ArcGIS Server 9.0.1 System Requirements

This PDF contains system requirements information, including hardware requirements, best performance configurations, and limitations, for ArcGIS Server for the ArcGIS Server 9.0.1.

- Linux-Intel Red Hat Enterprise Linux AS/ES 3.0
- Linux-Intel SuSE Linux Enterprise Server 9
- Sun Solaris 8 (SPARC)
- Sun Solaris 9 (SPARC)
  - Application Developer Frameworks for ArcGIS Server 9.0.1
    - ArcGIS Server - .Net ADF
    - No web server and application server platform information available.
    - No web browser information available.

- 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
    - Linux-Intel SUSE Linux Enterprise Server 9
    - Sun Solaris 8 (SPARC)
    - Sun Solaris 9 (SPARC)

- Supported web browsers for ArcGIS Server - Java ADF
ArcGIS Server 9.0.1 on Linux-Intel Red Hat Enterprise Linux AS/ES 3.0

<table>
<thead>
<tr>
<th>Product:</th>
<th>ArcGIS Server 9.0.1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Platform:</td>
<td>Linux-Intel</td>
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<tr>
<td>Operating System:</td>
<td>Red Hat Enterprise Linux AS/ES 3.0</td>
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<tr>
<td>Service Packs/Patches:</td>
<td>Update 2 or higher</td>
</tr>
<tr>
<td>Shipping/Release Date:</td>
<td>January 10, 2005</td>
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</table>

**Hardware Requirements**

**CPU Speed:**
800 MHz minimum, 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 - 650 MB, Complete - 1.3 GB

**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.
24-bit color depth enabled

**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 9.0.1 on Linux-Intel SUSE Linux Enterprise Server 9**

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<td>Platform</td>
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<tr>
<td>Operating System</td>
<td>SUSE Linux Enterprise Server 9</td>
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**Hardware Requirements**

**CPU Speed:**

800 MHz minimum - 1.0 GHz recommended or higher

**Processor:**

x86 architecture (32-bit)

**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)

**Swap Space:**

256 MB minimum, 512 MB recommended

**Disk Space:**

Typical - 650 MB, Complete - 1.3 GB

**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 will be supported as long as the patches are from Suse without any modification to the latest kernel/glibc version.
**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 9 install CD.
- OpenGL: `XFree86-Mesa-libGL`, version 4.3.99, which is installed by default with SuSE 9.
- 24-bit color depth enabled

**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 9.0.1 on Sun Solaris 8 (SPARC)

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<tr>
<th>Product:</th>
<th>ArcGIS Server 9.0.1</th>
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<tr>
<td>Platform:</td>
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<tr>
<td>Operating System:</td>
<td>Solaris 8 (SPARC)</td>
</tr>
<tr>
<td>Shipping/Release Date:</td>
<td>January 10, 2005</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**CPU Speed:**
800 MHz minimum, 1.0 GHz or higher recommended

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

**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 - 1.4 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 1.2 or higher.
24-bit capable graphics accelerator

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 9.0.1 on Sun Solaris 9 (SPARC)

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**Hardware Requirements**

**CPU Speed:**

800 MHz minimum, 1.0 GHz or higher recommended

**Memory/RAM:**

512 MB minimum - 1 GB or higher recommended

**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 - 1.4 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 1.2 or higher.

24-bit capable graphics accelerator
**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 9.0.1

ArcGIS Server - .Net ADF

- No web server and application server platform information available.
- No web browser information available.

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
- Linux-Intel SUSE Linux Enterprise Server 9
- Sun Solaris 8 (SPARC)
- Sun Solaris 9 (SPARC)
## Supported Web Servers and Application Servers for ArcGIS Server - Java ADF 9.0.1 on HP HP-UX 11.i (32 bit or 64 bit) PA RISC

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>ServletExec AS 5.0 patch 2</td>
<td></td>
</tr>
<tr>
<td>Sun Java System (Sun ONE) Application Server 7.0</td>
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</tr>
<tr>
<td>Tomcat 4.1.29</td>
<td>Limitations</td>
</tr>
<tr>
<td>Tomcat 5.0.18</td>
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</table>
ArcGIS Server - Java ADF 9.0.1 with HP HP-UX 11.i (32 bit or 64 bit) PA RISC on Apache 2.0.46

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<thead>
<tr>
<th>Product:</th>
<th>ArcGIS Server - Java ADF 9.0.1</th>
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<tbody>
<tr>
<td>Platform:</td>
<td>HP</td>
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<tr>
<td>Operating System:</td>
<td>HP-UX 11.i (32 bit or 64 bit) PA RISC</td>
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<td>Shipping/Release Date:</td>
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<td>Web Server or Application Server:</td>
<td>Apache</td>
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<tr>
<td>Web Server or Application Server Version:</td>
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</tbody>
</table>

### Hardware Requirements

**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:**

835 MB

### Software Requirements

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

- JDK version 1.4.1 on Windows or AIX.  
- JDK version 1.4.2 on Solaris, HP-UX, or Linux.

**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 4.1.29

[48] Notes for Tomcat 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.

**Limitations:** 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://jakarta.apache.org/tomcat/faq/memory.html
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=15845

**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 9.0.1 with HP HP-UX 11.i (32 bit or 64 bit) PA RISC on ServletExec AS 5.0 patch 2

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<th>Product:</th>
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<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>Web Server or Application Server:</td>
<td>ServletExec AS</td>
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<tr>
<td>Web Server or Application Server Version:</td>
<td>5.0 patch 2</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**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:**

835 MB

**Software Requirements**

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

- JDK version 1.4.1 on Windows or AIX.  
- JDK version 1.4.2 on Solaris, HP-UX, or Linux.

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

<table>
<thead>
<tr>
<th>Product:</th>
<th>ArcGIS Server - Java ADF 9.0.1</th>
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</thead>
<tbody>
<tr>
<td>Platform:</td>
<td>HP</td>
</tr>
<tr>
<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>
<td>January 10, 2005</td>
</tr>
<tr>
<td>Web Server or Application Server:</td>
<td>Sun Java System (Sun ONE) Application Server</td>
</tr>
<tr>
<td>Web Server or Application Server Version:</td>
<td>7.0</td>
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</table>

**Hardware Requirements**

**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:**
835 MB

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.1 on Windows or AIX.
- JDK version 1.4.2 on Solaris, HP-UX, or Linux.

**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 9.0.1 with HP HP-UX 11.i (32 bit or 64 bit) PA RISC on Tomcat 4.1.29

<table>
<thead>
<tr>
<th><strong>Product:</strong></th>
<th>ArcGIS Server - Java ADF 9.0.1</th>
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</thead>
<tbody>
<tr>
<td><strong>Platform:</strong></td>
<td>HP</td>
</tr>
<tr>
<td><strong>Operating System:</strong></td>
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<tr>
<td><strong>Shipping/Release Date:</strong></td>
<td>January 10, 2005</td>
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<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>4.1.29</td>
</tr>
</tbody>
</table>

#### Hardware Requirements

**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:**

- 835 MB

#### Software Requirements

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

- JDK version 1.4.1 on Windows or AIX.
- JDK version 1.4.2 on Solaris, HP-UX, or Linux.

**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**

[57]Notes for Tomcat 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.

**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:

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http://nagoya.apache.org/bugzilla/show_bug.cgi?id=15845
## Hardware Requirements

**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:**
835 MB

## Software Requirements

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.1 on Windows or AIX.
- JDK version 1.4.2 on Solaris, HP-UX, or Linux.

**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](System%20Design%20Strategies).
## Supported Web Servers and Application Servers for ArcGIS Server - Java ADF 9.0.1 on IBM AIX 5.1.0.0

Click on a server name to get more information.

<table>
<thead>
<tr>
<th>Web Server or Application Server</th>
<th>Notes</th>
</tr>
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<tbody>
<tr>
<td>Apache 2.0.46</td>
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</tr>
<tr>
<td>ServletExec AS 5.0 patch 2</td>
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ArcGIS Server - Java ADF 9.0.1 with IBM AIX 5.1.0.0 on Apache 2.0.46

<table>
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<th>Product:</th>
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<tbody>
<tr>
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<tr>
<td>Operating System:</td>
<td>AIX 5.1.0.0</td>
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<tr>
<td>Shipping/Release Date:</td>
<td>January 10, 2005</td>
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<td>Web Server or Application Server Version:</td>
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**Hardware Requirements**

**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:**
730 MB

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.1 on Windows or AIX.
- JDK version 1.4.2 on Solaris, HP-UX, or Linux.

**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:
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- 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 4.1.29

[48]Notes for Tomcat 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.

**Limitations:** 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://jakarta.apache.org/tomcat/faq/memory.html
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=15845

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 9.0.1 with IBM AIX 5.1.0.0 on ServletExec AS 5.0 patch 2

<table>
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<td><strong>Product:</strong></td>
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<td><strong>Platform:</strong></td>
<td>IBM</td>
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<tr>
<td><strong>Operating System:</strong></td>
<td>AIX 5.1.0.0</td>
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<tr>
<td><strong>Shipping/Release Date:</strong></td>
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<tr>
<td><strong>Web Server or Application Server:</strong></td>
<td>ServletExec AS</td>
</tr>
<tr>
<td><strong>Web Server or Application Server Version:</strong></td>
<td>5.0 patch 2</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**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:**

730 MB

**Software Requirements**

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

- JDK version 1.4.1 on Windows or AIX.  
- JDK version 1.4.2 on Solaris, HP-UX, or Linux.

**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 9.0.1 with IBM AIX 5.1.0.0 on Tomcat 4.1.29

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<tr>
<td>Platform:</td>
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<td>Operating System:</td>
<td>AIX 5.1.0.0</td>
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<td>Web Server or Application Server:</td>
<td>Tomcat</td>
</tr>
<tr>
<td>Web Server or Application Server Version:</td>
<td>4.1.29</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**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:**
730 MB

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.1 on Windows or AIX.
- JDK version 1.4.2 on Solaris, HP-UX, or Linux.

**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**

[57]Notes for Tomcat 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](#).

**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:

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# ArcGIS Server - Java ADF 9.0.1 with IBM AIX 5.1.0.0 on Tomcat 5.0.18

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

## Hardware Requirements

### 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:
- 730 MB

## Software Requirements

### Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:
- JDK version 1.4.1 on Windows or AIX.
- JDK version 1.4.2 on Solaris, HP-UX, or Linux.

### 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 9.0.1 on IBM AIX 5.2.0.0

Click on a server name to get more information.

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<tr>
<th>Web Server or Application Server</th>
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<tr>
<td>Tomcat 4.1.29</td>
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<td>Tomcat 5.0.18</td>
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ArcGIS Server - Java ADF 9.0.1 with IBM AIX 5.2.0.0 on Apache 2.0.46

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**Hardware Requirements**

**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:**

730 MB

**Software Requirements**

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

- JDK version 1.4.1 on Windows or AIX.
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**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:

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- 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 4.1.29

[48]Notes for Tomcat 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.

**Limitations:** 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:

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Tomcat 5.0.18

Servlet Engine must be Servlet 2.3 and JSP 1.2 Compliant.

**Best Performance Configuration**
System Design Strategies

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**Hardware Requirements**

**Memory/RAM:**

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**Display Properties:**

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**Screen Resolution:**

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**Disk Space:**

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**Server Notes**

[57]Notes for Tomcat with ArcGIS Server Java ADF:

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

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

**Best Performance Configuration**

**System Design Strategies**
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**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:

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**Hardware Requirements**

**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:**

730 MB

**Software Requirements**

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

- JDK version 1.4.1 on Windows or AIX.
- JDK version 1.4.2 on Solaris, HP-UX, or Linux.

**Additional requirements:**

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- 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 9.0.1 on Linux-Intel Red Hat Enterprise Linux AS/ES 3.0**

Click on a server name to get more information.

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<tr>
<td>ServletExec AS 5.0 patch 2</td>
<td></td>
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<tr>
<td>Sun Java System (Sun ONE) Application Server 7</td>
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<tr>
<td>Tomcat 4.1.29</td>
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ArcGIS Server - Java ADF 9.0.1 with Linux-Intel Red Hat Enterprise Linux AS/ES 3.0 on Apache 2.0.46

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<td>Apache</td>
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<tr>
<td>Web Server or Application Server Version:</td>
<td>2.0.46</td>
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</table>

**Hardware Requirements**

**CPU Speed:**
512 MB minimum - 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:**
780 MB

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

**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 1.4.1 on Windows or AIX.
- JDK version 1.4.2 on Solaris, HP-UX, or Linux.

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 4.1.29

[48]Notes for Tomcat 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.

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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 9.0.1 with Linux-Intel Red Hat Enterprise Linux AS/ES 3.0 on ServletExec AS 5.0 patch 2

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**Hardware Requirements**

**CPU Speed:**
512 MB minimum - 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:**
780 MB

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

**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.

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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 1.4.1 on Windows or AIX.
- JDK version 1.4.2 on Solaris, HP-UX, or Linux.

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

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**Hardware Requirements**

**CPU Speed:**
512 MB minimum - 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:**
780 MB

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

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

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

*requirement:*
- JDK version 1.4.1 on Windows or AIX.
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*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:
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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 9.0.1 with Linux-Intel Red Hat Enterprise Linux AS/ES 3.0 on Tomcat 4.1.29

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**Hardware Requirements**

**CPU Speed:**

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**Display Properties:**

24 bit color depth

**Screen Resolution:**

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**Notes:**

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**Software Requirements**

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- JDK version 1.4.1 on Windows or AIX.
- JDK version 1.4.2 on Solaris, HP-UX, or Linux.

**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**

[57]Notes for Tomcat 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](#).

**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)
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- [http://nagoya.apache.org/bugzilla/show_bug.cgi?id=15845](http://nagoya.apache.org/bugzilla/show_bug.cgi?id=15845)
### Hardware Requirements

**CPU Speed:**
512 MB minumum - 1 GB recommended or higher

**Memory/RAM:**
128 MB minumum, 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:**
780 MB

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

**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 1.4.1 on Windows or AIX.
- JDK version 1.4.2 on Solaris, HP-UX, or Linux.

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:
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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 9.0.1 on Linux-Intel SUSE Linux Enterprise Server 9

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 2.0.46</td>
<td></td>
</tr>
<tr>
<td>Tomcat 5.0.18</td>
<td></td>
</tr>
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ArcGIS Server - Java ADF 9.0.1 with Linux-Intel SUSE Linux Enterprise Server 9 on Apache 2.0.46

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<tr>
<td>Platform:</td>
<td>Linux-Intel</td>
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<tr>
<td>Operating System:</td>
<td>SUSE Linux Enterprise Server 9</td>
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<td>January 10, 2005</td>
</tr>
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<td>Web Server or Application Server:</td>
<td>Apache</td>
</tr>
<tr>
<td>Web Server or Application Server Version:</td>
<td>2.0.46</td>
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</tbody>
</table>

**Hardware Requirements**

**CPU Speed:**
512 MB minimum - 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:**
780 MB

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

**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 SUSE Linux will be supported as long as the patches are supported by the webserver 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 1.4.1 on Windows or AIX.
- JDK version 1.4.2 on Solaris, HP-UX, or Linux.

**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 9.0.1 with Linux-Intel SUSE Linux Enterprise Server 9 on Tomcat 5.0.18

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

**Hardware Requirements**

**CPU Speed:**

512 MB minimum - 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:**

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**Architecture:**

x86 architecture (32-bit)

**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 SUSE Linux 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 1.4.1 on Windows or AIX.
- JDK version 1.4.2 on Solaris, HP-UX, or Linux.

**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:
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- 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 9.0.1 on Sun Solaris 8 (SPARC)**

Click on a server name to get more information.

<table>
<thead>
<tr>
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<tbody>
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<td>Apache 2.0.46</td>
<td></td>
</tr>
<tr>
<td>ServletExec AS 5.0 patch 2</td>
<td></td>
</tr>
<tr>
<td>Sun Java System (Sun ONE) Application Server 7.0</td>
<td></td>
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<tr>
<td>The J2EE Reference Implementation 1.3</td>
<td></td>
</tr>
<tr>
<td>Tomcat 4.1.29</td>
<td>Limitations</td>
</tr>
<tr>
<td>Tomcat 5.0.18</td>
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<tr>
<td>WebLogic 8.1 SP4</td>
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</table>
**ArcGIS Server - Java ADF 9.0.1 with Sun Solaris 8 (SPARC) on Apache 2.0.46**

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<tr>
<th>Product:</th>
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<tr>
<td>Platform:</td>
<td>Sun</td>
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<td>Solaris 8 (SPARC)</td>
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<td>Apache</td>
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<tr>
<td>Web Server or Application Server Version:</td>
<td>2.0.46</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**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:**

750 MB

**Software Requirements**

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

- JDK version 1.4.1 on Windows or AIX.
- JDK version 1.4.2 on Solaris, HP-UX, or Linux.

**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 4.1.29

[48]Notes for Tomcat 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.

Limitations: 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://jakarta.apache.org/tomcat/faq/memory.html
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=15845

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 9.0.1 with Sun Solaris 8 (SPARC) on ServletExec AS 5.0 patch 2**

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<td>January 10, 2005</td>
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<td>Web Server or Application Server:</td>
<td>ServletExec AS</td>
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<tr>
<td>Web Server or Application Server Version:</td>
<td>5.0 patch 2</td>
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</table>

**Hardware Requirements**

**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:**
750 MB

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.1 on Windows or AIX.
- JDK version 1.4.2 on Solaris, HP-UX, or Linux.

**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

**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 9.0.1 with Sun Solaris 8 (SPARC) on Sun Java System (Sun ONE) Application Server 7.0

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<tr>
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<td>January 10, 2005</td>
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<tr>
<td>Web Server or Application Server</td>
<td>Sun Java System (Sun ONE) Application Server</td>
</tr>
<tr>
<td>Web Server or Application Server Version</td>
<td>7.0</td>
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</tbody>
</table>

**Hardware Requirements**

**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:**
750 MB

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.1 on Windows or AIX.
- JDK version 1.4.2 on Solaris, HP-UX, or Linux.

**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 9.0.1 with Sun Solaris 8 (SPARC) on The J2EE Reference Implementation 1.3

<table>
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<td>Web Server or Application Server:</td>
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</tr>
<tr>
<td>Web Server or Application Server Version:</td>
<td>1.3</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**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:**
750 MB

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.1 on Windows or AIX.
- JDK version 1.4.2 on Solaris, HP-UX, or Linux.

**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](#).
## Hardware Requirements

**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:**

750 MB

## Software Requirements

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

- JDK version 1.4.1 on Windows or AIX.
- JDK version 1.4.2 on Solaris, HP-UX, or Linux.

**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**

[57]Notes for Tomcat 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](#).

**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:

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ArcGIS Server - Java ADF 9.0.1 with Sun Solaris 8 (SPARC) on Tomcat 5.0.18

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

**Hardware Requirements**

**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:**
750 MB

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.1 on Windows or AIX.
- JDK version 1.4.2 on Solaris, HP-UX, or Linux.

**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 9.0.1 with Sun Solaris 8 (SPARC) on WebLogic 8.1 SP4

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</thead>
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<td>Operating System:</td>
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<td>Web Server or Application Server:</td>
<td>WebLogic</td>
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<td>Web Server or Application Server Version:</td>
<td>8.1 SP4</td>
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</tbody>
</table>

**Hardware Requirements**

**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:**
750 MB

**Software Requirements**

**Java 2 Platform, Standard Edition Software Developer Kit (J2SE SDK, or JDK) requirement:**
- JDK version 1.4.1 on Windows or AIX.
- JDK version 1.4.2 on Solaris, HP-UX, or Linux.

**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 9.0.1 on Sun Solaris 9 (SPARC)

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 2.0.46</td>
<td></td>
</tr>
<tr>
<td>ServletExec AS 5.0 patch 2</td>
<td></td>
</tr>
<tr>
<td>Sun Java System (Sun ONE) Application Server 7.0</td>
<td></td>
</tr>
<tr>
<td>The J2EE Reference Implementation 1.3</td>
<td></td>
</tr>
<tr>
<td>Tomcat 4.1.29</td>
<td>Limitations</td>
</tr>
<tr>
<td>Tomcat 5.0.18</td>
<td></td>
</tr>
<tr>
<td>WebLogic 8.1 SP4</td>
<td></td>
</tr>
</tbody>
</table>
Hardware Requirements

CPU Speed:
1.0 GHz 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:
750 MB

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 1.4.1 on Windows or AIX.
- JDK version 1.4.2 on Solaris, HP-UX, or Linux.
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 4.1.29
[48]Notes for Tomcat 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.

**Limitations:** 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://jakarta.apache.org/tomcat/faq/memory.html
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=15845

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 9.0.1 with Sun Solaris 9 (SPARC) on ServletExec AS 5.0 patch 2

<table>
<thead>
<tr>
<th>Product:</th>
<th>ArcGIS Server - Java ADF 9.0.1</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>January 10, 2005</td>
</tr>
<tr>
<td>Web Server or Application Server:</td>
<td>ServletExec AS</td>
</tr>
<tr>
<td>Web Server or Application Server Version:</td>
<td>5.0 patch 2</td>
</tr>
</tbody>
</table>

### Hardware Requirements

**CPU Speed:**

1.0 GHz recommended or higher

**Memory/RAM:**

128 MB minumum, 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:**

750 MB

**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 1.4.1 on Windows or AIX.
- JDK version 1.4.2 on Solaris, HP-UX, or Linux.
**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 9.0.1 with Sun Solaris 9 (SPARC) on Sun Java System (Sun ONE) Application Server 7.0

<table>
<thead>
<tr>
<th><strong>Product:</strong></th>
<th>ArcGIS Server - Java ADF 9.0.1</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Platform:</strong></td>
<td>Sun</td>
</tr>
<tr>
<td><strong>Operating System:</strong></td>
<td>Solaris 9 (SPARC)</td>
</tr>
<tr>
<td><strong>Shipping/Release Date:</strong></td>
<td>January 10, 2005</td>
</tr>
<tr>
<td><strong>Web Server or Application Server:</strong></td>
<td>Sun Java System (Sun ONE) Application Server</td>
</tr>
<tr>
<td><strong>Web Server or Application Server Version:</strong></td>
<td>7.0</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**CPU Speed:**
1.0 GHz 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:**
750 MB

**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 1.4.1 on Windows or AIX.
- JDK version 1.4.2 on Solaris, HP-UX, or Linux.
**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 9.0.1 with Sun Solaris 9 (SPARC) on the J2EE Reference Implementation 1.3

<table>
<thead>
<tr>
<th>Product:</th>
<th>ArcGIS Server - Java ADF 9.0.1</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>January 10, 2005</td>
</tr>
<tr>
<td>Web Server or Application Server:</td>
<td>The J2EE Reference Implementation</td>
</tr>
<tr>
<td>Web Server or Application Server Version:</td>
<td>1.3</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**CPU Speed:**
1.0 GHz 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:**
750 MB

**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 1.4.1 on Windows or AIX.
- JDK version 1.4.2 on Solaris, HP-UX, or Linux.
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 9.0.1 with Sun Solaris 9 (SPARC) on Tomcat 4.1.29

<table>
<thead>
<tr>
<th><strong>Product:</strong></th>
<th>ArcGIS Server - Java ADF 9.0.1</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Platform:</strong></td>
<td>Sun</td>
</tr>
<tr>
<td><strong>Operating System:</strong></td>
<td>Solaris 9 (SPARC)</td>
</tr>
<tr>
<td><strong>Shipping/Release Date:</strong></td>
<td>January 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>4.1.29</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

**CPU Speed:**

1.0 GHz 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:**

750 MB

**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 1.4.1 on Windows or AIX.
- JDK version 1.4.2 on Solaris, HP-UX, or Linux.
**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
- 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](#).

**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:

**ArcGIS Server - Java ADF 9.0.1 with Sun Solaris 9 (SPARC) on Tomcat 5.0.18**

<table>
<thead>
<tr>
<th><strong>Product:</strong></th>
<th>ArcGIS Server - Java ADF 9.0.1</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Platform:</strong></td>
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<tr>
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</tr>
<tr>
<td><strong>Shipping/Release Date:</strong></td>
<td>January 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**

**CPU Speed:**
1.0 GHz 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:**
750 MB

**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 1.4.1 on Windows or AIX.
- JDK version 1.4.2 on Solaris, HP-UX, or Linux.
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 9.0.1 with Sun Solaris 9 (SPARC) on WebLogic 8.1 SP4

<table>
<thead>
<tr>
<th><strong>Product:</strong></th>
<th>ArcGIS Server - Java ADF 9.0.1</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Platform:</strong></td>
<td>Sun</td>
</tr>
<tr>
<td><strong>Operating System:</strong></td>
<td>Solaris 9 (SPARC)</td>
</tr>
<tr>
<td><strong>Shipping/Release Date:</strong></td>
<td>January 10, 2005</td>
</tr>
<tr>
<td><strong>Web Server or Application Server:</strong></td>
<td>WebLogic</td>
</tr>
<tr>
<td><strong>Web Server or Application Server Version:</strong></td>
<td>8.1 SP4</td>
</tr>
</tbody>
</table>

**Hardware Requirements**

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

**Memory/RAM:**
128 MB minumum, 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:**
750 MB

**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 1.4.1 on Windows or AIX.
- JDK version 1.4.2 on Solaris, HP-UX, or Linux.
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 browsers for ArcGIS Server - Java ADF

- **Mozilla 1.4**
  - Sun Solaris 8 (SPARC)
  - Sun Solaris 9 (SPARC)

- **Mozilla 1.5**
  - 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
  - Sun Solaris 8 (SPARC)
  - Sun Solaris 9 (SPARC)

- **Mozilla 1.7.2**
  - Sun Solaris 8 (SPARC)
  - Sun Solaris 9 (SPARC)

- **Netscape Communicator 6.2 or higher**
  - HP HP-UX 11.i (32 bit or 64 bit) PA RISC
    - Your Web Browser must be DOM compliant.
  - Linux-Intel Red Hat Enterprise Linux AS/ES 3.0
    - Your Web Browser must be DOM compliant.
  - Sun Solaris 8 (SPARC)
    - Your Web Browser must be DOM compliant.
  - Sun Solaris 9 (SPARC)
    - Your Web Browser must be DOM compliant.

- **Netscape Communicator 7**
  - Sun Solaris 8 (SPARC)
  - Sun Solaris 9 (SPARC)