ArcGIS Server 9.1 System Requirements

This PDF contains system requirements information, including hardware requirements, best performance configurations, and limitations, for ArcGIS Server for the ArcGIS Server 9.1.

- **Linux-Intel Red Hat Enterprise Linux AS/ES 3.0**
- **Linux-Intel SuSE Linux Enterprise Server 9**
- **PC-Intel Windows 2000 Professional**
- **PC-Intel Windows 2000 Server**
- **PC-Intel Windows 2003 Server**
- **PC-Intel Windows XP Professional Edition**
- **Sun Solaris 10 (SPARC)**
- **Sun Solaris 8 (SPARC)**
- **Sun Solaris 9 (SPARC)**

  - **Application Developer Frameworks for ArcGIS Server 9.1**
    - **ArcGIS Server - .Net ADF**
      - **Supported Web Server and Application Server Platforms**
        - PC-Intel Windows 2000 Professional
        - PC-Intel Windows 2000 Server
        - PC-Intel Windows 2003 Server
        - PC-Intel Windows XP Professional Edition

      - **Supported web browsers for ArcGIS Server - .Net ADF**
      - **Supported Integrated Development Environments - .Net ADF**

    - **ArcGIS Server - Java ADF**
      - **Supported Web Server and Application Server Platforms**
        - HP HP-UX 11.i (32 bit or 64 bit) PA RISC
        - IBM AIX 5.1.0.0
        - IBM AIX 5.2.0.0
        - Linux-Intel Red Hat Enterprise Linux AS/ES 3.0
        - PC-Intel Windows 2000 Professional
        - PC-Intel Windows 2000 Server
        - PC-Intel Windows 2003 Server
        - PC-Intel Windows XP Professional Edition
        - Sun Solaris 8 (SPARC)
        - Sun Solaris 9 (SPARC)

      - **Supported web browsers for ArcGIS Server - Java ADF**
      - **Supported Integrated Development Environments - Java ADF**
**ArcGIS Server 9.1 on Linux-Intel Red Hat Enterprise Linux AS/ES 3.0**

<table>
<thead>
<tr>
<th>Product:</th>
<th>ArcGIS Server 9.1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Platform:</td>
<td>Linux-Intel</td>
</tr>
<tr>
<td>Operating System:</td>
<td>Red Hat Enterprise Linux AS/ES 3.0</td>
</tr>
<tr>
<td>Service Packs/Patches:</td>
<td>Update 2 or higher</td>
</tr>
<tr>
<td>Shipping/Release Date:</td>
<td>May 18, 2005</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**CPU Speed:**
1.0 GHz recommended or higher

**Processor:**
Linux x86, support on Processor Chips that adhere to the x86 architecture (32-bit)

**Memory/RAM:**
512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Swap Space:**
236 MB minimum, 512 MB recommended

**Disk Space:**
Typical - 586 MB Complete - 1.8 GB

**Disk Space Requirements:**
For custom installation disk space requirements, please see the program Pre-Installation Summary under the custom install set.
Notes:

**OPERATING SYSTEM REQUIREMENTS**

- ArcGIS Server is only supported on Linux x86, on CPUs that adhere to the x86 architecture (32-bit), with supported Linux releases.
- It is a requirement that the OS (binary) has not been modified. ESRI does not provide any support if products are installed on Developer's Release of an Operating System.
- The linux patches from RHEL AS/ES will be supported as long as the patches are supported by the webservers and they are from Red Hat without any modification to the latest kernel/glibc version.

The following packages for the OS install are required for ArcGIS Server to function properly:
- Base Development package
- Base Legacy Software Development package

**ADDITIONAL REQUIREMENTS:**

- Xvfb: This is a hardware-independent Xserver package, which can be installed from XFree86-Xvfb-4.3.0-35EL.rpm, that comes with Redhat Linux install CD.
- OpenGL: XFree86-Mesa-libGL, version 4.2.0-8, which is installed by default with Linux 3.0 (AS/ES) and is an equivalent of OpenGL 1.3.
- 24-bit color depth enabled

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).
ArcGIS Server 9.1 on Linux-Intel SuSE Linux Enterprise Server 9

<table>
<thead>
<tr>
<th>Product</th>
<th>ArcGIS Server 9.1</th>
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</thead>
<tbody>
<tr>
<td>Platform</td>
<td>Linux-Intel</td>
</tr>
<tr>
<td>Operating System</td>
<td>SuSE Linux Enterprise Server 9</td>
</tr>
<tr>
<td>Shipping/Release Date</td>
<td>May 18, 2005</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**CPU Speed:**
1.0 GHz recommended or higher

**Processor:**
x86 architecture (32-bit)

**Memory/RAM:**
512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Swap Space:**
256 MB minimum, 512 MB recommended

**Disk Space:**
Typical - 586 MB Complete - 1.8 GB

**Disk Space Requirements:**
For custom installation disk space requirements, please see the program Pre-Installation Summary under the custom install set.

**Notes:**

**OPERATING SYSTEM REQUIREMENTS:**
- ArcGIS Server is only supported on Linux x86, on CPUs that adhere to the x86 architecture (32-bit), with supported Linux releases.
- It is a requirement that the OS (binary) has not been modified. ESRI does not provide any support if products are installed on Developer's Release of an Operating System.
- The linux patches from SUSE Linux will be supported as long as the patches are from SUSE Linux without any modification to the latest kernel/glibc version.

**The following packages from the OS install are required for ArcGIS Server for the Java Platform 9.2 to function correctly (may not be installed by default):**

- Graphic Base System
- C/C++ Compiler & Tools (includes gcc-g77, which libg2c.so.0 is a component of)

**Additional Requirements:**

- **Patch for Xserver Xvfb:**
  This is a hardware-independent Xserver, which can be installed from XFree86-Xvfb-4.3.99.902-43.22.i586.rpm, that comes with SUSE Linux Enterprise Server 9 install CD.
  - OpenGL: XFree86-Mesa-libGL, version 4.3.99, which is installed by default with SUSE Linux Enterprise Server 9.
  - 24-bit color depth enabled

**System Design Strategies**
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**Best Performance Configuration**

**System Design Strategies**
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).
ArcGIS Server 9.1 on PC-Intel Windows 2000 Professional

<table>
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<tr>
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<th>ArcGIS Server 9.1</th>
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</thead>
<tbody>
<tr>
<td><strong>Platform:</strong></td>
<td>PC-Intel</td>
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<tr>
<td><strong>Operating System:</strong></td>
<td>Windows 2000 Professional</td>
</tr>
<tr>
<td><strong>Service Packs/Patches:</strong></td>
<td>SP 4</td>
</tr>
<tr>
<td><strong>Shipping/Release Date:</strong></td>
<td>May 18, 2005</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**CPU Speed:**
1.0 GHz recommended or higher

**Processor:**
Intel Pentium or Intel Xeon Processors

**Memory/RAM:**
512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
Typical 354 MB NTFS, Complete 1.4 GB NTFS

**Disk Space Requirements:**
In addition, up to 50 MB of disk space maybe needed in the Windows System directory (typically C:\Windows\System32). You can view the disk space requirement for each of the 9.1 components in the Setup program.

**Notes:**

**OPERATING SYSTEM REQUIREMENTS**

Internet Explorer Requirements
- Some features of ArcGIS Server 9.1 require a minimum installation of Microsoft Internet Explorer Version 6.0 or 7.0. If you do not have an installation of Microsoft Internet Explorer Version 6.0/7.0, you must obtain and install it prior to installing ArcGIS Server. (Please also see IE7_Limitations)

**Microsoft DirectX® Requirement:**

- DirectX is also installed with the Windows 2000 automatic update.

**System Design Strategies**
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**Best Performance Configuration**

**System Design Strategies**
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**Limitations**

**Platform: IE7 Limitations**
You cannot see inset maps in the directions window until you right-click on the box with the red X to bring up the context menu and then click on "Show Picture."
ArcGIS Server 9.1 on PC-Intel Windows 2000 Server

<table>
<thead>
<tr>
<th>Product:</th>
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<tr>
<td>Platform:</td>
<td>PC-Intel</td>
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<td>Operating System:</td>
<td>Windows 2000 Server</td>
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<td>Service Packs/Patches:</td>
<td>SP3 minimum</td>
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<tr>
<td>Shipping/Release Date:</td>
<td>May 18, 2005</td>
</tr>
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</table>

**Hardware Requirements**

**CPU Speed:**

1.0 GHz recommended or higher

**Processor:**

Intel Pentium or Intel Xeon Processors

**Memory/RAM:**

512 MB minimum, 1 GB recommended or higher

**Display Properties:**

24 bit color depth

**Screen Resolution:**

1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**

Typical 354 MB NTFS, Complete 1.4 GB NTFS

**Disk Space Requirements:**

In addition, up to 50 MB of disk space maybe needed in the Windows System directory (typically C:\Windows\System32). You can view the disk space requirement for each of the 9.1 components in the Setup program.

**Notes:**

**OPERATING SYSTEM REQUIREMENTS**

**Internet Explorer Requirements**

- Some features of ArcGIS Server 9.1 require a minimum installation of Microsoft Internet
Explorer Version 6.0 or 7.0. If you do not have an installation of Microsoft Internet Explorer Version 6.0/7.0, you must obtain and install it prior to installing ArcGIS Server. (Please also see IE7 Limitations)

**Microsoft DirectX® Requirement:**
- DirectX is also installed with the Windows 2000 automatic update.

**System Design Strategies**

**Best Performance Configuration**
**System Design Strategies**

**Limitations**
**Platform: IE7 Limitations**
You cannot see inset maps in the directions window until you right-click on the box with the red X to bring up the context menu and then click on "Show Picture."
ArcGIS Server 9.1 on PC-Intel Windows 2003 Server

<table>
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<tr>
<th>Product:</th>
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<tbody>
<tr>
<td>Platform:</td>
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</tr>
<tr>
<td>Operating System:</td>
<td>Windows 2003 Server</td>
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<tr>
<td>Service Packs/Patches:</td>
<td>SP1 (optional)</td>
</tr>
<tr>
<td>Shipping/Release Date:</td>
<td>May 18, 2005</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**CPU Speed:**
1.0 GHz recommended or higher

**Processor:**
Intel Pentium or Intel Xeon Processors

**Memory/RAM:**
512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
Typical 354 MB NTFS, Complete 1.4 GB NTFS

**Disk Space Requirements:**
In addition, up to 50 MB of disk space may be needed in the Windows System directory (typically C:\Windows\System32). You can view the disk space requirement for each of the 9.1 components in the Setup program.

**Notes:**

<OPERATING SYSTEM REQUIREMENTS

**Internet Explorer Requirements**

- Some features of ArcGIS Server 9.1 require a minimum installation of Microsoft Internet
Explorer Version 6.0 or 7.0. If you do not have an installation of Microsoft Internet Explorer Version 6.0/7.0, you must obtain and install it prior to installing ArcGIS Server. (Please also see IE7_Limitations)

**System Design Strategies**
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: System Design Strategies.

**Best Performance Configuration**
System Design Strategies
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: System Design Strategies.

**Limitations**

**Platform: IE7 Limitations**
You cannot see inset maps in the directions window until you right-click on the box with the red X to bring up the context menu and then click on "Show Picture."


### ArcGIS Server 9.1 on PC-Intel Windows XP Professional Edition

<table>
<thead>
<tr>
<th>Product:</th>
<th>ArcGIS Server 9.1</th>
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</thead>
<tbody>
<tr>
<td>Platform:</td>
<td>PC-Intel</td>
</tr>
<tr>
<td>Operating System:</td>
<td>Windows XP Professional Edition</td>
</tr>
<tr>
<td>Service Packs/Patches:</td>
<td>SP 1, SP2 (refer to Limitations)</td>
</tr>
<tr>
<td>Shipping/Release Date:</td>
<td>May 18, 2005</td>
</tr>
</tbody>
</table>

### Hardware Requirements

**CPU Speed:**
1.0 GHz recommended or higher

**Processor:**
Intel Pentium or Intel Xeon Processors

**Memory/RAM:**
512 MB minumum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
Typical 354 MB NTFS, Complete 1.4 GB NTFS

**Disk Space Requirements:**
In addition, up to 50 MB of disk space maybe needed in the Windows System directory (typically C:\Windows\System32). You can view the disk space requirement for each of the 9.1 components in the Setup program.

**Notes:**

**OPERATING SYSTEM REQUIREMENTS**

**Internet Explorer Requirements**
- Some features of ArcGIS Server 9.1 require a minimum installation of Microsoft Internet Explorer Version 6.0 or 7.0. If you do not have an installation of Microsoft Internet Explorer Version 6.0/7.0, you must obtain and install it prior to installing ArcGIS Server. (Please also see IE7_Limitations)

**System Design Strategies**
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**Best Performance Configuration**
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**Limitations**

**Platform: Windows XP Professional Edition**

**ArcGIS Server 9.1 on Windows XP is certified with limitations.**
Refer to ESRI Knowledge Base Article [FAQ:Issues with Windows XP Service Pack 2, Service Pack 3 and ArcGIS 9.x products](#) for details.

Windows XP SP2 users may need to configure a Windows Firewall. Refer to [Site FAQs](#) | [Browser Support](#).
**ArcGIS Server 9.1 on Sun Solaris 10 (SPARC)**

<table>
<thead>
<tr>
<th><strong>Product:</strong></th>
<th>ArcGIS Server 9.1</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Platform:</strong></td>
<td>Sun</td>
</tr>
<tr>
<td><strong>Operating System:</strong></td>
<td>Solaris 10 (SPARC)</td>
</tr>
<tr>
<td><strong>Shipping/Release Date:</strong></td>
<td>May 18, 2005</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**Memory/RAM:**

512 MB minimum, 1 GB recommended or higher

**Display Properties:**

24 bit color depth

**Screen Resolution:**

1024 x 768 recommended or higher at Normal size (96dpi)

**Swap Space:**

256 MB minimum, 512 MB recommended

**Disk Space:**

Typical - 750 MB Complete - 2.0 GB

**Notes:**

**OPERATING SYSTEM REQUIREMENTS**

- It is a requirement that the OS (binary) has not been modified. If the binary has been modified, the customer will need to support it themselves.
- ESRI does not provide any support if products are installed on Developer's Release of an Operating System.

**ADDITIONAL NOTES:**

- OpenGL version 1.3 or higher.
- 24-bit capable graphics accelerator

When running in a 64-bit Solaris SPARC environment, ArcGIS Engine-related products operate as 32-bit applications.
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: System Design Strategies.

**Best Performance Configuration**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: System Design Strategies.

**Limitations**

**Platform:** Installing this product on the Solaris version 10 operating system will display a warning message,

"[product_name] Setup has detected that your system may not meet system requirements. If system requirements are not satisfied, [product_name] may not install correctly.

This error can safely be ignored. Verify that there are no other failure messages in the MWSysReq.log file.

Refer to ESRI Knowledge Base Article Error: Installation of ESRI products show a status of FAILED when checking the system requirements on the Solaris 10 platform for more information.
ArcGIS Server 9.1 on Sun Solaris 8 (SPARC)

<table>
<thead>
<tr>
<th>Product</th>
<th>ArcGIS Server 9.1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Platform</td>
<td>Sun</td>
</tr>
<tr>
<td>Operating System</td>
<td>Solaris 8 (SPARC)</td>
</tr>
<tr>
<td>Shipping/Release Date</td>
<td>May 18, 2005</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**CPU Speed:**
1.0 GHz recommended or higher

**Memory/RAM:**
512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Swap Space:**
256 MB minimum, 512 MB recommended

**Window System:**
See notes.

**Disk Space:**
Typical - 750 MB Complete - 2.0 GB

**Architecture:**
Sun Solaris 8

**Notes:**

**OPERATING SYSTEM REQUIREMENTS**
- It is a requirement that the OS (binary) has not been modified.
- If the binary has been modified, the customer will need to support it themselves.
- ESRI does not provide any support if products are installed on Developer's Release of an
Operating System.

**ADDITIONAL NOTES:**
- OpenGL version 1.3 or higher.
- 24-bit capable graphics accelerator

**When running in a 64-bit Solaris SPARC environment, ArcGIS Engine-related products operate as 32-bit applications.**

**System Design Strategies**
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**Best Performance Configuration**

**System Design Strategies**
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).
ArcGIS Server 9.1 on Sun Solaris 9 (SPARC)

<table>
<thead>
<tr>
<th>Product:</th>
<th>ArcGIS Server 9.1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Platform:</td>
<td>Sun</td>
</tr>
<tr>
<td>Operating System:</td>
<td>Solaris 9 (SPARC)</td>
</tr>
<tr>
<td>Shipping/Release Date:</td>
<td>May 18, 2005</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**CPU Speed:**
1.0 GHz recommended or higher

**Memory/RAM:**
512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Swap Space:**
256 MB minimum, 512 MB recommended

**Disk Space:**
Typical - 750 MB Complete - 2.0 GB

**Notes:**

**OPERATING SYSTEM REQUIREMENTS**
- It is a requirement that the OS (binary) has not been modified. If the binary has been modified, the customer will need to support it themselves.
- ESRI does not provide any support if products are installed on Developer's Release of an Operating System.

**ADDITIONAL NOTES:**
- OpenGL version 1.3 or higher.
- 24-bit capable graphics accelerator

When running in a 64-bit Solaris SPARC environment, ArcGIS Engine-related products operate as 32-bit applications.

**System Design Strategies**
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**Best Performance Configuration**

**System Design Strategies**
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).
Application Developer Frameworks for ArcGIS Server 9.1

ArcGIS Server - .Net ADF

- **Supported Web Server and Application Server Platforms**
  - PC-Intel Windows 2000 Professional
  - PC-Intel Windows 2000 Server
  - PC-Intel Windows 2003 Server
  - PC-Intel Windows XP Professional Edition

<table>
<thead>
<tr>
<th></th>
<th>ArcGIS Server - .Net ADF 9.1</th>
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<tbody>
<tr>
<td><strong>Product:</strong></td>
<td>ArcGIS Server - .Net ADF 9.1</td>
</tr>
<tr>
<td><strong>Platform:</strong></td>
<td>PC-Intel</td>
</tr>
<tr>
<td><strong>Operating System:</strong></td>
<td>Windows 2000 Professional</td>
</tr>
<tr>
<td><strong>Service Packs/Patches:</strong></td>
<td>SP 4</td>
</tr>
<tr>
<td><strong>Shipping/Release Date:</strong></td>
<td>May 10, 2005</td>
</tr>
<tr>
<td><strong>Web Server or Application Server:</strong></td>
<td>Internet Information Server</td>
</tr>
<tr>
<td><strong>Web Server or Application Server Version:</strong></td>
<td>5.0</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**CPU Speed:**
1.0 GHz recommended or higher

**Processor:**
Intel Pentium or Intel Xeon Processors

**Memory/RAM:**
512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
352 MB NTFS

**Notes:**
ArcGIS Server .Net ADF 9.1 is supported on the following web browsers:
Internet Explorer 6.0
Visual Studio .NET Requirement
- Visual Studio .NET 2003 and .NET Framework 1.1 Service Pack 1

Additional Notes:
- .NET Framework 1.1 is installed with Visual Studio .NET 2003. The redistributable is available to developers who want to include the .NET Framework installation with their .NET applications.

Best Performance Configuration

System Design Strategies
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: System Design Strategies.

Limitations
Web Server: The .NET ADF is not supported with Solaris or Linux based ArcGIS Server Objects.
**ArcGIS Server - .Net ADF 9.1 with PC-Intel Windows 2000 Server on Internet Information Server 5.0**

<table>
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<tr>
<td>Operating System:</td>
<td>Windows 2000 Server</td>
</tr>
<tr>
<td>Service Packs/Patches:</td>
<td>SP3 minimum</td>
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<tr>
<td>Shipping/Release Date:</td>
<td>May 10, 2005</td>
</tr>
<tr>
<td>Web Server or Application Server:</td>
<td>Internet Information Server</td>
</tr>
<tr>
<td>Web Server or Application Server Version:</td>
<td>5.0</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**CPU Speed:**
1.0 GHz recommended or higher

**Processor:**
Intel Pentium or Intel Xeon Processors

**Memory/RAM:**
512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
352 MB NTFS

**Notes:**

**ArcGIS Server .Net ADF 9.1 is supported on the following web browsers:**
- Internet Explorer 6.0
- Internet Explorer 7.0
- Netscape 7.2
**Visual Studio .NET Requirement**
- Visual Studio .NET 2003 and .NET Framework 1.1 Service Pack 1

**Additional Notes:**
- .NET Framework 1.1 is installed with Visual Studio .NET 2003. The redistributable is available to developers who want to include the .NET Framework installation with their .NET applications.

**Best Performance Configuration**

**System Design Strategies**
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**Limitations**
**Web Server:** The .NET ADF is not supported with Solaris or Linux based ArcGIS Server Objects.

<table>
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<tbody>
<tr>
<td>Platform:</td>
<td>PC-Intel</td>
</tr>
<tr>
<td>Operating System:</td>
<td>Windows 2003 Server</td>
</tr>
<tr>
<td>Service Packs/Patches:</td>
<td>SP1 (optional)</td>
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<tr>
<td>Shipping/Release Date:</td>
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<td>Web Server or Application Server:</td>
<td>Internet Information Server</td>
</tr>
<tr>
<td>Web Server or Application Server Version:</td>
<td>6.0</td>
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</table>

### Hardware Requirements

**CPU Speed:**

1.0 GHz recommended or higher

**Processor:**

Intel Pentium or Intel Xeon Processors

**Memory/RAM:**

512 MB minimum, 1 GB recommended or higher

**Display Properties:**

24 bit color depth

**Screen Resolution:**

1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**

352 MB NTFS

**Notes:**

**ArcGIS Server .Net ADF 9.1 is supported on the following web browsers:** Internet Explorer 6.0

Internet Explorer 7.0

Netscape 7.2
Visual Studio .NET Requirement
- Visual Studio .NET 2003 and .NET Framework 1.1 Service Pack 1

Additional Notes:
- .NET Framework 1.1 is installed with Visual Studio .NET 2003. The redistributable is available to developers who want to include the .NET Framework installation with their .NET applications.

Best Performance Configuration

System Design Strategies
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: System Design Strategies.

Limitations

Web Server: The .NET ADF is not supported with Solaris or Linux based ArcGIS Server Objects.

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</thead>
<tbody>
<tr>
<td>Platform:</td>
<td>PC-Intel</td>
</tr>
<tr>
<td>Operating System:</td>
<td>Windows XP Professional Edition</td>
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<tr>
<td>Service Packs/Patches:</td>
<td>SP 1  SP2 (refer to Limitations)</td>
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<td>Internet Information Server</td>
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<td>Web Server or Application Server Version:</td>
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**Hardware Requirements**

**CPU Speed:**
1.0 GHz recommended or higher

**Processor:**
Intel Pentium or Intel Xeon Processors

**Memory/RAM:**
512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
352 MB NTFS

**Notes:**

*ArcGIS Server .Net ADF 9.1 is supported on the following web browsers:* Internet Explorer 6.0
Internet Explorer 7.0
Visual Studio .NET Requirement
- Visual Studio .NET 2003 and .NET Framework 1.1 Service Pack 1

Additional Notes:
- .NET Framework 1.1 is installed with Visual Studio .NET 2003. The redistributable is available to developers who want to include the .NET Framework installation with their .NET applications.

Best Performance Configuration

System Design Strategies
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: System Design Strategies.

Limitations

Platform: Windows XP Professional Edition

Web Server: The .NET ADF is not supported with Solaris or Linux based ArcGIS Server Objects.
Supported web browsers for ArcGIS Server - .Net ADF

- **Internet Explorer 6.0 or higher**
  - PC-Intel Windows 2000 Professional
    - Your Web Browser must be DOM compliant.
  - PC-Intel Windows 2000 Server
    - Your Web Browser must be DOM compliant.
  - PC-Intel Windows 2003 Server
    - Your Web Browser must be DOM compliant.
  - PC-Intel Windows XP Professional Edition
    - Your Web Browser must be DOM compliant.

- **Netscape Communicator 7.2**
  - PC-Intel Windows 2000 Professional
    - Your Web Browser must be DOM compliant.
  - PC-Intel Windows 2000 Server
    - Your Web Browser must be DOM compliant.
  - PC-Intel Windows 2003 Server
    - Your Web Browser must be DOM compliant.
  - PC-Intel Windows XP Professional Edition
    - Your Web Browser must be DOM compliant.

**Supported Integrated Development Environments for ArcGIS Server - .Net ADF**

- **Microsoft Visual Studio .NET Professional, Enterprise Developer and Enterprise Architect 2003**
  - PC-Intel Windows 2000 Professional
  - PC-Intel Windows 2000 Server
  - PC-Intel Windows 2003 Server
  - PC-Intel Windows XP Professional Edition
ArcGIS Server - Java ADF

Supported Web Server and Application Server Platforms

- HP HP-UX 11.i (32 bit or 64 bit) PA RISC
- IBM AIX 5.1.0.0
- IBM AIX 5.2.0.0
- Linux-Intel Red Hat Enterprise Linux AS/ES 3.0
- PC-Intel Windows 2000 Professional
- PC-Intel Windows 2000 Server
- PC-Intel Windows 2003 Server
- PC-Intel Windows XP Professional Edition
- Sun Solaris 8 (SPARC)
- Sun Solaris 9 (SPARC)
Supported Web Servers and Application Servers for ArcGIS Server - Java ADF 9.1 on HP HP-UX 11.i (32 bit or 64 bit) PA RISC

Click on a server name to get more information.

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<th>Web Server or Application Server</th>
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<tr>
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<td>Apache 2.0.48</td>
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<td>Oracle Application Server 10g</td>
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<td>ServletExec AS 5.0 patch 2</td>
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<tr>
<td>Sun Java System (Sun ONE) Applic. Server 7.0</td>
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<tr>
<td>Tomcat 5.0.18</td>
<td>Limitations</td>
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<tr>
<td>WebLogic 8.1 SP4</td>
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ArcGIS Server - Java ADF 9.1 with HP HP-UX 11.i (32 bit or 64 bit) PA RISC on Apache 2.0.46

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<td>HP-UX 11.i (32 bit or 64 bit) PA RISC</td>
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<tr>
<td>Web Server or Application Server Version:</td>
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**Hardware Requirements**

**Memory/RAM:**
512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
Complete - 1.4 GB

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine
If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Supported Servlet Engines**

ServletExec AS 5.0 patch 2

[43]Notes for ServletExec with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- web service catalogs
- ArcGIS Server API

JDK 1.5.0_06 is required.


**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).
<table>
<thead>
<tr>
<th>Product:</th>
<th>ArcGIS Server - Java ADF 9.1</th>
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<tr>
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<td>Web Server or Application Server Version:</td>
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</table>

**Hardware Requirements**

**Memory/RAM:**

512 MB minimum, 1 GB recommended or higher

**Display Properties:**

24 bit color depth

**Screen Resolution:**

1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**

Complete - 1.4 GB

**Software Requirements**

Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:

- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**

If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:

- Web server
- Servlet engine
If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server
The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Supported Servlet Engines**

Tomcat 5.0.25

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).
**ArcGIS Server - Java ADF 9.1 with HP HP-UX 11.i (32 bit or 64 bit) PA RISC on Oracle Application Server 10g**

<table>
<thead>
<tr>
<th><strong>Product:</strong></th>
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<tbody>
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<td>HP</td>
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<tr>
<td><strong>Operating System:</strong></td>
<td>HP-UX 11.i (32 bit or 64 bit) PA RISC</td>
</tr>
<tr>
<td><strong>Shipping/Release Date:</strong></td>
<td>May 10, 2005</td>
</tr>
<tr>
<td><strong>Web Server or Application Server:</strong></td>
<td>Oracle Application Server</td>
</tr>
<tr>
<td><strong>Web Server or Application Server Version:</strong></td>
<td>10g</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**Memory/RAM:**
512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
Complete - 1.4 GB

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine
If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**

Notes for Oracle Application Server 10g with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).
# ArcGIS Server - Java ADF 9.1 with HP HP-UX 11.i (32 bit or 64 bit) PA RISC on ServletExec AS 5.0 patch 2

<table>
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<tr>
<th><strong>Product:</strong></th>
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<tbody>
<tr>
<td><strong>Platform:</strong></td>
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<tr>
<td><strong>Web Server or Application Server:</strong></td>
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</table>

## Hardware Requirements

**Memory/RAM:**

512 MB minimum, 1 GB recommended or higher

**Display Properties:**

24 bit color depth

**Screen Resolution:**

1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**

Complete - 1.4 GB

## Software Requirements

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**

- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**

If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:

- Web server
- Servlet engine
If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**

[42]Notes for Servlet Exec with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- web service catalogs
- ArcGIS Server API

A servlet engine is not required. JDK 1.5.0_06 is required.


**Best Performance Configuration**

**System Design Strategies**

ArcGIS Server - Java ADF 9.1 with HP HP-UX 11.i (32 bit or 64 bit) PA RISC on Sun Java System (Sun ONE) Application Server 7.0

<table>
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<tr>
<td>Platform:</td>
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<td>Operating System:</td>
<td>HP-UX 11.i (32 bit or 64 bit) PA RISC</td>
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<tr>
<td>Shipping/Release Date:</td>
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<tr>
<td>Web Server or Application Server:</td>
<td>Sun Java System (Sun ONE) Application Server</td>
</tr>
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<td>Web Server or Application Server Version:</td>
<td>7.0</td>
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</table>

**Hardware Requirements**

**Memory/RAM:**
512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
Complete - 1.4 GB

**Software Requirements**

Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine
If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:

- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**

Notes for Sun Java System Application Server with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).
### ArcGIS Server - Java ADF 9.1 with HP HP-UX 11.i (32 bit or 64 bit) PA RISC on Tomcat 5.0.18

| **Product:** | ArcGIS Server - Java ADF 9.1 |
| **Platform:** | HP |
| **Operating System:** | HP-UX 11.i (32 bit or 64 bit) PA RISC |
| **Shipping/Release Date:** | May 10, 2005 |
| **Web Server or Application Server:** | Tomcat |
| **Web Server or Application Server Version:** | 5.0.18 |

**Hardware Requirements**

**Memory/RAM:**
512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
Complete - 1.4 GB

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine
If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server
The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**

Notes for Tomcat with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

**Best Performance Configuration**

**System Design Strategies**
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**Limitations**

**Web Server:** During stress testing with ArcGIS Server Java ADF and Tomcat 4.1.29, an OutofMemory error was encountered. This problem was investigated on the forums and notes were found indicating the problem was resolved with Tomcat 5.x. Testing with Tomcat 5.0.18 didn't produce the problem. The error noted here can be further investigated on the Tomcat forums:

- [http://nagoya.apache.org/bugzilla/show_bug.cgi?id=22151](http://nagoya.apache.org/bugzilla/show_bug.cgi?id=22151)
- [http://nagoya.apache.org/bugzilla/show_bug.cgi?id=15266](http://nagoya.apache.org/bugzilla/show_bug.cgi?id=15266)
- [http://nagoya.apache.org/bugzilla/show_bug.cgi?id=15845](http://nagoya.apache.org/bugzilla/show_bug.cgi?id=15845)
**ArcGIS Server - Java ADF 9.1 with HP HP-UX 11.i (32 bit or 64 bit) PA RISC on Tomcat 5.0.25**

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<tr>
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<td>HP</td>
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<tr>
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<td><strong>Web Server or Application Server:</strong></td>
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</tr>
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<td><strong>Web Server or Application Server Version:</strong></td>
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</table>

**Hardware Requirements**

**Memory/RAM:**

512 MB minimum, 1 GB recommended or higher

**Display Properties:**

24 bit color depth

**Screen Resolution:**

1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**

Complete - 1.4 GB

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**

- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**

If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:

- Web server
- Servlet engine
If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:

- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).
ArcGIS Server - Java ADF 9.1 with HP HP-UX 11.i (32 bit or 64 bit) PA RISC on WebLogic 8.1 SP4

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<td>WebLogic</td>
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</table>

**Hardware Requirements**

**Memory/RAM:**

512 MB minimum, 1 GB recommended or higher

**Display Properties:**

24 bit color depth

**Screen Resolution:**

1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**

Complete - 1.4 GB

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**

- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**

If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:

- Web server
- Servlet engine
If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**

Notes for WebLogic with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

WebLogic is supported with ArcGIS Server Java ADF 9.0 SP1 or higher for the viewer templates, and with Java ADF 9.1 or higher for the web catalog. At 9.1, the catalog is supported deployed as an unexpanded WAR file, and not as expanded folders and files.

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).
**Supported Web Servers and Application Servers for ArcGIS Server - Java ADF 9.1 on IBM AIX 5.1.0.0**

Click on a server name to get more information.

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<tr>
<td>ServletExec AS 5.0 patch 2</td>
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<td>Tomcat 5.0.18</td>
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<td>WebLogic 8.1 SP3</td>
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<td>WebSphere Application Server 5.1</td>
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## ArcGIS Server - Java ADF 9.1 with IBM AIX 5.1.0.0 on Apache 2.0.46

<table>
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<td>Apache</td>
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<td>Web Server or Application Server Version:</td>
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</tbody>
</table>

### Hardware Requirements

**Memory/RAM:**

512 MB minimum, 1 GB recommended or higher

**Display Properties:**

24 bit color depth

**Screen Resolution:**

1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**

Complete - 1.4 GB

### Software Requirements

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**

- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**

If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:

- Web server
- Servlet engine
If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Supported Servlet Engines**

ServletExec AS 5.0 patch 2

[43]Notes for ServletExec with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- web service catalogs
- ArcGIS Server API

JDK 1.5.0_06 is required.


Tomcat 5.0.18

Servlet Engine must be Servlet 2.3 and JSP 1.2 Compliant.

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).
### Hardware Requirements

**Memory/RAM:**

512 MB minimum, 1 GB recommended or higher

**Display Properties:**

24 bit color depth

**Screen Resolution:**

1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**

Complete - 1.4 GB

### Software Requirements

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**

- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**

If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:

- Web server
- Servlet engine
If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**

[42]Notes for Servlet Exec with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- web service catalogs
- ArcGIS Server API

A servlet engine is not required. JDK 1.5.0_06 is required.


**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).
ArcGIS Server - Java ADF 9.1 with IBM AIX 5.1.0.0 on Tomcat 5.0.18

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<tr>
<td>Platform:</td>
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<tr>
<td>Web Server or Application Server:</td>
<td>Tomcat</td>
</tr>
<tr>
<td>Web Server or Application Server Version:</td>
<td>5.0.18</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**Memory/RAM:**
512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
Complete - 1.4 GB

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.2_06 on Windows, Solaris/Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine
If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**

Notes for Tomcat with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).
ArcGIS Server - Java ADF 9.1 with IBM AIX 5.1.0.0 on WebLogic
8.1 SP3

<table>
<thead>
<tr>
<th>Product:</th>
<th>ArcGIS Server - Java ADF 9.1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Platform:</td>
<td>IBM</td>
</tr>
<tr>
<td>Operating System:</td>
<td>AIX 5.1.0.0</td>
</tr>
<tr>
<td>Shipping/Release Date:</td>
<td>May 10, 2005</td>
</tr>
<tr>
<td>Web Server or Application Server:</td>
<td>WebLogic</td>
</tr>
<tr>
<td>Web Server or Application Server Version:</td>
<td>8.1 SP3</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**Memory/RAM:**
512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
Complete - 1.4 GB

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine
If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server
The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**

Notes for WebLogic with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

WebLogic is supported with ArcGIS Server Java ADF 9.0 SP1 or higher for the viewer templates, and with Java ADF 9.1 or higher for the web catalog. At 9.1, the catalog is supported deployed as an unexpanded WAR file, and not as expanded folders and files.

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).
## ArcGIS Server - Java ADF 9.1 with IBM AIX 5.1.0.0 on WebSphere Application Server 5.1

<table>
<thead>
<tr>
<th>Product:</th>
<th>ArcGIS Server - Java ADF 9.1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Platform:</td>
<td>IBM</td>
</tr>
<tr>
<td>Operating System:</td>
<td>AIX 5.1.0.0</td>
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<tr>
<td>Shipping/Release Date:</td>
<td>May 10, 2005</td>
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<tr>
<td>Web Server or Application Server:</td>
<td>WebSphere Application Server</td>
</tr>
<tr>
<td>Web Server or Application Server Version:</td>
<td>5.1</td>
</tr>
</tbody>
</table>

### Hardware Requirements

**Memory/RAM:**

512 MB minimum, 1 GB recommended or higher

**Display Properties:**

24 bit color depth

**Screen Resolution:**

1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**

Complete - 1.4 GB

### Software Requirements

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK)**

**requirement:**

- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**

If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:

- Web server
- Servlet engine
If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**

Notes for WebSphere Application Server with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- JCA resource adapter

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).
## Supported Web Servers and Application Servers for ArcGIS Server - Java ADF 9.1 on IBM AIX 5.2.0.0

Click on a server name to get more information.

<table>
<thead>
<tr>
<th>Web Server or Application Server</th>
<th>Notes</th>
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<tbody>
<tr>
<td>Apache 2.0.46</td>
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<tr>
<td>Tomcat 5.0.18</td>
<td></td>
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<tr>
<td>WebLogic 8.1 SP3</td>
<td></td>
</tr>
<tr>
<td>WebSphere Application Server 5.1</td>
<td></td>
</tr>
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</table>
**ArcGIS Server - Java ADF 9.1 with IBM AIX 5.2.0.0 on Apache 2.0.46**

<table>
<thead>
<tr>
<th><strong>Product:</strong></th>
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<tbody>
<tr>
<td><strong>Platform:</strong></td>
<td>IBM</td>
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<tr>
<td><strong>Operating System:</strong></td>
<td>AIX 5.2.0.0</td>
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<td><strong>Shipping/Release Date:</strong></td>
<td>May 10, 2005</td>
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<tr>
<td><strong>Web Server or Application Server:</strong></td>
<td>Apache</td>
</tr>
<tr>
<td><strong>Web Server or Application Server Version:</strong></td>
<td>2.0.46</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**Memory/RAM:**
512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
Complete - 1.4 GB

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine
If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server
The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Supported Servlet Engines**

Tomcat 5.0.18

Servlet Engine must be Servlet 2.3 and JSP 1.2 Compliant.

**Best Performance Configuration**

**System Design Strategies**
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).
**ArcGIS Server - Java ADF 9.1 with IBM AIX 5.2.0.0 on Tomcat 5.0.18**

<table>
<thead>
<tr>
<th><strong>Product:</strong></th>
<th>ArcGIS Server - Java ADF 9.1</th>
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<tbody>
<tr>
<td><strong>Platform:</strong></td>
<td>IBM</td>
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<tr>
<td><strong>Operating System:</strong></td>
<td>AIX 5.2.0.0</td>
</tr>
<tr>
<td><strong>Shipping/Release Date:</strong></td>
<td>May 10, 2005</td>
</tr>
<tr>
<td><strong>Web Server or Application Server:</strong></td>
<td>Tomcat</td>
</tr>
<tr>
<td><strong>Web Server or Application Server Version:</strong></td>
<td>5.0.18</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**Memory/RAM:**
512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
Complete - 1.4 GB

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK)**

**requirement:**
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine
If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:

- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**

Notes for Tomcat with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:

- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).
**ArcGIS Server - Java ADF 9.1 with IBM AIX 5.2.0.0 on WebLogic 8.1 SP3**

<table>
<thead>
<tr>
<th>Product:</th>
<th>ArcGIS Server - Java ADF 9.1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Platform:</td>
<td>IBM</td>
</tr>
<tr>
<td>Operating System:</td>
<td>AIX 5.2.0.0</td>
</tr>
<tr>
<td>Shipping/Release Date:</td>
<td>May 10, 2005</td>
</tr>
<tr>
<td>Web Server or Application Server:</td>
<td>WebLogic</td>
</tr>
<tr>
<td>Web Server or Application Server Version:</td>
<td>8.1 SP3</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**Memory/RAM:**

512 MB minimum, 1 GB recommended or higher

**Display Properties:**

24 bit color depth

**Screen Resolution:**

1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**

Complete - 1.4 GB

**Software Requirements**

Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:

- JDK version 1.4.2_06 on Windows, Solaris,Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**

If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:

- Web server
- Servlet engine
If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**

Notes for WebLogic with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

WebLogic is supported with ArcGIS Server Java ADF 9.0 SP1 or higher for the viewer templates, and with Java ADF 9.1 or higher for the web catalog. At 9.1, the catalog is supported deployed as an unexpanded WAR file, and not as expanded folders and files.

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).
ArcGIS Server - Java ADF 9.1 with IBM AIX 5.2.0.0 on WebSphere Application Server 5.1

<table>
<thead>
<tr>
<th>Product:</th>
<th>ArcGIS Server - Java ADF 9.1</th>
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<tbody>
<tr>
<td>Platform:</td>
<td>IBM</td>
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<tr>
<td>Operating System:</td>
<td>AIX 5.2.0.0</td>
</tr>
<tr>
<td>Shipping/Release Date:</td>
<td>May 10, 2005</td>
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<td>Web Server or Application Server:</td>
<td>WebSphere Application Server</td>
</tr>
<tr>
<td>Web Server or Application Server Version:</td>
<td>5.1</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**Memory/RAM:**
512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
Complete - 1.4 GB

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server
The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**

Notes for WebSphere Application Server with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

ArcGIS Server Java ADF 9.0 SP1 or higher is required for the viewer templates; Java ADF 9.1 or higher is required for the web catalog.

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: System Design Strategies.
Supported Web Servers and Application Servers for ArcGIS Server - Java ADF 9.1 on Linux-Intel Red Hat Enterprise Linux AS/ES 3.0

Click on a server name to get more information.

<table>
<thead>
<tr>
<th>Web Server or Application Server</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apache 2.0.48</td>
<td></td>
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<tr>
<td>Oracle Application Server 10g Release 9.0.4</td>
<td></td>
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<tr>
<td>Sun Java System (Sun ONE) Application Server 7</td>
<td></td>
</tr>
<tr>
<td>The J2EE Reference Implementation 1.3</td>
<td></td>
</tr>
<tr>
<td>Tomcat 5.0.18</td>
<td></td>
</tr>
<tr>
<td>WebLogic 8.1 SP4</td>
<td></td>
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<tr>
<td>WebSphere Application Server 5.1.1</td>
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</tr>
<tr>
<td>WebSphere Application Server 6</td>
<td></td>
</tr>
</tbody>
</table>
ArcGIS Server - Java ADF 9.1 with Linux-Intel Red Hat Enterprise Linux AS/ES 3.0 on Apache 2.0.48

Quick Links

- Hardware Requirements
- Software Requirements
- Servlet Engines
- Web Browsers
- Integrated Development Environments
- **Best Configuration**
  
  **Product:** ArcGIS Server - Java ADF 9.1

  **Platform:** Linux-Intel

  **Operating System:** Red Hat Enterprise Linux AS/ES 3.0

  **Service Packs/Patches:** Update 2 or higher

  **Shipping/Release Date:** May 10, 2005

  **Web Server or Application Server:** Apache

  **Web Server or Application Server Version:** 2.0.48

**Hardware Requirements**

**CPU Speed:**

1 GB recommended or higher

**Memory/RAM:**

128 MB minimum, 256 MB or higher recommended

**Display Properties:**

24 bit color depth

**Screen Resolution:**

1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**

Complete - 1.4 GB

**Architecture:**
x86 architecture (32-bit)

**Disk Space Requirements:**
For custom installation disk space requirements, please see the program Pre-Installation Summary under the custom install set.

**Notes:**

**OPERATING SYSTEM REQUIREMENTS**
- JavaADF is only supported on Linux x86, on CPUs that adhere to the x86 architecture (32-bit), with supported Linux releases.
- It is a requirement that the OS (binary) has not been modified. ESRI does not provide any support if products are installed on Developer's Release of an Operating System.
- The linux patches from RHEL AS/ES will be supported as long as the patches are supported by the webservers and they are from Red Hat without any modification to the latest kernel/glibc version.

The following packages for the OS install are required for JavaADF to function properly:
- Base Development package
- Base Legacy Software Development package

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server
The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Supported Servlet Engines**

ServletExec AS 5.0 patch 2

[43]Notes for ServletExec with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- web service catalogs
- ArcGIS Server API

JDK 1.5.0_06 is required.


Tomcat 5.0.18

Notes for Tomcat with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API

**Best Performance Configuration**

**System Design Strategies**

**ArcGIS Server - Java ADF 9.1 with Linux-Intel Red Hat Enterprise Linux AS/ES 3.0 on Oracle Application Server 10g Release 9.0.4**

**Quick Links**

- Hardware Requirements
- Software Requirements
- Server Notes
- Web Browsers
- Integrated Development Environments

**Best Configuration**

<table>
<thead>
<tr>
<th><strong>Product:</strong></th>
<th>ArcGIS Server - Java ADF 9.1</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Platform:</strong></td>
<td>Linux-Intel</td>
</tr>
<tr>
<td><strong>Operating System:</strong></td>
<td>Red Hat Enterprise Linux AS/ES 3.0</td>
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<tr>
<td><strong>Service Packs/Patches:</strong></td>
<td>Update 2 or higher</td>
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<tr>
<td><strong>Shipping/Release Date:</strong></td>
<td>May 10, 2005</td>
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<tr>
<td><strong>Web Server or Application Server:</strong></td>
<td>Oracle Application Server</td>
</tr>
</tbody>
</table>

**Web Server or Application Server Version:** 10g Release 9.0.4

---

**Hardware Requirements**

**CPU Speed:**

1 GB recommended or higher

**Memory/RAM:**

128 MB minimum, 256 MB or higher recommended

**Display Properties:**

24 bit color depth

**Screen Resolution:**

1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**

Complete - 1.4 GB

**Architecture:**
x86 architecture (32-bit)

**Disk Space Requirements:**
For custom installation disk space requirements, please see the program Pre-Installation Summary under the custom install set.

**Notes:**

**OPERATING SYSTEM REQUIREMENTS**
- JavaADF is only supported on Linux x86, on CPUs that adhere to the x86 architecture (32-bit), with supported Linux releases.
- It is a requirement that the OS (binary) has not been modified. ESRI does not provide any support if products are installed on Developer's Release of an Operating System.
- The Linux patches from RHEL AS/ES will be supported as long as the patches are supported by the webservers and they are from Red Hat without any modification to the latest kernel/glibc version.

**The following packages for the OS install are required for JavaADF to function properly:**
- Base Development package
- Base Legacy Software Development package

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server
The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**

Notes for Oracle Application Server 10g with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**ArcGIS Server - Java ADF 9.1 with Linux-Intel Red Hat Enterprise Linux AS/ES 3.0 on Sun Java System (Sun ONE) Application Server 7**

**Quick Links**

- [Hardware Requirements](#)
- [Software Requirements](#)
- [Server Notes](#)
- [Web Browsers](#)
- [Integrated Development Environments](#)

**Best Configuration**

- **Product:** ArcGIS Server - Java ADF 9.1
- **Platform:** Linux-Intel
- **Operating System:** Red Hat Enterprise Linux AS/ES 3.0
- **Service Packs/Patches:** Update 2 or higher
- **Shipping/Release Date:** May 10, 2005
Web Server or Application Server: Sun Java System (Sun ONE) Application Server

Web Server or Application Server Version: 7

Hardware Requirements

CPU Speed:
1 GB recommended or higher

Memory/RAM:
128 MB minimum, 256 MB or higher recommended

Display Properties:
24 bit color depth

Screen Resolution:
1024 x 768 recommended or higher at Normal size (96dpi)

Disk Space:
Complete - 1.4 GB

Architecture:
x86 architecture (32-bit)

Disk Space Requirements:
For custom installation disk space requirements, please see the program Pre-Installation Summary under the custom install set.

Notes:

OPERATING SYSTEM REQUIREMENTS
- JavaADF is only supported on Linux x86, on CPUs that adhere to the x86 architecture (32-bit), with supported Linux releases.
- It is a requirement that the OS (binary) has not been modified. ESRI does not provide any support if products are installed on Developer's Release of an Operating System.
- The linux patches from RHEL AS/ES will be supported as long as the patches are supported by the webservers and they are from Red Hat without any modification to the latest kernel/glibc version.

The following packages for the OS install are required for JavaADF to function properly:
- Base Development package
- Base Legacy Software Development package

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**

[60] Notes for Sun Java System Application Server with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- web service catalogs
- ArcGIS Server API
- JCA resource adapter

A servlet engine is not required. A separate JDK is not required.

**Best Performance Configuration**

**System Design Strategies**
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).
ArcGIS Server - Java ADF 9.1 with Linux-Intel Red Hat Enterprise Linux AS/ES 3.0 on The J2EE Reference Implementation 1.3

Quick Links

- Hardware Requirements
- Software Requirements
- Server Notes
- Web Browsers
- Integrated Development Environments

Best Configuration

- **Product:** ArcGIS Server - Java ADF 9.1
- **Platform:** Linux-Intel
- **Operating System:** Red Hat Enterprise Linux AS/ES 3.0
- **Service Packs/Patches:** Update 2 or higher
- **Shipping/Release Date:** May 10, 2005
- **Web Server or Application Server:** The J2EE Reference Implementation
  
  **Web Server or Application Server Version:** 1.3

Hardware Requirements

**CPU Speed:**
1 GB recommended or higher

**Memory/RAM:**
128 MB minimum, 256 MB or higher recommended

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
Complete - 1.4 GB

**Architecture:**
x86 architecture (32-bit)

**Disk Space Requirements:**

For custom installation disk space requirements, please see the program Pre-Installation Summary under the custom install set.

**Notes:**

**OPERATING SYSTEM REQUIREMENTS**

- JavaADF is only supported on Linux x86, on CPUs that adhere to the x86 architecture (32-bit), with supported Linux releases.
- It is a requirement that the OS (binary) has not been modified. ESRI does not provide any support if products are installed on Developer's Release of an Operating System.
- The linux patches from RHEL AS/ES will be supported as long as the patches are supported by the webservers and they are from Red Hat without any modification to the latest kernel/glibc version.

The following packages for the OS install are required for JavaADF to function properly:

- Base Development package
- Base Legacy Software Development package

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**

- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**

If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:

- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:

- J2EE compliant Application Server
The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**

Notes for The J2EE RI with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- JCA resource adapter

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: System Design Strategies.

**ArcGIS Server - Java ADF 9.1 with Linux-Intel Red Hat Enterprise Linux AS/ES 3.0 on Tomcat 5.0.18**

**Quick Links**

- Hardware Requirements
- Software Requirements
- Server Notes
- Web Browsers
- Integrated Development Environments

**Best Configuration**

- **Product:** ArcGIS Server - Java ADF 9.1
- **Platform:** Linux-Intel
- **Operating System:** Red Hat Enterprise Linux AS/ES 3.0
- **Service Packs/Patches:** Update 2 or higher
- **Shipping/Release Date:** May 10, 2005
- **Web Server or Application Server:** Tomcat

**Web Server or Application Server Version:** 5.0.18

**Hardware Requirements**

**CPU Speed:**
1 GB recommended or higher

**Memory/RAM:**
128 MB minimum, 256 MB or higher recommended

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
Complete - 1.4 GB

**Architecture:**
x86 architecture (32-bit)

**Disk Space Requirements:**
For custom installation disk space requirements, please see the program Pre-Installation Summary under the custom install set.

**Notes:**

**OPERATING SYSTEM REQUIREMENTS**
- JavaADF is only supported on Linux x86, on CPUs that adhere to the x86 architecture (32-bit), with supported Linux releases.
- It is a requirement that the OS (binary) has not been modified. ESRI does not provide any support if products are installed on Developer's Release of an Operating System.
- The linux patches from RHEL AS/ES will be supported as long as the patches are supported by the webservers and they are from Red Hat without any modification to the latest kernel/glibc version.

**The following packages for the OS install are required for JavaADF to function properly:**
- Base Development package
- Base Legacy Software Development package

**Software Requirements**

Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server
The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**
Notes for Tomcat with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

**Best Performance Configuration**

**System Design Strategies**
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**ArcGIS Server - Java ADF 9.1 with Linux-Intel Red Hat Enterprise Linux AS/ES 3.0 on WebLogic 8.1 SP4**

**Quick Links**
- [Hardware Requirements](#)
- [Software Requirements](#)
- [Server Notes](#)
Web Browsers
Integrated Development Environments
Best Configuration

**Product:** ArcGIS Server - Java ADF 9.1

**Platform:** Linux-Intel

**Operating System:** Red Hat Enterprise Linux AS/ES 3.0

**Service Packs/Patches:** Update 2 or higher

**Shipping/Release Date:** May 10, 2005

**Web Server or Application Server:** WebLogic

Web Server or Application Server Version: 8.1 SP4

## Hardware Requirements

**CPU Speed:**
1 GB recommended or higher

**Memory/RAM:**
128 MB minimum, 256 MB or higher recommended

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
Complete - 1.4 GB

**Architecture:**
x86 architecture (32-bit)

**Disk Space Requirements:**
For custom installation disk space requirements, please see the program Pre-Installation Summary under the custom install set.

**Notes:**
OPERATING SYSTEM REQUIREMENTS
- JavaADF is only supported on Linux x86, on CPUs that adhere to the x86 architecture (32-bit), with supported Linux releases.
- It is a requirement that the OS (binary) has not been modified. ESRI does not provide any support if products are installed on Developer's Release of an Operating System.
- The linux patches from RHEL AS/ES will be supported as long as the patches are supported by the webservers and they are from Red Hat without any modification to the latest kernel/glibc version.

The following packages for the OS install are required for JavaADF to function properly:
- Base Development package
- Base Legacy Software Development package

Software Requirements
Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

Additional Requirements:
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server
The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

Server Notes
Notes for WebLogic with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API
- JCA resource adapter

A servlet engine is not required.

WebLogic is supported with ArcGIS Server Java ADF 9.0 SP1 or higher for the viewer templates, and with Java ADF 9.1 or higher for the web catalog. At 9.1, the catalog is supported deployed as an unexpanded WAR file, and not as expanded folders and files.

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: System Design Strategies.

**ArcGIS Server - Java ADF 9.1 with Linux-Intel Red Hat Enterprise Linux AS/ES 3.0 on Websphere Application Server 5.1.1**

**Quick Links**

- Hardware Requirements
- Software Requirements
- Server Notes
- Web Browsers
- Integrated Development Environments

**Product:** ArcGIS Server - Java ADF 9.1

**Platform:** Linux-Intel

**Operating System:** Red Hat Enterprise Linux AS/ES 3.0

**Service Packs/Patches:** Update 2 or higher

**Shipping/Release Date:** May 10, 2005

**Web Server or Application Server:** Websphere Application Server

**Web Server or Application Server Version:** 5.1.1
Hardware Requirements

**CPU Speed:**
1 GB recommended or higher

**Memory/RAM:**
128 MB minimum, 256 MB or higher recommended

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
Complete - 1.4 GB

**Architecture:**
x86 architecture (32-bit)

**Disk Space Requirements:**
For custom installation disk space requirements, please see the program Pre-Installation Summary under the custom install set.

**Notes:**

**OPERATING SYSTEM REQUIREMENTS**
- JavaADF is only supported on Linux x86, on CPUs that adhere to the x86 architecture (32-bit), with supported Linux releases.
- It is a requirement that the OS (binary) has not been modified. ESRI does not provide any support if products are installed on Developer's Release of an Operating System.
- The linux patches from RHEL AS/ES will be supported as long as the patches are supported by the webservers and they are from Red Hat without any modification to the latest kernel/glibc version.

The following packages for the OS install are required for JavaADF to function properly:
- Base Development package
- Base Legacy Software Development package

Software Requirements
Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK)
requirement:
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

Additional Requirements:
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server
The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

Server Notes
Notes for WebSphere Application Server with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

Best Performance Configuration
System Design Strategies
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: System Design Strategies.

ArcGIS Server - Java ADF 9.1 with Linux-Intel Red Hat Enterprise Linux AS/ES 3.0 on Websphere Application Server 6

Quick Links
Hardware Requirements
**Software Requirements**

**Server Notes**

**Web Browsers**

**Integrated Development Environments**

**Best Configuration**

- **Product:** ArcGIS Server - Java ADF 9.1
- **Platform:** Linux-Intel
- **Operating System:** Red Hat Enterprise Linux AS/ES 3.0
- **Service Packs/Patches:** Update 2 or higher
- **Shipping/Release Date:** May 10, 2005
- **Web Server or Application Server:** Websphere Application Server

*Web Server or Application Server Version: 6*

---

**Hardware Requirements**

**CPU Speed:**

1 GB recommended or higher

**Memory/RAM:**

128 MB minimum, 256 MB or higher recommended

**Display Properties:**

24 bit color depth

**Screen Resolution:**

1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**

Complete - 1.4 GB

**Architecture:**

x86 architecture (32-bit)

**Disk Space Requirements:**

For custom installation disk space requirements, please see the program Pre-Installation Summary under the custom install set.

**Notes:**
OPERATING SYSTEM REQUIREMENTS
- JavaADF is only supported on Linux x86, on CPUs that adhere to the x86 architecture (32-bit), with supported Linux releases.
- It is a requirement that the OS (binary) has not been modified. ESRI does not provide any support if products are installed on Developer's Release of an Operating System.
- The linux patches from RHEL AS/ES will be supported as long as the patches are supported by the webservers and they are from Red Hat without any modification to the latest kernel/glibc version.

The following packages for the OS install are required for JavaADF to function properly:
- Base Development package
- Base Legacy Software Development package

Software Requirements
Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

Additional Requirements:
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server
The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

Server Notes
Notes for WebSphere Application Server with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).
## Supported Web Servers and Application Servers for ArcGIS Server - Java ADF 9.1 on Linux-Intel SuSE Linux Enterprise Server 9

Click on a server name to get more information.

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<th>Notes</th>
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</tr>
<tr>
<td>Tomcat 5.0.18</td>
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</tbody>
</table>
ArcGIS Server - Java ADF 9.1 with Linux-Intel SuSE Linux Enterprise Server 9 on Apache 2.0.48

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- Hardware Requirements
- Software Requirements
- Servlet Engines
- Web Browsers
- Integrated Development Environments
- Best Configuration

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<tr>
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</thead>
<tbody>
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<td>Linux-Intel</td>
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<tr>
<td>Operating System:</td>
<td>SuSE Linux Enterprise Server 9</td>
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<tr>
<td>Shipping/Release Date:</td>
<td>May 10, 2005</td>
</tr>
<tr>
<td>Web Server or Application Server:</td>
<td>Apache</td>
</tr>
</tbody>
</table>

Web Server or Application Server Version: 2.0.48

Hardware Requirements

CPU Speed:
1 GB recommended or higher

Memory/RAM:
128 MB minimum, 256 MB recommended or higher

Display Properties:
24 bit color depth

Screen Resolution:
1024 x 768 recommended or higher at Normal size (96dpi)

Disk Space:
Complete - 1.4 GB

Architecture:
x86 architecture (32-bit)

Disk Space Requirements:
For custom installation disk space requirements, please see the program Pre-Installation Summary based on custom install set.

Notes:

**OPERATING SYSTEM REQUIREMENTS**
- JavaADF is only supported on Linux x86, on CPUs that adhere to the x86 architecture (32-bit), with supported Linux releases.
- It is a requirement that the OS (binary) has not been modified. ESRI does not provide any support if products are installed on Developer's Release of an Operating System.
- The linux patches for SUSE Linux Enterprise Server 9 will be supported as long as the patches are supported by the webservers and they are from SUSE Linux without any modification to the latest kernel/glibc version.

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Supported Servlet Engines**

Tomcat 5.0.18

Servlet Engine must be Servlet 2.3 and JSP 1.2 Compliant.
Best Performance Configuration

System Design Strategies
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: System Design Strategies.

ArcGIS Server - Java ADF 9.1 with Linux-Intel SuSE Linux Enterprise Server 9 on Tomcat 5.0.18

Quick Links

Hardware Requirements
Software Requirements
Server Notes
Web Browsers
Integrated Development Environments

Best Configuration

Product: ArcGIS Server - Java ADF 9.1

Platform: Linux-Intel

Operating System: SuSE Linux Enterprise Server 9

Shipping/Release Date: May 10, 2005

Web Server or Application Server: Tomcat

Web Server or Application Server Version: 5.0.18

Hardware Requirements

CPU Speed:

1 GB recommended or higher

Memory/RAM:

128 MB minimum, 256 MB recommended or higher

Display Properties:

24 bit color depth

Screen Resolution:

1024 x 768 recommended or higher at Normal size (96dpi)

Disk Space:
Complete - 1.4 GB

**Architecture:**
x86 architecture (32-bit)

**Disk Space Requirements:**
For custom installation disk space requirements, please see the program Pre-Installation Summary based on custom install set.

**Notes:**

**OPERATING SYSTEM REQUIREMENTS**
- JavaADF is only supported on Linux x86, on CPUs that adhere to the x86 architecture (32-bit), with supported Linux releases.
- It is a requirement that the OS (binary) has not been modified. ESRI does not provide any support if products are installed on Developer's Release of an Operating System.
- The linux patches for SUSE Linux Enterprise Server 9 will be supported as long as the patches are supported by the webservers and they are from SUSE Linux without any modification to the latest kernel/glibc version.

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**
Notes for Tomcat with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

**Best Performance Configuration**

**System Design Strategies**
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).
## Supported Web Servers and Application Servers for ArcGIS Server - Java ADF 9.1 on PC-Intel Windows 2000 Professional

Click on a server name to get more information.

<table>
<thead>
<tr>
<th>Web Server or Application Server</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
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<td>Apache 2.0.49</td>
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<tr>
<td>Internet Information Server 5.0</td>
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<td>Oracle Application Server 10g</td>
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<td>The J2EE Reference Implementation 1.3</td>
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<td>Tomcat 5.0.18</td>
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<td>WebLogic 8.1 SP4</td>
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<td>WebSphere Application Server 5.0</td>
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</tbody>
</table>
ArcGIS Server - Java ADF 9.1 with PC-Intel Windows 2000 Professional on Apache 2.0.49

Quick Links

- Hardware Requirements
- Software Requirements
- Servlet Engines
- Web Browsers
- Integrated Development Environments
- Best Configuration

**Best Configuration**

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<th>Product</th>
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<tbody>
<tr>
<td>Platform</td>
<td>PC-Intel</td>
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<tr>
<td>Operating System</td>
<td>Windows 2000 Professional</td>
</tr>
<tr>
<td>Service Packs/Patches</td>
<td>SP3 minimum</td>
</tr>
<tr>
<td>Shipping/Release Date</td>
<td>May 10, 2005</td>
</tr>
</tbody>
</table>

**Web Server or Application Server**: Apache

**Web Server or Application Server Version**: 2.0.49

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**Hardware Requirements**

**CPU Speed:**

1.0 GHz recommended or higher

**Processor:**

Intel Pentium or Intel Xeon Processors

**Memory/RAM:**

512 MB minimum, 1 GB recommended or higher

**Display Properties:**

24 bit color depth

**Screen Resolution:**

1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
Software Requirements

Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

Additional Requirements:
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

Supported Servlet Engines

Tomcat 5.0.18

Notes for Tomcat with ArcGIS Server Java ADF:

The following types of deployments are supported:
a. Directory deployed by the Java ADF arcgisant deployment tool.
b. Directory deployed by the Tomcat administrator.
c. WAR file deployed by the Tomcat administrator with unpackWARs set to 'true'.
d. WAR file deployed by the Tomcat administrator with unpackWARs set to 'false' is only supported with Java ADF 9.0 SP1 or higher for viewer templates, and with Java ADF 9.1 or higher for the catalog template.

Note: The Java ADF arcgisant deployment tool ignores the Tomcat unpackWARs setting and always unpacks the WAR file, expanding it's contents in to folders and files.
Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API

**Best Performance Configuration**

**System Design Strategies**
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**Related Materials**

**Integrated Development Environment:** See the IBM WebSphere Studio support site for additional information: [IBM Websphere Software](#).

**ArcGIS Server - Java ADF 9.1 with PC-Intel Windows 2000 Professional on Internet Information Server 5.0**

**Quick Links**

- Hardware Requirements
- Software Requirements
- Servlet Engines
- Web Browsers
- Integrated Development Environments

**Best Configuration**

- **Product:** ArcGIS Server - Java ADF 9.1
- **Platform:** PC-Intel
- **Operating System:** Windows 2000 Professional
- **Service Packs/Patches:** SP3 minimum
- **Shipping/Release Date:** May 10, 2005
- **Web Server or Application Server:** Internet Information Server

**Web Server or Application Server Version:** 5.0
Hardware Requirements

**CPU Speed:**
1.0 GHz recommended or higher

**Processor:**
Intel Pentium or Intel Xeon Processors

**Memory/RAM:**
512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
893 MB NTFS

Software Requirements

Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.
Jrun 4 Updater 3

Notes for JRun with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API

Java ADF arcgisant deploy and undeploy commands are not provided. Web applications should be built with arcgisant, and deployed/undeployed using the web server administration.

ServletExec ISAPI 5.0 patch 2

[43]Notes for ServletExec with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- web service catalogs
- ArcGIS Server API

JDK 1.5.0_06 is required.


Tomcat 5.0.18

Notes for Tomcat with ArcGIS Server Java ADF:

The following types of deployments are supported:
a. Directory deployed by the Java ADF arcgisant deployment tool.
b. Directory deployed by the Tomcat administrator.
c. WAR file deployed by the Tomcat administrator with unpackWARs set to 'true'.
d. WAR file deployed by the Tomcat administrator with unpackWARs set to 'false' is only supported with Java ADF 9.0 SP1 or higher for viewer templates, and with Java ADF 9.1 or higher for the catalog template.

Note: The Java ADF arcgisant deployment tool ignores the Tomcat unpackWARs setting and always unpacks the WAR file, expanding it's contents into folders and files.

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API

**Best Performance Configuration**

**System Design Strategies**
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**Related Materials**

**Integrated Development Environment**: See the IBM WebSphere Studio support site for additional information: [IBM Websphere Software](#).

**ArcGIS Server - Java ADF 9.1 with PC-Intel Windows 2000 Professional on JRun 4.0**

**Quick Links**

- [Hardware Requirements](#)
- [Software Requirements](#)
- [Server Notes](#)
- [Web Browsers](#)
- [Integrated Development Environments](#)
- **Best Configuration**
  
  **Product**: ArcGIS Server - Java ADF 9.1
  
  **Platform**: PC-Intel
  
  **Operating System**: Windows 2000 Professional
Service Packs/Patches: SP3 minimum

Shipping/Release Date: May 10, 2005

Web Server or Application Server: JRun

Web Server or Application Server Version: 4.0

**Hardware Requirements**

**CPU Speed:**
1.0 GHz recommended or higher

**Processor:**
Intel Pentium or Intel Xeon Processors

**Memory/RAM:**
512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
893 MB NTFS

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB)
applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**

Notes for JRun with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- JCA resource adapter

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**Related Materials**

**Integrated Development Environment**: See the IBM WebSphere Studio support site for additional information: [IBM Websphere Software](#).

**ArcGIS Server - Java ADF 9.1 with PC-Intel Windows 2000 Professional on Oracle Application Server 10g**

**Quick Links**

- Hardware Requirements
- Software Requirements
- Server Notes
- Web Browsers
- Integrated Development Environments

**Best Configuration**

- **Product**: ArcGIS Server - Java ADF 9.1
- **Platform**: PC-Intel
- **Operating System**: Windows 2000 Professional
- **Service Packs/Patches**: SP3 minimum
- **Shipping/Release Date**: May 10, 2005
Web Server or Application Server: Oracle Application Server

Web Server or Application Server Version: 10g

Hardware Requirements

CPU Speed:
1.0 GHz recommended or higher

Processor:
Intel Pentium or Intel Xeon Processors

Memory/RAM:
512 MB minimum, 1 GB recommended or higher

Display Properties:
24 bit color depth

Screen Resolution:
1024 x 768 recommended or higher at Normal size (96dpi)

Disk Space:
893 MB NTFS

Software Requirements

Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:
- JDK version 1.4.2_06 on Windows, Solaris,Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

Additional Requirements:
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server
The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**

Notes for Oracle Application Server 10g with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

**Best Performance Configuration**

**System Design Strategies**
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**Related Materials**

**Integrated Development Environment:** See the IBM WebSphere Studio support site for additional information: [IBM Websphere Software](#).

**ArcGIS Server - Java ADF 9.1 with PC-Intel Windows 2000 Professional on Sun Java System (Sun ONE) Application Server 7.0**

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- Hardware Requirements
- Software Requirements
- Server Notes
- Web Browsers
- Integrated Development Environments
- Best Configuration

  **Product:** ArcGIS Server - Java ADF 9.1

  **Platform:** PC-Intel

  **Operating System:** Windows 2000 Professional
**Service Packs/Patches:** SP3 minimum

**Shipping/Release Date:** May 10, 2005

**Web Server or Application Server:** Sun Java System (Sun ONE) Application Server

**Web Server or Application Server Version:** 7.0

**Hardware Requirements**

**CPU Speed:**
1.0 GHz recommended or higher

**Processor:**
Intel Pentium or Intel Xeon Processors

**Memory/RAM:**
512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
893 MB NTFS

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB)
applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**

[60]Notes for Sun Java System Application Server with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- web service catalogs
- ArcGIS Server API
- JCA resource adapter

A servlet engine is not required. A separate JDK is not required.

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**Related Materials**

**Integrated Development Environment:** See the IBM WebSphere Studio support site for additional information: [IBM Websphere Software](#).

**ArcGIS Server - Java ADF 9.1 with PC-Intel Windows 2000 Professional on Sun Java System (Sun ONE) Application Server 8**

**Quick Links**

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*Product: ArcGIS Server - Java ADF 9.1*
**Platform:** PC-Intel

**Operating System:** Windows 2000 Professional

**Service Packs/Patches:** SP3 minimum

**Shipping/Release Date:** May 10, 2005

**Web Server or Application Server:** Sun Java System (Sun ONE) Application Server

**Web Server or Application Server Version:** 8

---

**Hardware Requirements**

**CPU Speed:**
1.0 GHz recommended or higher

**Processor:**
Intel Pentium or Intel Xeon Processors

**Memory/RAM:**
512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
893 MB NTFS

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**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.2_06 on Windows, Solaris,Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**

Notes for Sun Java System Application Server 8 with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

Sun Java System Application Server 8 is supported with ArcGIS Server Java ADF 9.0 SP1 or higher.

Java ADF arcgisant deploy and undeploy commands are provided for Sun Java System Application Server 8 with Java ADF versions 9.1 and higher. For Java ADF versions 9.0 SP1, 9.0 SP2, and 9.0.1, web applications should be built with arcgisant, and deployed/undeployed using the application server administration.

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**Related Materials**

**Integrated Development Environment:** See the IBM WebSphere Studio support site for additional information: [IBM Websphere Software](#).
ArcGIS Server - Java ADF 9.1 with PC-Intel Windows 2000 Professional on The J2EE Reference Implementation 1.3

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- Hardware Requirements
- Software Requirements
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Web Server or Application Server: The J2EE Reference Implementation

Web Server or Application Server Version: 1.3

Hardware Requirements

**CPU Speed:**
1.0 GHz recommended or higher

**Processor:**
Intel Pentium or Intel Xeon Processors

**Memory/RAM:**
512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
Software Requirements

Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

Additional Requirements:
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server
The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

Server Notes

Notes for The J2EE RI with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- JCA resource adapter

Best Performance Configuration

System Design Strategies
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: System Design Strategies.

Related Materials

Integrated Development Environment: See the IBM WebSphere Studio support site for additional information: IBM Websphere Software.
ArcGIS Server - Java ADF 9.1 with PC-Intel Windows 2000 Professional on Tomcat 5.0.18

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Best Configuration

Product: ArcGIS Server - Java ADF 9.1

Platform: PC-Intel

Operating System: Windows 2000 Professional

Service Packs/Patches: SP3 minimum

Shipping/Release Date: May 10, 2005

Web Server or Application Server: Tomcat

Web Server or Application Server Version: 5.0.18

Hardware Requirements

CPU Speed:
1.0 GHz recommended or higher

Processor:
Intel Pentium or Intel Xeon Processors

Memory/RAM:
512 MB minimum, 1 GB recommended or higher

Display Properties:
24 bit color depth

Screen Resolution:
1024 x 768 recommended or higher at Normal size (96dpi)

Disk Space:
Software Requirements

Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:
- JDK version 1.4.2_06 on Windows, Solaris,Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

Additional Requirements:
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server
The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

Server Notes

Notes for Tomcat with ArcGIS Server Java ADF:

The following types of deployments are supported:
a. Directory deployed by the Java ADF arcgisant deployment tool.
b. Directory deployed by the Tomcat administrator.
c. WAR file deployed by the Tomcat administrator with unpackWARs set to ‘true’.
d. WAR file deployed by the Tomcat administrator with unpackWARs set to ‘false’ is only supported with Java ADF 9.0 SP1 or higher for viewer templates, and with Java ADF 9.1 or higher for the catalog template.
Note: The Java ADF arcgisant deployment tool ignores the Tomcat unpackWARs setting and always unpacks the WAR file, expanding it's contents in to folders and files.

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API
A servlet engine is not required.

**Best Performance Configuration**

**System Design Strategies**
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**Related Materials**

**Integrated Development Environment:** See the IBM WebSphere Studio support site for additional information: [IBM Websphere Software](#).

**ArcGIS Server - Java ADF 9.1 with PC-Intel Windows 2000 Professional on WebLogic 8.1 SP4**

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**Web Server or Application Server Version:** 8.1 SP4

**Hardware Requirements**

**CPU Speed:**

1.0 GHz recommended or higher
Processor:
Intel Pentium or Intel Xeon Processors

Memory/RAM:
512 MB minimum, 1 GB recommended or higher

Display Properties:
24 bit color depth

Screen Resolution:
1024 x 768 recommended or higher at Normal size (96dpi)

Disk Space:
893 MB NTFS

Software Requirements
Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK)
requirement:
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

Additional Requirements:
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or
JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB)
applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to
a J2EE compliant Application Server.

Server Notes
Notes for WebLogic with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API
- JCA resource adapter

A servlet engine is not required.

WebLogic is supported with ArcGIS Server Java ADF 9.0 SP1 or higher for the viewer templates, and with Java ADF 9.1 or higher for the web catalog. At 9.1, the catalog is supported deployed as an unexpanded WAR file, and not as expanded folders and files.

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**Related Materials**

**Integrated Development Environment:** See the IBM WebSphere Studio support site for additional information: [IBM Websphere Software](#).

**ArcGIS Server - Java ADF 9.1 with PC-Intel Windows 2000 Professional on WebSphere Application Server 5.0**

**Quick Links**

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**Best Configuration**

- **Product:** ArcGIS Server - Java ADF 9.1
- **Platform:** PC-Intel
- **Operating System:** Windows 2000 Professional
- **Service Packs/Patches:** SP3 minimum
- **Shipping/Release Date:** May 10, 2005
Hardware Requirements

CPU Speed:
1.0 GHz recommended or higher

Processor:
Intel Pentium or Intel Xeon Processors

Memory/RAM:
512 MB minimum, 1 GB recommended or higher

Display Properties:
24 bit color depth

Screen Resolution:
1024 x 768 recommended or higher at Normal size (96dpi)

Disk Space:
893 MB NTFS

Software Requirements

Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

Additional Requirements:
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server
The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**

Notes for WebSphere Application Server with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- JCA resource adapter

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**Related Materials**

**Integrated Development Environment:** See the IBM WebSphere Studio support site for additional information: [IBM Websphere Software](#).
## Supported Web Servers and Application Servers for ArcGIS Server - Java ADF 9.1 on PC-Intel Windows 2000 Server

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ArcGIS Server - Java ADF 9.1 with PC-Intel Windows 2000 Server on Apache 2.0.49

Quick Links

- Hardware Requirements
- Software Requirements
- Servlet Engines
- Web Browsers
- Integrated Development Environments
- Best Configuration

**Product:** ArcGIS Server - Java ADF 9.1

**Platform:** PC-Intel

**Operating System:** Windows 2000 Server

**Service Packs/Patches:** SP3 minimum

**Shipping/Release Date:** May 10, 2005

**Web Server or Application Server:** Apache

**Web Server or Application Server Version:** 2.0.49

**Hardware Requirements**

**CPU Speed:**

1.0 GHz recommended or higher

**Processor:**

Intel Pentium or Intel Xeon Processors

**Memory/RAM:**

512 MB minimum, 1 GB recommended or higher

**Display Properties:**

24 bit color depth

**Screen Resolution:**

1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
Software Requirements

Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

Additional Requirements:
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server
The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

Supported Servlet Engines

Tomcat 5.0.18

Notes for Tomcat with ArcGIS Server Java ADF:

The following types of deployments are supported:
a. Directory deployed by the Java ADF arcgisant deployment tool.
b. Directory deployed by the Tomcat administrator.
c. WAR file deployed by the Tomcat administrator with unpackWARs set to ‘true’.
d. WAR file deployed by the Tomcat administrator with unpackWARs set to ‘false’ is only supported with Java ADF 9.0 SP1 or higher for viewer templates, and with Java ADF 9.1 or higher for the catalog template.
Note: The Java ADF arcgisant deployment tool ignores the Tomcat unpackWARs setting and always unpacks the WAR file, expanding it's contents in to folders and files.
Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API

**Best Performance Configuration**

**System Design Strategies**
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**ArcGIS Server - Java ADF 9.1 with PC-Intel Windows 2000 Server on Apache 2.0.49**

**Quick Links**

- [Hardware Requirements](#)
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**Product:** ArcGIS Server - Java ADF 9.1

**Platform:** PC-Intel

**Operating System:** Windows 2000 Server

**Service Packs/Patches:** SP3 minimum

**Shipping/Release Date:** May 10, 2005

**Web Server or Application Server:** Apache

**Web Server or Application Server Version:** 2.0.49

**Hardware Requirements**

**CPU Speed:**

1.0 GHz recommended or higher

**Processor:**
Intel Pentium or Intel Xeon Processors

**Memory/RAM:**
512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
893 MB NTFS

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK)**

requirement:
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Supported Servlet Engines**

Tomcat 5.0.18
Notes for Tomcat with ArcGIS Server Java ADF:

The following types of deployments are supported:

a. Directory deployed by the Java ADF arcgisant deployment tool.
b. Directory deployed by the Tomcat administrator.
c. WAR file deployed by the Tomcat administrator with unpackWARs set to 'true'.
d. WAR file deployed by the Tomcat administrator with unpackWARs set to 'false' is only supported with Java ADF 9.0 SP1 or higher for viewer templates, and with Java ADF 9.1 or higher for the catalog template.

Note: The Java ADF arcgisant deployment tool ignores the Tomcat unpackWARs setting and always unpacks the WAR file, expanding it's contents into folders and files.

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**ArcGIS Server - Java ADF 9.1 with PC-Intel Windows 2000 Server on JRun 4.0**

**Quick Links**

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- [Software Requirements](#)
- [Server Notes](#)
- [Web Browsers](#)
- [Integrated Development Environments](#)

**Best Configuration**

*Product:* ArcGIS Server - Java ADF 9.1

*Platform:* PC-Intel

*Operating System:* Windows 2000 Server
**Service Packs/Patches:** SP3 minimum

**Shipping/Release Date:** May 10, 2005

**Web Server or Application Server:** JRun

**Web Server or Application Server Version:** 4.0

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**Hardware Requirements**

**CPU Speed:**
1.0 GHz recommended or higher

**Processor:**
Intel Pentium or Intel Xeon Processors

**Memory/RAM:**
512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
893 MB NTFS

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**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB)
applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**

Notes for JRun with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- JCA resource adapter

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**ArcGIS Server - Java ADF 9.1 with PC-Intel Windows 2000 Server on Oracle Application Server 10g**

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- [Software Requirements](#)
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- [Integrated Development Environments](#)

**Best Configuration**

- **Product:** ArcGIS Server - Java ADF 9.1
- **Platform:** PC-Intel
- **Operating System:** Windows 2000 Server
- **Service Packs/Patches:** SP3 minimum
- **Shipping/Release Date:** May 10, 2005
- **Web Server or Application Server:** Oracle Application Server

**Web Server or Application Server Version:** 10g
Hardware Requirements

CPU Speed:
1.0 GHz recommended or higher

Processor:
Intel Pentium or Intel Xeon Processors

Memory/RAM:
512 MB minimum, 1 GB recommended or higher

Display Properties:
24 bit color depth

Screen Resolution:
1024 x 768 recommended or higher at Normal size (96dpi)

Disk Space:
893 MB NTFS

Software Requirements

Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

Additional Requirements:
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

Server Notes

Notes for Oracle Application Server 10g with ArcGIS Server Java ADF:
Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**ArcGIS Server - Java ADF 9.1 with PC-Intel Windows 2000 Server on Sun Java System (Sun ONE) Application Server 7.0**

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**Best Configuration**

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</tbody>
</table>

**Web Server or Application Server Version**: 7.0

**Hardware Requirements**

**CPU Speed**:

1.0 GHz recommended or higher
**Processor:**
Intel Pentium or Intel Xeon Processors

**Memory/RAM:**
512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
893 MB NTFS

---

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server
The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

---

**Server Notes**

[60]Notes for Sun Java System Application Server with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- web service catalogs
- ArcGIS Server API
- JCA resource adapter

A servlet engine is not required. A separate JDK is not required.

**Best Performance Configuration**

**System Design Strategies**
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**ArcGIS Server - Java ADF 9.1 with PC-Intel Windows 2000 Server on Sun Java System (Sun ONE) Application Server 8**

**Quick Links**

- Hardware Requirements
- Software Requirements
- Server Notes
- Web Browsers
- Integrated Development Environments

**Best Configuration**

- **Product:** ArcGIS Server - Java ADF 9.1
- **Platform:** PC-Intel
- **Operating System:** Windows 2000 Server
- **Service Packs/Patches:** SP3 minimum
- **Shipping/Release Date:** May 10, 2005
- **Web Server or Application Server:** Sun Java System (Sun ONE) Application Server
  - **Web Server or Application Server Version:** 8

**Hardware Requirements**

**CPU Speed:**

1.0 GHz recommended or higher

**Processor:**
Intel Pentium or Intel Xeon Processors

Memory/RAM:
512 MB minimum, 1 GB recommended or higher

Display Properties:
24 bit color depth

Screen Resolution:
1024 x 768 recommended or higher at Normal size (96dpi)

Disk Space:
893 MB NTFS

Software Requirements

Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

Additional Requirements:
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

Server Notes

Notes for Sun Java System Application Server 8 with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API
A servlet engine is not required.

Sun Java System Application Server 8 is supported with ArcGIS Server Java ADF 9.0 SP1 or higher.

Java ADF arcgisant deploy and undeploy commands are provided for Sun Java System Application Server 8 with Java ADF versions 9.1 and higher. For Java ADF versions 9.0 SP1, 9.0 SP2, and 9.0.1, web applications should be built with arcgisant, and deployed/undeployed using the application server administration.

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**ArcGIS Server - Java ADF 9.1 with PC-Intel Windows 2000 Server on The J2EE Reference Implementation 1.3**

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**Best Configuration**

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<td>Service Packs/Patches:</td>
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<td>Shipping/Release Date:</td>
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<td>The J2EE Reference Implementation</td>
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**Web Server or Application Server Version:** 1.3
**Hardware Requirements**

**CPU Speed:**
1.0 GHz recommended or higher

**Processor:**
Intel Pentium or Intel Xeon Processors

**Memory/RAM:**
512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
893 MB NTFS

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**
Notes for The J2EE RI with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- JCA resource adapter

**Best Performance Configuration**

**System Design Strategies**
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**ArcGIS Server - Java ADF 9.1 with PC-Intel Windows 2000 Server on Tomcat 5.0.18**

**Quick Links**

- Hardware Requirements
- Software Requirements
- Server Notes
- Web Browsers
- Integrated Development Environments

**Best Configuration**

- **Product:** ArcGIS Server - Java ADF 9.1
- **Platform:** PC-Intel
- **Operating System:** Windows 2000 Server
- **Service Packs/Patches:** SP3 minimum
- **Shipping/Release Date:** May 10, 2005
- **Web Server or Application Server:** Tomcat

**Web Server or Application Server Version:** 5.0.18

**Hardware Requirements**

**CPU Speed:**
1.0 GHz recommended or higher

**Processor:**
Intel Pentium or Intel Xeon Processors
Memory/RAM:
512 MB minimum, 1 GB recommended or higher

Display Properties:
24 bit color depth

Screen Resolution:
1024 x 768 recommended or higher at Normal size (96dpi)

Disk Space:
893 MB NTFS

Software Requirements

Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK)
requirement:
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

Additional Requirements:
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server
The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

Server Notes

Notes for Tomcat with ArcGIS Server Java ADF:

The following types of deployments are supported:
- Directory deployed by the Java ADF arggisant deployment tool.
- Directory deployed by the Tomcat administrator.
- WAR file deployed by the Tomcat administrator with unpackWARs set to ‘true’.
- WAR file deployed by the Tomcat administrator with unpackWARs set to ‘false’ is only
supported with Java ADF 9.0 SP1 or higher for viewer templates, and with Java ADF 9.1 or higher for the catalog template.

Note: The Java ADF arcgisant deployment tool ignores the Tomcat unpackWARs setting and always unpacks the WAR file, expanding it's contents in to folders and files.

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**ArcGIS Server - Java ADF 9.1 with PC-Intel Windows 2000 Server on WebLogic 8.1 SP4**

**Quick Links**

- [Hardware Requirements](#)
- [Software Requirements](#)
- [Server Notes](#)
- [Web Browsers](#)
- [Integrated Development Environments](#)

**Best Configuration**

- **Product:** ArcGIS Server - Java ADF 9.1
- **Platform:** PC-Intel
- **Operating System:** Windows 2000 Server
- **Service Packs/Patches:** SP3 minimum
- **Shipping/Release Date:** May 10, 2005
- **Web Server or Application Server:** WebLogic
Web Server or Application Server Version: 8.1 SP4

**Hardware Requirements**

**CPU Speed:**
1.0 GHz recommended or higher

**Processor:**
Intel Pentium or Intel Xeon Processors

**Memory/RAM:**
512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
893 MB NTFS

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.
**Server Notes**

Notes for WebLogic with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API
- JCA resource adapter

A servlet engine is not required.

WebLogic is supported with ArcGIS Server Java ADF 9.0 SP1 or higher for the viewer templates, and with Java ADF 9.1 or higher for the web catalog. At 9.1, the catalog is supported deployed as an unexpanded WAR file, and not as expanded folders and files.

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**ArcGIS Server - Java ADF 9.1 with PC-Intel Windows 2000 Server on WebSphere Application Server 5.0**

**Quick Links**

[Hardware Requirements](#)
[Software Requirements](#)
[Server Notes](#)
[Web Browsers](#)
[Integrated Development Environments](#)

**Best Configuration**

- **Product:** ArcGIS Server - Java ADF 9.1
- **Platform:** PC-Intel
- **Operating System:** Windows 2000 Server
- **Service Packs/Patches:** SP3 minimum
Shipping/Release Date: May 10, 2005

Web Server or Application Server: WebSphere Application Server

Web Server or Application Server Version: 5.0

Hardware Requirements

CPU Speed:
1.0 GHz recommended or higher

Processor:
Intel Pentium or Intel Xeon Processors

Memory/RAM:
512 MB minimum, 1 GB recommended or higher

Display Properties:
24 bit color depth

Screen Resolution:
1024 x 768 recommended or higher at Normal size (96dpi)

Disk Space:
893 MB NTFS

Software Requirements

Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

Additional Requirements:
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server
The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**

Notes for WebSphere Application Server with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- JCA resource adapter

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**ArcGIS Server - Java ADF 9.1 with PC-Intel Windows 2000 Server on WebSphere Application Server 5.1**

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</table>

- **Product:** ArcGIS Server - Java ADF 9.1
- **Platform:** PC-Intel
- **Operating System:** Windows 2000 Server
- **Service Packs/Patches:** SP3 minimum
- **Shipping/Release Date:** May 10, 2005
- **Web Server or Application Server:** WebSphere Application Server
- **Web Server or Application Server Version:** 5.1

**Hardware Requirements**

**CPU Speed:**
1.0 GHz recommended or higher

**Processor:**
Intel Pentium or Intel Xeon Processors

**Memory/RAM:**
512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
893 MB NTFS

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**

Notes for WebSphere Application Server with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API
- JCA resource adapter

A servlet engine is not required.

ArcGIS Server Java ADF 9.0 SP1 or higher is required for the viewer templates; Java ADF 9.1 or higher is required for the web catalog.

**Best Performance Configuration**

**System Design Strategies**
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: System Design Strategies.
Supported Web Servers and Application Servers for ArcGIS Server - Java ADF 9.1 on PC-Intel Windows 2003 Server

Click on a server name to get more information.

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ArcGIS Server - Java ADF 9.1 with PC-Intel Windows 2003 Server on Apache 2.0.49

Quick Links

- Hardware Requirements
- Software Requirements
- Servlet Engines
- Web Browsers
- Integrated Development Environments
- Best Configuration

**Product:** ArcGIS Server - Java ADF 9.1

**Platform:** PC-Intel

**Operating System:** Windows 2003 Server

**Service Packs/Patches:** SP1 (optional)

**Shipping/Release Date:** May 10, 2005

**Hardware Certification Date:** May 23, 2005

**Web Server or Application Server:** Apache

**Web Server or Application Server Version:** 2.0.49

**Hardware Requirements**

**CPU Speed:**

1.0 GHz recommended or higher

**Processor:**

Intel Pentium or Intel Xeon Processors

**Memory/RAM:**

512 MB minimum, 1 GB recommended or higher

**Display Properties:**

24 bit color depth
Screen Resolution:
1024 x 768 recommended or higher at Normal size (96dpi)

Disk Space:
893 MB NTFS

Software Requirements

Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

Additional Requirements:
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

Supported Servlet Engines

Tomcat 5.0.18

Notes for Tomcat with ArcGIS Server Java ADF:

The following types of deployments are supported:
- Directory deployed by the Java ADF arcgisant deployment tool.
- Directory deployed by the Tomcat administrator.
- WAR file deployed by the Tomcat administrator with unpackWARs set to ‘true’.
- WAR file deployed by the Tomcat administrator with unpackWARs set to ‘false’ is only supported with Java ADF 9.0 SP1 or higher for viewer templates, and with Java ADF 9.1
or higher for the catalog template.
Note: The Java ADF arcgisant deployment tool ignores the Tomcat unpackWARs setting and always unpacks the WAR file, expanding it's contents into folders and files.

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API

**Best Performance Configuration**

**System Design Strategies**
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: System Design Strategies.

**ArcGIS Server - Java ADF 9.1 with PC-Intel Windows 2003 Server on Internet Information Server 6.0**

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**Product:** ArcGIS Server - Java ADF 9.1

**Platform:** PC-Intel

**Operating System:** Windows 2003 Server

**Service Packs/Patches:** SP1 (optional)

**Shipping/Release Date:** May 10, 2005

**Hardware Certification Date:** May 23, 2005

**Web Server or Application Server:** Internet Information Server

**Web Server or Application Server Version:** 6.0
Hardware Requirements

CPU Speed:
1.0 GHz recommended or higher

Processor:
Intel Pentium or Intel Xeon Processors

Memory/RAM:
512 MB minimum, 1 GB recommended or higher

Display Properties:
24 bit color depth

Screen Resolution:
1024 x 768 recommended or higher at Normal size (96dpi)

Disk Space:
893 MB NTFS

Software Requirements

Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

Additional Requirements:
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.
Supported Servlet Engines

ServletExec ISAPI 5.0 patch 2

[43]Notes for ServletExec with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- web service catalogs
- ArcGIS Server API

JDK 1.5.0_06 is required.


Tomcat 5.0.18

Notes for Tomcat with ArcGIS Server Java ADF:

The following types of deployments are supported:
- Directory deployed by the Java ADF arcgisant deployment tool.
- Directory deployed by the Tomcat administrator.
- WAR file deployed by the Tomcat administrator with unpackWARs set to ‘true’.
- WAR file deployed by the Tomcat administrator with unpackWARs set to ‘false’ is only supported with Java ADF 9.0 SP1 or higher for viewer templates, and with Java ADF 9.1 or higher for the catalog template.

Note: The Java ADF arcgisant deployment tool ignores the Tomcat unpackWARs setting and always unpacks the WAR file, expanding it's contents into folders and files.

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

### ArcGIS Server - Java ADF 9.1 with PC-Intel Windows 2003 Server on JRun 4.0

#### Quick Links

- Hardware Requirements
- Software Requirements
- Server Notes
- Web Browsers
- Integrated Development Environments

#### Best Configuration

- **Product:** ArcGIS Server - Java ADF 9.1
- **Platform:** PC-Intel
- **Operating System:** Windows 2003 Server
- **Service Packs/Patches:** SP1 (optional)
- **Shipping/Release Date:** May 10, 2005
- **Hardware Certification Date:** May 23, 2005
- **Web Server or Application Server:** JRun

**Web Server or Application Server Version:** 4.0

#### Hardware Requirements

**CPU Speed:**

1.0 GHz recommended or higher

**Processor:**

Intel Pentium or Intel Xeon Processors
Memory/RAM:
512 MB minimum, 1 GB recommended or higher

Display Properties:
24 bit color depth

Screen Resolution:
1024 x 768 recommended or higher at Normal size (96dpi)

Disk Space:
893 MB NTFS

Software Requirements
Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK)
requirement:
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

Additional Requirements:
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

Server Notes
Notes for JRun with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- JCA resource adapter

Best Performance Configuration
System Design Strategies

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: System Design Strategies.

ArcGIS Server - Java ADF 9.1 with PC-Intel Windows 2003 Server on Oracle Application Server 10g

Quick Links

- Hardware Requirements
- Software Requirements
- Server Notes
- Web Browsers
- Integrated Development Environments

Best Configuration

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Web Server or Application Server Version: 10g

Hardware Requirements

CPU Speed:
1.0 GHz recommended or higher

Processor:
Intel Pentium or Intel Xeon Processors

Memory/RAM:
512 MB minimum, 1 GB recommended or higher

Display Properties:
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
893 MB NTFS

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**

Notes for Oracle Application Server 10g with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

**Best Performance Configuration**
System Design Strategies
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: System Design Strategies.

ArcGIS Server - Java ADF 9.1 with PC-Intel Windows 2003 Server on Sun Java System (Sun ONE) Application Server 8

Quick Links

Hardware Requirements
Software Requirements
Server Notes
Web Browsers
Integrated Development Environments

Best Configuration

Product: ArcGIS Server - Java ADF 9.1
Platform: PC-Intel
Operating System: Windows 2003 Server
Service Packs/Patches: SP1 (optional)
Shipping/Release Date: May 10, 2005
Hardware Certification Date: May 23, 2005
Web Server or Application Server: Sun Java System (Sun ONE) Application Server
Web Server or Application Server Version: 8

Hardware Requirements

CPU Speed:
1.0 GHz recommended or higher

Processor:
Intel Pentium or Intel Xeon Processors

Memory/RAM:
512 MB minimum, 1 GB recommended or higher

Display Properties:
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
893 MB NTFS

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK)** requirement:
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**

Notes for Sun Java System Application Server 8 with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

Sun Java System Application Server 8 is supported with ArcGIS Server Java ADF 9.0 SP1 or
Java ADF arcgisant deploy and undeploy commands are provided for Sun Java System Application Server 8 with Java ADF versions 9.1 and higher. For Java ADF versions 9.0 SP1, 9.0 SP2, and 9.0.1, web applications should be built with arcgisant, and deployed/undeployed using the application server administration.

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**ArcGIS Server - Java ADF 9.1 with PC-Intel Windows 2003 Server on The J2EE Reference Implementation 1.3**

**Quick Links**

- Hardware Requirements
- Software Requirements
- Server Notes
- Web Browsers
- Integrated Development Environments

**Best Configuration**

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**Web Server or Application Server Version:** 1.3

**Hardware Requirements**
**CPU Speed:**
1.0 GHz recommended or higher

**Processor:**
Intel Pentium or Intel Xeon Processors

**Memory/RAM:**
512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
893 MB NTFS

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**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

---

**Server Notes**

Notes for The J2EE RI with ArcGIS Server Java ADF:
Supported uses of the Java ADF are:
- JCA resource adapter

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**ArcGIS Server - Java ADF 9.1 with PC-Intel Windows 2003 Server on Tomcat 5.0.18**

**Quick Links**

- Hardware Requirements
- Software Requirements
- Server Notes
- Web Browsers
- Integrated Development Environments

**Best Configuration**

- **Product:** ArcGIS Server - Java ADF 9.1
- **Platform:** PC-Intel
- **Operating System:** Windows 2003 Server
- **Service Packs/Patches:** SP1 (optional)
- **Shipping/Release Date:** May 10, 2005
- **Hardware Certification Date:** May 23, 2005
- **Web Server or Application Server:** Tomcat

**Web Server or Application Server Version:** 5.0.18

**Hardware Requirements**

**CPU Speed:**

1.0 GHz recommended or higher

**Processor:**

Intel Pentium or Intel Xeon Processors
Memory/RAM:
512 MB minimum, 1 GB recommended or higher

Display Properties:
24 bit color depth

Screen Resolution:
1024 x 768 recommended or higher at Normal size (96dpi)

Disk Space:
893 MB NTFS

Software Requirements

Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

Additional Requirements:
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

Server Notes

Notes for Tomcat with ArcGIS Server Java ADF:

The following types of deployments are supported:

a. Directory deployed by the Java ADF arcgisant deployment tool.
b. Directory deployed by the Tomcat administrator.
c. WAR file deployed by the Tomcat administrator with unpackWARs set to ‘true’.
d. WAR file deployed by the Tomcat administrator with unpackWARs set to ‘false’ is only
supported with Java ADF 9.0 SP1 or higher for viewer templates, and with Java ADF 9.1 or higher for the catalog template.

Note: The Java ADF arcgisant deployment tool ignores the Tomcat unpackWARs setting and always unpacks the WAR file, expanding it's contents in to folders and files.

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

**Best Performance Configuration**

**System Design Strategies**
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: System Design Strategies.

**ArcGIS Server - Java ADF 9.1 with PC-Intel Windows 2003 Server on WebLogic 8.1 SP4**

**Quick Links**

- Hardware Requirements
- Software Requirements
- Server Notes
- Web Browsers
- Integrated Development Environments

**Best Configuration**

*Product:* ArcGIS Server - Java ADF 9.1

*Platform:* PC-Intel

*Operating System:* Windows 2003 Server

*Service Packs/Patches:* SP1 (optional)

*Shipping/Release Date:* May 10, 2005

*Hardware Certification Date:* May 23, 2005
**Web Server or Application Server:** WebLogic

**Web Server or Application Server Version:** 8.1 SP4

---

**Hardware Requirements**

**CPU Speed:**
1.0 GHz recommended or higher

**Processor:**
Intel Pentium or Intel Xeon Processors

**Memory/RAM:**
512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
893 MB NTFS

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**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server
The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**

Notes for WebLogic with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API
- JCA resource adapter

A servlet engine is not required.

WebLogic is supported with ArcGIS Server Java ADF 9.0 SP1 or higher for the viewer templates, and with Java ADF 9.1 or higher for the web catalog. At 9.1, the catalog is supported deployed as an unexpanded WAR file, and not as expanded folders and files.

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**ArcGIS Server - Java ADF 9.1 with PC-Intel Windows 2003 Server on WebSphere Application Server 5.0**

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**Best Configuration**

**Product:** ArcGIS Server - Java ADF 9.1

**Platform:** PC-Intel

**Operating System:** Windows 2003 Server
Service Packs/Patches: SP1 (optional)

Shipping/Release Date: May 10, 2005

Hardware Certification Date: May 23, 2005

Web Server or Application Server: WebSphere Application Server

Web Server or Application Server Version: 5.0

## Hardware Requirements

**CPU Speed:**

1.0 GHz recommended or higher

**Processor:**

Intel Pentium or Intel Xeon Processors

**Memory/RAM:**

512 MB minimum, 1 GB recommended or higher

**Display Properties:**

24 bit color depth

**Screen Resolution:**

1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**

893 MB NTFS

## Software Requirements

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**

- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**

If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:

- Web server
- Servlet engine
If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**

Notes for WebSphere Application Server with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- JCA resource adapter

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**ArcGIS Server - Java ADF 9.1 with PC-Intel Windows 2003 Server on WebSphere Application Server 5.1**

**Quick Links**

- [Hardware Requirements](#)
- [Software Requirements](#)
- [Server Notes](#)
- [Web Browsers](#)
- [Integrated Development Environments](#)
- [Best Configuration](#)

- **Product:** ArcGIS Server - Java ADF 9.1
- **Platform:** PC-Intel
- **Operating System:** Windows 2003 Server
- **Service Packs/Patches:** SP1 (optional)
- **Shipping/Release Date:** May 10, 2005
- **Hardware Certification Date:** May 23, 2005
Web Server or Application Server: WebSphere Application Server

Web Server or Application Server Version: 5.1

**Hardware Requirements**

**CPU Speed:**
1.0 GHz recommended or higher

**Processor:**
Intel Pentium or Intel Xeon Processors

**Memory/RAM:**
512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
893 MB NTFS

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server
The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**

Notes for WebSphere Application Server with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API
- JCA resource adapter

A servlet engine is not required.

ArcGIS Server Java ADF 9.0 SP1 or higher is required for the viewer templates; Java ADF 9.1 or higher is required for the web catalog.

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).
### Supported Web Servers and Application Servers for ArcGIS Server - Java ADF 9.1 on PC-Intel Windows XP Professional Edition

Click on a server name to get more information.

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ArcGIS Server - Java ADF 9.1 with PC-Intel Windows XP Professional Edition on Apache 2.0.49

Quick Links

- Hardware Requirements
- Software Requirements
- Servlet Engines
- Web Browsers
- Integrated Development Environments
- Best Configuration
- Limitations

Product: ArcGIS Server - Java ADF 9.1
Platform: PC-Intel
Operating System: Windows XP Professional Edition
Service Packs/Patches: SP 1, SP2 (refer to Limitations)
Shipping/Release Date: May 10, 2005
Web Server or Application Server: Apache

Web Server or Application Server Version: 2.0.49

Hardware Requirements

CPU Speed:
1.0 Ghz recommended or higher

Processor:
Intel Pentium or Intel Xeon Processors

Memory/RAM:
512 MB minimum, 1 GB recommended or higher

Display Properties:
24 bit color depth

Screen Resolution:
1024 x 768 recommended or higher at Normal size (96dpi)
**Disk Space:**
893 MB NTFS

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Supported Servlet Engines**

Tomcat 5.0.18

Notes for Tomcat with ArcGIS Server Java ADF:

The following types of deployments are supported:
a. Directory deployed by the Java ADF arcgisant deployment tool.
b. Directory deployed by the Tomcat administrator.
c. WAR file deployed by the Tomcat administrator with unpackWARs set to 'true'.
d. WAR file deployed by the Tomcat administrator with unpackWARs set to 'false' is only supported with Java ADF 9.0 SP1 or higher for viewer templates, and with Java ADF 9.1 or higher for the catalog template.

Note: The Java ADF arcgisant deployment tool ignores the Tomcat unpackWARs setting and always unpacks the WAR file, expanding it's contents into folders and files.
Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API

**Best Performance Configuration**

**System Design Strategies**
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**Limitations**

**Platform:** ArcGIS Server - Java ADF 9.1 on Windows XP is certified with limitations.
Refer to ESRI Knowledge Base Article [FAQ: Issues with Windows XP Service Pack 2, Service Pack 3 and ArcGIS 9.x products](#) for details.

**Related Materials**

**Integrated Development Environment:** See the IBM WebSphere Studio support site for additional information: [IBM WebSphere Software](#).

**ArcGIS Server - Java ADF 9.1 with PC-Intel Windows XP Professional Edition on Internet Information Server 5.1**

**Quick Links**

- [Hardware Requirements](#)
- [Software Requirements](#)
- [Servlet Engines](#)
- [Web Browsers](#)
- [Integrated Development Environments](#)
- [Best Configuration](#)
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**Product:** ArcGIS Server - Java ADF 9.1

**Platform:** PC-Intel
Operating System: Windows XP Professional Edition

Service Packs/Patches: SP 1
SP2 (refer to Limitations)

Shipping/Release Date: May 10, 2005

Web Server or Application Server: Internet Information Server

Web Server or Application Server Version: 5.1

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**Hardware Requirements**

**CPU Speed:**
1.0 Ghz recommended or higher

**Processor:**
Intel Pentium or Intel Xeon Processors

**Memory/RAM:**
512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
893 MB NTFS

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**Software Requirements**

Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine
If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Supported Servlet Engines**

Jrun 4 Updater 3

Notes for JRun with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API

Java ADF arcgisant deploy and undeploy commands are not provided. Web applications should be built with arcgisant, and deployed/undeployed using the web server administration.

ServletExec ISAPI 5.0 patch 2

[43]Notes for ServletExec with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- web service catalogs
- ArcGIS Server API

JDK 1.5.0_06 is required.

ArcGIS Server Java ADF supports ServletExec 5.0 with patch 2. See

Tomcat 5.0.18

Notes for Tomcat with ArcGIS Server Java ADF:

The following types of deployments are supported:
- a. Directory deployed by the Java ADF arcgisant deployment tool.
- b. Directory deployed by the Tomcat administrator.
- c. WAR file deployed by the Tomcat administrator with unpackWARs set to ‘true’.
- d. WAR file deployed by the Tomcat administrator with unpackWARs set to ‘false’ is only supported with Java ADF 9.0 SP1 or higher for viewer templates, and with Java ADF 9.1 or higher for the catalog template.

Note: The Java ADF arcgisant deployment tool ignores the Tomcat unpackWARs setting and always unpacks the WAR file, expanding it's contents in to folders and files.

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API

**Best Performance Configuration**

**System Design Strategies**
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: System Design Strategies.

**Limitations**

**Platform: ArcGIS Server - Java ADF 9.1 on Windows XP is certified with limitations.**
Refer to ESRI Knowledge Base Article FAQ:Issues with Windows XP Service Pack 2, Service Pack 3 and ArcGIS 9.x products for details.

**Related Materials**
**Integrated Development Environment:** See the IBM WebSphere Studio support site for additional information: [IBM Websphere Software](https://www-01.ibm.com/software/websphere/).

**ArcGIS Server - Java ADF 9.1 with PC-Intel Windows XP Professional Edition on JRun 4.0**

### Quick Links

- Hardware Requirements
- Software Requirements
- Server Notes
- Web Browsers
- Integrated Development Environments
- Best Configuration
- Limitations

#### Limitations

- **Product:** ArcGIS Server - Java ADF 9.1
- **Platform:** PC-Intel
- **Operating System:** Windows XP Professional Edition
- **Service Packs/Patches:** SP 1, SP2 (refer to [Limitations](#))
- **Shipping/Release Date:** May 10, 2005
- **Web Server or Application Server:** JRun

**Web Server or Application Server Version:** 4.0

### Hardware Requirements

**CPU Speed:**

1.0 Ghz recommended or higher

**Processor:**

Intel Pentium or Intel Xeon Processors

**Memory/RAM:**

512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
893 MB NTFS

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
  - Web server
  - Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
  - J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**

Notes for JRun with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
  - JCA resource adapter

**Best Performance Configuration**

**System Design Strategies**
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**Limitations**
Platform: ArcGIS Server - Java ADF 9.1 on Windows XP is certified with limitations.
Refer to ESRI Knowledge Base Article FAQ:Issues with Windows XP Service Pack 2, Service Pack 3 and ArcGIS 9.x products for details.

Related Materials

Integrated Development Environment: See the IBM WebSphere Studio support site for additional information: IBM Websphere Software.

ArcGIS Server - Java ADF 9.1 with PC-Intel Windows XP Professional Edition on Oracle Application Server 10g

Quick Links

Hardware Requirements
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Best Configuration

Limitations

Product: ArcGIS Server - Java ADF 9.1
Platform: PC-Intel
Operating System: Windows XP Professional Edition
Service Packs/Patches: SP 1
Service Packs/Patches: SP2 (refer to Limitations)
Shipping/Release Date: May 10, 2005
Web Server or Application Server: Oracle Application Server

Web Server or Application Server Version: 10g

Hardware Requirements

CPU Speed:
1.0 Ghz recommended or higher

Processor:
Intel Pentium or Intel Xeon Processors

**Memory/RAM:**
512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
893 MB NTFS

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**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

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**Server Notes**

Notes for Oracle Application Server 10g with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API
A servlet engine is not required.

**Best Performance Configuration**

**System Design Strategies**
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: System Design Strategies.

**Limitations**

**Platform:** ArcGIS Server - Java ADF 9.1 on Windows XP is certified with limitations.
Refer to ESRI Knowledge Base Article FAQ:Issues with Windows XP Service Pack 2, Service Pack 3 and ArcGIS 9.x products for details.

**Related Materials**

**Integrated Development Environment:** See the IBM WebSphere Studio support site for additional information: IBM Websphere Software.

**ArcGIS Server - Java ADF 9.1 with PC-Intel Windows XP Professional Edition on Sun Java System (Sun ONE) Application Server 7.0**

**Quick Links**

- Hardware Requirements
- Software Requirements
- Server Notes
- Web Browsers
- Integrated Development Environments
- Best Configuration
- Limitations

**Product:** ArcGIS Server - Java ADF 9.1

**Platform:** PC-Intel

**Operating System:** Windows XP Professional Edition

**Service Packs/Patches:** SP 1
Shipping/Release Date: May 10, 2005

Web Server or Application Server: Sun Java System (Sun ONE) Application Server

Web Server or Application Server Version: 7.0

Hardware Requirements

CPU Speed:
1.0 Ghz recommended or higher

Processor:
Intel Pentium or Intel Xeon Processors

Memory/RAM:
512 MB minimum, 1 GB recommended or higher

Display Properties:
24 bit color depth

Screen Resolution:
1024 x 768 recommended or higher at Normal size (96dpi)

Disk Space:
893 MB NTFS

Software Requirements

Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

Additional Requirements:
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB)
applications, the following are required:
- J2EE compliant Application Server
The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**

[60]Notes for Sun Java System Application Server with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- web service catalogs
- ArcGIS Server API
- JCA resource adapter

A servlet engine is not required. A separate JDK is not required.

**Best Performance Configuration**

**System Design Strategies**
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**Limitations**

**Platform:** ArcGIS Server - Java ADF 9.1 on Windows XP is certified with limitations.
Refer to ESRI Knowledge Base Article [FAQ:Issues with Windows XP Service Pack 2, Service Pack 3 and ArcGIS 9.x products](#) for details.

**Related Materials**

**Integrated Development Environment:** See the IBM WebSphere Studio support site for additional information: [IBM Websphere Software](#).

**ArcGIS Server - Java ADF 9.1 with PC-Intel Windows XP Professional Edition on Sun Java System (Sun ONE) Application Server 8**

**Quick Links**

[Hardware Requirements](#)
Software Requirements

Server Notes

Web Browsers

Integrated Development Environments

Best Configuration

Limitations

Product: ArcGIS Server - Java ADF 9.1

Platform: PC-Intel

Operating System: Windows XP Professional Edition

Service Packs/Patches: SP 1

Shipping/Release Date: May 10, 2005

Web Server or Application Server: Sun Java System (Sun ONE) Application Server

Web Server or Application Server Version: 8

Hardware Requirements

CPU Speed:

1.0 Ghz recommended or higher

Processor:

Intel Pentium or Intel Xeon Processors

Memory/RAM:

512 MB minimum, 1 GB recommended or higher

Display Properties:

24 bit color depth

Screen Resolution:

1024 x 768 recommended or higher at Normal size (96dpi)

Disk Space:

893 MB NTFS

Software Requirements
Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK)

requirement:
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

Additional Requirements:
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
  - Web server
  - Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
  - J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

Server Notes
Notes for Sun Java System Application Server 8 with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
  - webcontrols
  - templates
  - ArcGIS Server API

A servlet engine is not required.

Sun Java System Application Server 8 is supported with ArcGIS Server Java ADF 9.0 SP1 or higher.

Java ADF arcgisant deploy and undeploy commands are provided for Sun Java System Application Server 8 with Java ADF versions 9.1 and higher. For Java ADF versions 9.0 SP1, 9.0 SP2, and 9.0.1, web applications should be built with arcgisant, and deployed/undeployed using the application server administration.

Best Performance Configuration
System Design Strategies

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

Limitations

**Platform:** ArcGIS Server - Java ADF 9.1 on Windows XP is certified with limitations.

Refer to ESRI Knowledge Base Article [FAQ:Issues with Windows XP Service Pack 2, Service Pack 3 and ArcGIS 9.x products](#) for details.

Related Materials

**Integrated Development Environment:** See the IBM WebSphere Studio support site for additional information: [IBM Websphere Software](#).

**ArcGIS Server - Java ADF 9.1 with PC-Intel Windows XP Professional Edition on The J2EE Reference Implementation 1.3**

**Quick Links**

- [Hardware Requirements](#)
- [Software Requirements](#)
- [Server Notes](#)
- [Web Browsers](#)
- [Integrated Development Environments](#)
- [Best Configuration](#)
- [Limitations](#)

**Product:** ArcGIS Server - Java ADF 9.1

**Platform:** PC-Intel

**Operating System:** Windows XP Professional Edition

**Service Packs/Patches:** SP 1

**Shipping/Release Date:** May 10, 2005

**Web Server or Application Server:** The J2EE Reference Implementation

**Web Server or Application Server Version:** 1.3
**Hardware Requirements**

**CPU Speed:**
1.0 Ghz recommended or higher

**Processor:**
Intel Pentium or Intel Xeon Processors

**Memory/RAM:**
512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
893 MB NTFS

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**
Notes for The J2EE RI with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- JCA resource adapter

**Best Performance Configuration**

**System Design Strategies**
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**Limitations**

**Platform:** ArcGIS Server - Java ADF 9.1 on Windows XP is certified with limitations.
Refer to ESRI Knowledge Base Article [FAQ:Issues with Windows XP Service Pack 2, Service Pack 3 and ArcGIS 9.x products](#) for details.

**Related Materials**

**Integrated Development Environment:** See the IBM WebSphere Studio support site for additional information: [IBM Websphere Software](#).

**ArcGIS Server - Java ADF 9.1 with PC-Intel Windows XP Professional Edition on Tomcat 5.0.18**

**Quick Links**

- Hardware Requirements
- Software Requirements
- Server Notes
- Web Browsers
- Integrated Development Environments
- Best Configuration
- Limitations

**Product:** ArcGIS Server - Java ADF 9.1

**Platform:** PC-Intel

**Operating System:** Windows XP Professional Edition

**Service Packs/Patches:** SP 1
Shipping/Release Date: May 10, 2005

Web Server or Application Server: Tomcat

Web Server or Application Server Version: 5.0.18

Hardware Requirements

CPU Speed:
1.0 Ghz recommended or higher

Processor:
Intel Pentium or Intel Xeon Processors

Memory/RAM:
512 MB minimum, 1 GB recommended or higher

Display Properties:
24 bit color depth

Screen Resolution:
1024 x 768 recommended or higher at Normal size (96dpi)

Disk Space:
893 MB NTFS

Software Requirements

Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

Additional Requirements:
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB)
applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**

Notes for Tomcat with ArcGIS Server Java ADF:

The following types of deployments are supported:

a. Directory deployed by the Java ADF arcgisant deployment tool.
b. Directory deployed by the Tomcat administrator.
c. WAR file deployed by the Tomcat administrator with unpackWARs set to ‘true’.
d. WAR file deployed by the Tomcat administrator with unpackWARs set to ‘false’ is only supported with Java ADF 9.0 SP1 or higher for viewer templates, and with Java ADF 9.1 or higher for the catalog template.

Note: The Java ADF arcgisant deployment tool ignores the Tomcat unpackWARs setting and always unpacks the WAR file, expanding it's contents in to folders and files.

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: System Design Strategies.

**Limitations**

**Platform: ArcGIS Server - Java ADF 9.1 on Windows XP is certified with limitations.**

Refer to ESRI Knowledge Base Article FAQ:Issues with Windows XP Service Pack 2, Service Pack 3 and ArcGIS 9.x products for details.

**Related Materials**
**Integrated Development Environment:** See the IBM WebSphere Studio support site for additional information: [IBM Websphere Software](http://www.ibm.com/software/webservers/studio/support/).

**ArcGIS Server - Java ADF 9.1 with PC-Intel Windows XP Professional Edition on WebLogic 8.1 SP4**

**Quick Links**

- Hardware Requirements
- Software Requirements
- Server Notes
- Web Browsers
- Integrated Development Environments
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SP2 (refer to Limitations) |
| Shipping/Release Date | May 10, 2005  |
| Web Server or Application Server | WebLogic                 |

*Web Server or Application Server Version: 8.1 SP4*

**Hardware Requirements**

**CPU Speed:**
1.0 Ghz recommended or higher

**Processor:**
Intel Pentium or Intel Xeon Processors

**Memory/RAM:**
512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
893 MB NTFS

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**

Notes for WebLogic with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API
- JCA resource adapter

A servlet engine is not required.
WebLogic is supported with ArcGIS Server Java ADF 9.0 SP1 or higher for the viewer templates, and with Java ADF 9.1 or higher for the web catalog. At 9.1, the catalog is supported deployed as an unexpanded WAR file, and not as expanded folders and files.

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**Limitations**

**Platform:** ArcGIS Server - Java ADF 9.1 on Windows XP is certified with limitations.

Refer to ESRI Knowledge Base Article [FAQ: Issues with Windows XP Service Pack 2, Service Pack 3 and ArcGIS 9.x products](#) for details.

**Related Materials**

**Integrated Development Environment:** See the IBM WebSphere Studio support site for additional information: [IBM Websphere Software](#).

**ArcGIS Server - Java ADF 9.1 with PC-Intel Windows XP Professional Edition on WebSphere Application Server 5.0**

**Quick Links**

- Hardware Requirements
- Software Requirements
- Server Notes
- Web Browsers
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Shipping/Release Date: May 10, 2005

Web Server or Application Server: WebSphere Application Server

Web Server or Application Server Version: 5.0

**Hardware Requirements**

**CPU Speed:**
1.0 Ghz recommended or higher

**Processor:**
Intel Pentium or Intel Xeon Processors

**Memory/RAM:**
512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
893 MB NTFS

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server
The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**

Notes for WebSphere Application Server with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- JCA resource adapter

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**Limitations**

**Platform:** ArcGIS Server - Java ADF 9.1 on Windows XP is certified with limitations. Refer to ESRI Knowledge Base Article [FAQ:Issues with Windows XP Service Pack 2, Service Pack 3 and ArcGIS 9.x products](#) for details.

**Related Materials**

**Integrated Development Environment:** See the IBM WebSphere Studio support site for additional information: [IBM Websphere Software](#).
## Supported Web Servers and Application Servers for ArcGIS Server - Java ADF 9.1 on Sun Solaris 8 (SPARC)

Click on a server name to get more information.

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ArcGIS Server - Java ADF 9.1 with Sun Solaris 8 (SPARC) on Apache 2.0.46

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**Best Configuration**

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**Web Server or Application Server Version:** 2.0.46

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**Hardware Requirements**

**Memory/RAM:**

512 MB minimum, 1 GB recommended or higher

**Display Properties:**

24 bit color depth

**Screen Resolution:**

1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**

Complete - 1.4 GB

**Disk Space Requirements:**

For custom installation disk space requirements, please see the program Pre-Installation Summary based on custom install set.

**Software Requirements**
Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

Additional Requirements:
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server
The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

Supported Servlet Engines

ServletExec AS 5.0 patch 2

[43]Notes for ServletExec with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- web service catalogs
- ArcGIS Server API

JDK 1.5.0_06 is required.

ArcGIS Server Java ADF supports ServletExec 5.0 with patch 2. See http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94 for directions on determining the version and patch level of ServletExec you have installed.
ServletExec_5_0p02.zip is available from ftp://ftp.newatlanta.com/public/servletexec/5_0/patches/.

Tomcat 5.0.18

Servlet Engine must be Servlet 2.3 and JSP 1.2 Compliant.

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: System Design Strategies.

**ArcGIS Server - Java ADF 9.1 with Sun Solaris 8 (SPARC) on Apache 2.0.48**

**Quick Links**

- Hardware Requirements
- Software Requirements
- Servlet Engines
- Web Browsers
- Integrated Development Environments
- Best Configuration

**Product:** ArcGIS Server - Java ADF 9.1

**Platform:** Sun

**Operating System:** Solaris 8 (SPARC)

**Shipping/Release Date:** May 10, 2005

**Web Server or Application Server:** Apache

**Web Server or Application Server Version:** 2.0.48

**Hardware Requirements**

**Memory/RAM:**

512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
Complete - 1.4 GB

**Disk Space Requirements:**
For custom installation disk space requirements, please see the program Pre-Installation Summary based on custom install set.

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.2_06 on Windows, Solaris,Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Supported Servlet Engines**

Tomcat 5.0.25

**Best Performance Configuration**
System Design Strategies
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: System Design Strategies.

ArcGIS Server - Java ADF 9.1 with Sun Solaris 8 (SPARC) on Oracle Application Server 10g

Quick Links

- Hardware Requirements
- Software Requirements
- Server Notes
- Web Browsers
- Integrated Development Environments

Best Configuration

Product: ArcGIS Server - Java ADF 9.1
Platform: Sun
Operating System: Solaris 8 (SPARC)
Shipping/Release Date: May 10, 2005
Web Server or Application Server: Oracle Application Server

Web Server or Application Server Version: 10g

Hardware Requirements

Memory/RAM:
512 MB minimum, 1 GB recommended or higher

Display Properties:
24 bit color depth

Screen Resolution:
1024 x 768 recommended or higher at Normal size (96dpi)

Disk Space:
Complete - 1.4 GB

Disk Space Requirements:
For custom installation disk space requirements, please see the program Pre-Installation Summary based on custom install set.

**Software Requirements**

Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**

Notes for Oracle Application Server 10g with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).
ArcGIS Server - Java ADF 9.1 with Sun Solaris 8 (SPARC) on ServletExec AS 5.0 patch 2

Quick Links

Hardware Requirements
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Best Configuration

Product: ArcGIS Server - Java ADF 9.1
Platform: Sun
Operating System: Solaris 8 (SPARC)
Shipping/Release Date: May 10, 2005
Web Server or Application Server: ServletExec AS

Web Server or Application Server Version: 5.0 patch 2

Hardware Requirements

Memory/RAM:
512 MB minimum, 1 GB recommended or higher

Display Properties:
24 bit color depth

Screen Resolution:
1024 x 768 recommended or higher at Normal size (96dpi)

Disk Space:
Complete - 1.4 GB

Disk Space Requirements:
For custom installation disk space requirements, please see the program Pre-Installation Summary based on custom install set.

Software Requirements
Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK)
requirement:
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

Additional Requirements:
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

Server Notes
[42]Notes for Servlet Exec with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- web service catalogs
- ArcGIS Server API

A servlet engine is not required. JDK 1.5.0_06 is required.

ArcGIS Server Java ADF supports ServletExec 5.0 with patch 2. See http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94 for directions on determining the version and patch level of ServletExec you have installed.
ServletExec_5_0p02.zip is available from ftp://ftp.newatlanta.com/public/servletexec/5_0/patches/.

Best Performance Configuration
**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**ArcGIS Server - Java ADF 9.1 with Sun Solaris 8 (SPARC) on Sun Java System (Sun ONE) Application Server 7.0**

### Quick Links

- Hardware Requirements
- Software Requirements
- Server Notes
- Web Browsers
- Integrated Development Environments

### Best Configuration

**Product:** ArcGIS Server - Java ADF 9.1  
**Platform:** Sun  
**Operating System:** Solaris 8 (SPARC)  
**Shipping/Release Date:** May 10, 2005  
**Web Server or Application Server:** Sun Java System (Sun ONE) Application Server  
**Web Server or Application Server Version:** 7.0

### Hardware Requirements

**Memory/RAM:**  
512 MB minimum, 1 GB recommended or higher

**Display Properties:**  
24 bit color depth

**Screen Resolution:**  
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**  
Complete - 1.4 GB

**Disk Space Requirements:**
For custom installation disk space requirements, please see the program Pre-Installation Summary based on custom install set.

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server
The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**
Notes for Sun Java System Application Server with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

**Best Performance Configuration**

**System Design Strategies**
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: System Design Strategies.
Hardware Requirements

Memory/RAM:
512 MB minimum, 1 GB recommended or higher

Display Properties:
24 bit color depth

Screen Resolution:
1024 x 768 recommended or higher at Normal size (96dpi)

Disk Space:
Complete - 1.4 GB

Disk Space Requirements:
For custom installation disk space requirements, please see the program Pre-Installation Summary based on custom install set.

Software Requirements
Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

Additional Requirements:
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

Server Notes
Notes for The J2EE RI with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- JCA resource adapter

Best Performance Configuration

System Design Strategies
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: System Design Strategies.

ArcGIS Server - Java ADF 9.1 with Sun Solaris 8 (SPARC) on Tomcat 5.0.18

Quick Links

- Hardware Requirements
- Software Requirements
- Server Notes
- Web Browsers
- Integrated Development Environments
- Best Configuration
**Product:** ArcGIS Server - Java ADF 9.1

**Platform:** Sun

**Operating System:** Solaris 8 (SPARC)

**Shipping/Release Date:** May 10, 2005

**Web Server or Application Server:** Tomcat

**Web Server or Application Server Version:** 5.0.18

---

### Hardware Requirements

**Memory/RAM:**
512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
Complete - 1.4 GB

**Disk Space Requirements:**
For custom installation disk space requirements, please see the program Pre-Installation Summary based on custom install set.

---

### Software Requirements

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine
If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**

Notes for Tomcat with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**ArcGIS Server - Java ADF 9.1 with Sun Solaris 8 (SPARC) on WebLogic 8.1 SP4**

**Quick Links**

- Hardware Requirements
- Software Requirements
- Server Notes
- Web Browsers
- Integrated Development Environments

**Best Configuration**

- **Product:** ArcGIS Server - Java ADF 9.1
- **Platform:** Sun
- **Operating System:** Solaris 8 (SPARC)
Shipping/Release Date: May 10, 2005

Web Server or Application Server: WebLogic

Web Server or Application Server Version: 8.1 SP4

**Hardware Requirements**

**Memory/RAM:**
512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
Complete - 1.4 GB

**Disk Space Requirements:**
For custom installation disk space requirements, please see the program Pre-Installation Summary based on custom install set.

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server
The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**

Notes for WebLogic with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

WebLogic is supported with ArcGIS Server Java ADF 9.0 SP1 or higher for the viewer templates, and with Java ADF 9.1 or higher for the web catalog. At 9.1, the catalog is supported deployed as an unexpanded WAR file, and not as expanded folders and files.

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**ArcGIS Server - Java ADF 9.1 with Sun Solaris 8 (SPARC) on WebSphere Application Server 5.1**

**Quick Links**

- Hardware Requirements
- Software Requirements
- Server Notes
- Web Browsers
- Integrated Development Environments

**Best Configuration**

- **Product:** ArcGIS Server - Java ADF 9.1
- **Platform:** Sun
- **Operating System:** Solaris 8 (SPARC)
Shipping/Release Date: May 10, 2005

Web Server or Application Server: WebSphere Application Server

Web Server or Application Server Version: 5.1

**Hardware Requirements**

**Memory/RAM:**
512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
Complete - 1.4 GB

**Disk Space Requirements:**
For custom installation disk space requirements, please see the program Pre-Installation Summary based on custom install set.

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server
The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**

Notes for WebSphere Application Server with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

ArcGIS Server Java ADF 9.0 SP1 or higher is required for the viewer templates; Java ADF 9.1 or higher is required for the web catalog.

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).
# Supported Web Servers and Application Servers for ArcGIS Server - Java ADF 9.1 on Sun Solaris 9 (SPARC)

Click on a server name to get more information.

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ArcGIS Server - Java ADF 9.1 with Sun Solaris 9 (SPARC) on Apache 2.0.46

Quick Links

- Hardware Requirements
- Software Requirements
- Servlet Engines
- Web Browsers
- Integrated Development Environments
- Best Configuration

Product: ArcGIS Server - Java ADF 9.1

Platform: Sun

Operating System: Solaris 9 (SPARC)

Shipping/Release Date: May 10, 2005

Web Server or Application Server: Apache

Web Server or Application Server Version: 2.0.46

Hardware Requirements

CPU Speed:
1.0 GHz recommended or higher

Memory/RAM:
512 MB minimum, 1 GB recommended or higher

Display Properties:
24 bit color depth

Screen Resolution:
1024 x 768 recommended or higher at Normal size (96dpi)

Disk Space:
Complete - 1.4 GB

Disk Space Requirements:
For custom installation disk space requirements, please see the program Pre-Installation Summary based on a Custom install set.
Software Requirements

Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

Additional Requirements:
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

Supported Servlet Engines

ServletExec AS 5.0 patch 2

[43]Notes for ServletExec with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- web service catalogs
- ArcGIS Server API

JDK 1.5.0_06 is required.

ArcGIS Server Java ADF supports ServletExec 5.0 with patch 2. See http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94 for directions on determining the version and patch level of ServletExec you have installed.
ServletExec_5_0p02.zip is available from

Tomcat 5.0.18

Servlet Engine must be Servlet 2.3 and JSP 1.2 Compliant.

**Best Performance Configuration**

**System Design Strategies**
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**ArcGIS Server - Java ADF 9.1 with Sun Solaris 9 (SPARC) on Apache 2.0.48**

**Quick Links**
- Hardware Requirements
- Software Requirements
- Servlet Engines
- Web Browsers
- Integrated Development Environments
- **Best Configuration**

  **Product:** ArcGIS Server - Java ADF 9.1
  **Platform:** Sun
  **Operating System:** Solaris 9 (SPARC)
  **Shipping/Release Date:** May 10, 2005
  **Web Server or Application Server:** Apache

  **Web Server or Application Server Version:** 2.0.48

**Hardware Requirements**

**CPU Speed:**
1.0 GHz recommended or higher

**Memory/RAM:**
512 MB minimum, 1 GB recommended or higher
**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
Complete - 1.4 GB

**Disk Space Requirements:**
For custom installation disk space requirements, please see the program Pre-Installation Summary based on a Custom install set.

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Supported Servlet Engines**

Tomcat 5.0.25

**Best Performance Configuration**
System Design Strategies
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: System Design Strategies.

ArcGIS Server - Java ADF 9.1 with Sun Solaris 9 (SPARC) on Oracle Application Server 10g

Quick Links

Hardware Requirements
Software Requirements
Server Notes
Web Browsers
Integrated Development Environments

Best Configuration

Product: ArcGIS Server - Java ADF 9.1
Platform: Sun
Operating System: Solaris 9 (SPARC)
Shipping/Release Date: May 10, 2005
Web Server or Application Server: Oracle Application Server
Web Server or Application Server Version: 10g

Hardware Requirements

CPU Speed:
1.0 GHz recommended or higher

Memory/RAM:
512 MB minimum, 1 GB recommended or higher

Display Properties:
24 bit color depth

Screen Resolution:
1024 x 768 recommended or higher at Normal size (96dpi)

Disk Space:
Complete - 1.4 GB

**Disk Space Requirements:**
For custom installation disk space requirements, please see the program Pre-Installation Summary based on a Custom install set.

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server
The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**
Notes for Oracle Application Server 10g with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

**Best Performance Configuration**

**System Design Strategies**
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).
ArcGIS Server - Java ADF 9.1 with Sun Solaris 9 (SPARC) on ServletExec AS 5.0 patch 2

Quick Links

Hardware Requirements
Software Requirements
Server Notes
Web Browsers
Integrated Development Environments

Best Configuration

Product: ArcGIS Server - Java ADF 9.1
Platform: Sun
Operating System: Solaris 9 (SPARC)
Shipping/Release Date: May 10, 2005
Web Server or Application Server: ServletExec AS

Web Server or Application Server Version: 5.0 patch 2

Hardware Requirements

CPU Speed:
1.0 GHz recommended or higher

Memory/RAM:
512 MB minimum, 1 GB recommended or higher

Display Properties:
24 bit color depth

Screen Resolution:
1024 x 768 recommended or higher at Normal size (96dpi)

Disk Space:
Complete - 1.4 GB

Disk Space Requirements:
For custom installation disk space requirements, please see the program Pre-Installation Summary based on a Custom install set.
**Software Requirements**

Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**

[42]Notes for Servlet Exec with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- web service catalogs
- ArcGIS Server API

A servlet engine is not required. JDK 1.5.0_06 is required.


**Best Performance Configuration**
**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**ArcGIS Server - Java ADF 9.1 with Sun Solaris 9 (SPARC) on Sun Java System (Sun ONE) Application Server 7.0**

### Quick Links

- Hardware Requirements
- Software Requirements
- Server Notes
- Web Browsers
- Integrated Development Environments

### Best Configuration

- **Product:** ArcGIS Server - Java ADF 9.1
- **Platform:** Sun
- **Operating System:** Solaris 9 (SPARC)
- **Shipping/Release Date:** May 10, 2005
- **Web Server or Application Server:** Sun Java System (Sun ONE) Application Server
- **Web Server or Application Server Version:** 7.0

### Hardware Requirements

**CPU Speed:**

1.0 GHz recommended or higher

**Memory/RAM:**

512 MB minimum, 1 GB recommended or higher

**Display Properties:**

24 bit color depth

**Screen Resolution:**

1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**

Complete - 1.4 GB
Disk Space Requirements:
For custom installation disk space requirements, please see the program Pre-Installation Summary based on a Custom install set.

Software Requirements
Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

Additional Requirements:
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

Server Notes
Notes for Sun Java System Application Server with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

Best Performance Configuration
System Design Strategies
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: System Design Strategies.
ArcGIS Server - Java ADF 9.1 with Sun Solaris 9 (SPARC) on The J2EE Reference Implementation 1.3

Quick Links

- Hardware Requirements
- Software Requirements
- Server Notes
- Web Browsers
- Integrated Development Environments

Best Configuration

- **Product:** ArcGIS Server - Java ADF 9.1
- **Platform:** Sun
- **Operating System:** Solaris 9 (SPARC)
- **Shipping/Release Date:** May 10, 2005
- **Web Server or Application Server:** The J2EE Reference Implementation
- **Web Server or Application Server Version:** 1.3

### Hardware Requirements

**CPU Speed:**
1.0 GHz recommended or higher

**Memory/RAM:**
512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
Complete - 1.4 GB

**Disk Space Requirements:**
For custom installation disk space requirements, please see the program Pre-Installation Summary based on a Custom install set.
Software Requirements

Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

Additional Requirements:
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server
The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

Server Notes
Notes for The J2EE RI with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- JCA resource adapter

Best Performance Configuration

System Design Strategies
Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: System Design Strategies.

ArcGIS Server - Java ADF 9.1 with Sun Solaris 9 (SPARC) on Tomcat 5.0.18

Quick Links
- Hardware Requirements
- Software Requirements
- Server Notes
- Web Browsers
- Integrated Development Environments
Best Configuration

Product: ArcGIS Server - Java ADF 9.1
Platform: Sun
Operating System: Solaris 9 (SPARC)
Shipping/Release Date: May 10, 2005
Web Server or Application Server: Tomcat

Web Server or Application Server Version: 5.0.18

Hardware Requirements

CPU Speed:
1.0 GHz recommended or higher

Memory/RAM:
512 MB minimum, 1 GB recommended or higher

Display Properties:
24 bit color depth

Screen Resolution:
1024 x 768 recommended or higher at Normal size (96dpi)

Disk Space:
Complete - 1.4 GB

Disk Space Requirements:
For custom installation disk space requirements, please see the program Pre-Installation Summary based on a Custom install set.

Software Requirements

Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:
- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

Additional Requirements:
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or
JSP based web applications, the following are required:
- Web server
- Servlet engine

If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**

Notes for Tomcat with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**ArcGIS Server - Java ADF 9.1 with Sun Solaris 9 (SPARC) on WebLogic 8.1 SP4**

Quick Links

- [Hardware Requirements](#)
- [Software Requirements](#)
- [Server Notes](#)
- [Web Browsers](#)
- [Integrated Development Environments](#)
- [Best Configuration](#)

*Product:* ArcGIS Server - Java ADF 9.1
**Platform:** Sun

**Operating System:** Solaris 9 (SPARC)

**Shipping/Release Date:** May 10, 2005

**Web Server or Application Server:** WebLogic

**Web Server or Application Server Version:** 8.1 SP4

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**Hardware Requirements**

**CPU Speed:**

1.0 GHz recommended or higher

**Memory/RAM:**

512 MB minimum, 1 GB recommended or higher

**Display Properties:**

24 bit color depth

**Screen Resolution:**

1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**

Complete - 1.4 GB

**Disk Space Requirements:**

For custom installation disk space requirements, please see the program Pre-Installation Summary based on a Custom install set.

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**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**

- JDK version 1.4.2_06 on Windows, Solaris, Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**

If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:

- Web server
- Servlet engine
If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server

The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**

Notes for WebLogic with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

WebLogic is supported with ArcGIS Server Java ADF 9.0 SP1 or higher for the viewer templates, and with Java ADF 9.1 or higher for the web catalog. At 9.1, the catalog is supported deployed as an unexpanded WAR file, and not as expanded folders and files.

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).

**ArcGIS Server - Java ADF 9.1 with Sun Solaris 9 (SPARC) on WebSphere Application Server 5.1**

**Quick Links**

- Hardware Requirements
- Software Requirements
- Server Notes
- Web Browsers
- Integrated Development Environments
- Best Configuration

*Product:* ArcGIS Server - Java ADF 9.1
**Platform:** Sun

**Operating System:** Solaris 9 (SPARC)

**Shipping/Release Date:** May 10, 2005

**Web Server or Application Server:** WebSphere Application Server

**Web Server or Application Server Version:** 5.1

### Hardware Requirements

**CPU Speed:**
1.0 GHz recommended or higher

**Memory/RAM:**
512 MB minimum, 1 GB recommended or higher

**Display Properties:**
24 bit color depth

**Screen Resolution:**
1024 x 768 recommended or higher at Normal size (96dpi)

**Disk Space:**
Complete - 1.4 GB

**Disk Space Requirements:**
For custom installation disk space requirements, please see the program Pre-Installation Summary based on a Custom install set.

### Software Requirements

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.2_06 on Windows, Solaris,Linux, and HP-UX.
- JDK version 1.4.2 on AIX.

**Additional Requirements:**
If you are using the ArcGIS Server Java ADF Web controls and Web templates to build Servlet or JSP based web applications, the following are required:
- Web server
- Servlet engine
If you are using the ArcGIS Server Java ADF to develop or build Enterprise Java Bean (EJB) applications, the following are required:
- J2EE compliant Application Server
The J2EE compliant resource adapter provided with ArcGIS Server Java ADF must be deployed to a J2EE compliant Application Server.

**Server Notes**

Notes for WebSphere Application Server with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:
- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

ArcGIS Server Java ADF 9.0 SP1 or higher is required for the viewer templates; Java ADF 9.1 or higher is required for the web catalog.

**Best Performance Configuration**

**System Design Strategies**

Recommended platform sizing and system configuration strategies are provided in the System Design Strategies technical reference document available at: [System Design Strategies](#).
Supported web browsers for ArcGIS Server - Java ADF

- Internet Explorer 6.0 or higher
  - PC-Intel Windows 2000 Professional
    - Your Web Browser must be DOM compliant.
  - PC-Intel Windows XP Professional Edition
    - Your Web Browser must be DOM compliant.

- Mozilla 1.4
  - Sun Solaris 9 (SPARC)

- Mozilla 1.5
  - PC-Intel Windows 2000 Professional
  - PC-Intel Windows 2000 Server
  - PC-Intel Windows 2003 Server
  - PC-Intel Windows XP Professional Edition
  - Sun Solaris 9 (SPARC)

- Mozilla 1.6.23
  - HP HP-UX 11.i (32 bit or 64 bit) PA RISC

- Mozilla 1.7.2
  - PC-Intel Windows 2000 Professional
  - PC-Intel Windows 2000 Server
  - PC-Intel Windows 2003 Server
  - PC-Intel Windows XP Professional Edition
  - Sun Solaris 9 (SPARC)

- Netscape Communicator 6.2 or higher
  - Sun Solaris 9 (SPARC)
    - Your Web Browser must be DOM compliant.

- Netscape Communicator 7.0 or higher
  - PC-Intel Windows 2000 Professional
    - Your Web Browser must be DOM compliant.
  - PC-Intel Windows XP Professional Edition
    - Your Web Browser must be DOM compliant.
- **Netscape Communicator 7.1**
  - PC-Intel Windows 2000 Professional
  - PC-Intel Windows 2000 Server
  - PC-Intel Windows XP Professional Edition

- **Netscape Communicator 7.2**
  - PC-Intel Windows 2000 Professional
  - PC-Intel Windows 2000 Server

**Supported Integrated Development Environments for ArcGIS Server - Java ADF**

**IBM - Rational Application Developer for WebSphere 6.0**

- **PC-Intel Windows 2000 Professional**
  - Related Materials: See the IBM WebSphere Studio support site for additional information: IBM Websphere Software.

- **PC-Intel Windows XP Professional Edition**
  - Related Materials: See the IBM WebSphere Studio support site for additional information: IBM Websphere Software.