ArcSDE 9.0 System Requirements

This PDF contains system requirements information, including hardware requirements, best performance configurations, and limitations, for ArcSDE 9.0.

- HP HP-UX 11i (11.11) PA-RISC
    - IBM DB2 Universal Database 8.1 (UDB 64-bit) Fixpak 4a
    - Informix Dynamic Server 9.40 HC3
    - Oracle 8i (64 bit) 8.1.7
    - Oracle 9i (64 bit) 9.2.0.3.0
- HP TRU64.5.1a
    - Oracle 8i (64 bit) 8.1.7.0.0
    - Oracle 9i (64 bit) 9.2.0.3.0
- HP TRU64.5.1b
    - Oracle 9i (64 bit) 9.2.0.3.0
- IBM AIX 5.1
    - IBM DB2 Universal Database 8.1 (UDB 32-bit) Fixpak 4a
    - IBM DB2 Universal Database 8.1 (UDB 32-bit) Fixpak 6a
    - IBM DB2 Universal Database 8.1 (UDB 64-bit) Fixpak 4a
    - IBM DB2 Universal Database 8.1 (UDB 64-bit) Fixpak 6a
    - Informix Dynamic Server 9.40 UC3
    - Oracle 8i (32 bit) 8.1.7
    - Oracle 9i (64 bit) 9.2.0.3.0
- IBM AIX 5.2.0.0
    - IBM DB2 Universal Database 8.1 (UDB 32-bit) Fixpak 4a
    - IBM DB2 Universal Database 8.1 (UDB 64-bit) Fixpak 4a
    - IBM DB2 Universal Database 8.2 (UDB 64-bit) Fixpak 2a
    - Oracle 9i (64 bit) 9.2.0.3.0
- IBM AIX 5.3.0.0
    - IBM DB2 Universal Database 8.2 (UDB 32-bit) Fixpak 1
    - Oracle 9i (64 bit) 9.2.0.3.0
- Linux-Intel Red Hat Enterprise Linux AS/ES 3.0
    - IBM DB2 Universal Database 8.1 (UDB 32-bit) Fixpak 4a
    - IBM DB2 Universal Database 8.1 (UDB 32-bit) Fixpak 6a
    - IBM DB2 Universal Database 8.2 (UDB 32-bit) Fixpak 1
    - Oracle 9i (32bit) 9.2.0.4
- Linux- Intel SUSE Linux Enterprise Server 8
    - Oracle 9i (32bit) 9.2.0.4
- PC-Intel Windows 2000 Server, Advanced Server & Datacenter
    - IBM DB2 Universal Database 8.1 (UDB 32-bit) Fixpak 4a
    - IBM DB2 Universal Database 8.1 (UDB 32-bit) Fixpak 6a

- - IBM DB2 Universal Database 8.2 (UDB 32-bit) Fixpak 1
  - Informix Dynamic Server 9.40 TC3
  - Microsoft SQL Server 2000 SP4
  - Microsoft SQL Server 7
  - Oracle 8i (32 bit) 8.1.7
  - Oracle 9i (32 bit) 9.2.0.3.0
- PC-Intel Intel Windows 2003 Server Standard, Enterprise & Datacenter
  - IBM DB2 Universal Database 8.1 (UDB 32-bit) Fixpak 4a
  - IBM DB2 Universal Database 8.2 (UDB 32-bit) Fixpak 1
  - Microsoft SQL Server 2000 SP4
  - Oracle 9i (32 bit) 9.2.0.3.0
- PC-Intel Windows NT Server 4.0
  - IBM DB2 Universal Database 8.1 (UDB 32-bit) Fixpak 4a
  - Informix Dynamic Server 9.40 TC3
  - Microsoft SQL Server 2000 SP4
  - Microsoft SQL Server 7
  - Oracle 8i (32 bit) 8.1.7
  - Oracle 9i (32 bit) 9.2.0.3.0
- Sun Solaris 8 (SPARC)
  - IBM DB2 Universal Database 8.1 (UDB 64-bit) Fixpak 4a
  - IBM DB2 Universal Database 8.1 (UDB 64-bit) Fixpak 6a
  - Informix Dynamic Server 9.40 UC3
  - Oracle 8i (32 bit) 8.1.7.0.0
  - Oracle 9i (32 bit) 9.2.0.3.0
  - Oracle 9i (64 bit) 9.2.0.3.0
- Sun Solaris 9 (SPARC)
  - IBM DB2 Universal Database 8.1 (UDB 64-bit) Fixpak 5
  - IBM DB2 Universal Database 8.1 (UDB 64-bit) Fixpak 1
  - Informix Dynamic Server IDS 9.40 UC3
  - Oracle 8i (32 bit) 8.1.7.0.0
  - Oracle 9i (32 bit) 9.2.0.3.0
  - Oracle 9i (64 bit) 9.2.0.3.0

ArcSDE 9.0 with HP HP-UX 11i (11.11) PA-RISC on IBM DB2 Universal Database 8.1 (UDB 64-bit) FixPak 4a

Quick Links

[Hardware Requirements](#)

[Database Notes](#)

Product: ArcSDE 9.0

Platform: HP

Operating System: HP-UX 11i (11.11) PA-RISC

Service Pack(s)/Patch(es): Please see the notes section for information.

Shipping/Release Date: May 10, 2004

DBMS: IBM DB2 Universal Database 8.1 (UDB 64-bit)

DBMS Version: FixPak 4a

DBMS Certification Date: May 10, 2004

Hardware Requirements

Window System:

CDE or HP VUE

Notes:

Processor/CPU: HP PA-RISC

Patches:

June 2002 HP-UX TCOE

June 2002 HWEnable11i

June 2002 GOLDBASE11i

June 2002 GOLDAPPS11i

June 2002 IM11i

PHNE_27218 - s700_800 11.11 ONC/NFS General Release/Performance Patch

Database Notes

Requirements:

-IBM Spatial Extender Version 8.1 FP4a.

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

An ArcSDE software installation requires approximately 40-160MB of hard disk space depending on platform and database being utilized. Memory requirements for the ArcSDE server may range from 1MB to 40MB but will vary. In addition memory requirements per ArcSDE connection may range from 100kb to 40MB per ArcSDE connection but will vary depending on several factors including your configuration choice and database usage. If using ArcSDE in the application server configuration, your server memory requirements will be larger. If using the direct connect configuration, your ArcSDE server memory requirements will be less, but your client machine memory requirements will be larger. Users conducting a lot of edits or selections will often consume more memory than those users simply displaying data from the database.

For more information or assistance with configuring your hardware for ESRI products, review the System Design Strategies Whitepaper available on ESRI's website, contact the ESRI Systems Integration Group or your local distributor.

Limitations

Database:

-We are still investigating the use of Fixpak 6a and above. Contact Technical Support for more details.

Related Materials

Database:

More ESRI Related Information:

- ESRI Supported Environment Policy

- FAQ: What is the support and planned support for ArcSDE for IBM DB2 with DB2 UDB 8.1 FP6a

[FP7a, FP8 and DB2 UDB 8.2?](#)

More DB2 Related Information:

-ArcSDE is tested and certified on DB2 UDB Enterprise Server Edition. Other versions of DB2 UDB such as WSE, WSUE, and PE share a common code base and are supported as long as they meet the ArcSDE requirements listed above. For more information on the distributed editions of DB2, refer to the articles listed below.

-[Which Distributed Edition of DB2 Version 8 is Right for You?](#)

-[Comparing the distributed DB2 UDB servers](#)

-[DB2 System Requirements](#)

ArcSDE 9.0 with HP HP-UX 11i (11.11) PA-RISC on INFORMIX Dynamic Server 9.40.HC3

Quick Links

[Hardware Requirements](#)

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product:	ArcSDE 9.0
Platform:	HP
Operating System:	HP-UX 11i (11.11) PA-RISC
Service Pack(s)/Patch(es):	Please see the notes section for information.
Shipping/Release Date:	May 10, 2004
DBMS:	INFORMIX Dynamic Server
DBMS Version:	9.40.HC3

DBMS Certification Date: May 10, 2004

Hardware Requirements

Window System:

CDE or HP VUE

Notes:

Processor/CPU: HP PA-RISC

Patches:

June 2002 HP-UX TCOE

June 2002 HWEnable11i

June 2002 GOLDBASE11i

June 2002 GOLDAPPS11i

June 2002 IM11i

PHNE_27218 - s700_800 11.11 ONC/NFS General Release/Performance Patch

Database Notes

Certified for IDS 9.40HC3 Enterprise Edition Only.

Requires:

Informix Spatial Datablade 8.20.HC1

Informix ClientSDK 2.81.HC2

-ArcSDE 9.0 for Informix does not support Extensible Markup Language (XML). As a consequence, it will not support ArcIMS Metadata Server 9.0.

Compatibility Notes

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Best Performance Configuration

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ArcSDE 9.0 with HP HP-UX 11i (11.11) PA-RISC on Oracle 8i (32 bit) 8.1.7

Quick Links

Hardware Requirements

Compatibility Notes

Best Configuration

Product: ArcSDE 9.0

Platform: HP

Operating System: HP-UX 11i (11.11) PA-RISC

Service Pack(s)/Patch(es): Please see the notes section for information.

Shipping/Release Date: May 10, 2004

DBMS: Oracle 8i (32 bit)

DBMS Version: 8.1.7

DBMS Certification Date: May 10, 2004

Hardware Requirements

Window System:

CDE or HP VUE

Notes:

Processor/CPU: HP PA-RISC

Patches:

June 2002 HP-UX TCOE

June 2002 HWEnable11i

June 2002 GOLDBASE11i

June 2002 GOLDAPPS11i

June 2002 IM11i

PHNE_27218 - s700_800 11.11 ONC/NFS General Release/Performance Patch

Compatibility Notes

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Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

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ArcSDE 9.0 with HP HP-UX 11i (11.11) PA-RISC on Oracle 9i (64 bit) 9.2.0.3.0

Quick Links

Product: ArcSDE 9.0

Platform: HP

Operating System: HP-UX 11i (11.11) PA-RISC

Service Pack(s)/Patch(es): Please see the notes section for information.

Shipping/Release Date: May 10, 2004

DBMS: Oracle 9i (64 bit)

DBMS Version: 9.2.0.3.0

DBMS Certification Date: May 10, 2004

Hardware Requirements

Window System:

CDE or HP VUE

Notes:

Processor/CPU: HP PA-RISC

Patches:

June 2002 HP-UX TCOE

June 2002 HWEnable11i

June 2002 GOLDBASE11i

June 2002 GOLDAPPS11i

June 2002 IM11i

PHNE_27218 - s700_800 11.11 ONC/NFS General Release/Performance Patch

Database Notes

Please see KB article #25896 for additional required Oracle Spatial patch information.

Oracle Patch Support
Oracle 9.2.0.3 or higher 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

An ArcSDE software installation requires approximately 40-160MB of hard disk space depending on platform and database being utilized. Memory requirements for the ArcSDE server may range from 1MB to 40MB but will vary. In addition memory requirements per ArcSDE connection may range from 100kb to 40MB per ArcSDE connection but will vary depending on several factors including your configuration choice and database usage. If using ArcSDE in the application server configuration, your server memory requirements will be larger. If using the direct connect configuration, your ArcSDE server memory requirements will be less, but your client machine memory requirements will be larger. Users conducting a lot of edits or selections will often consume more memory than those users simply displaying data from the database.

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ArcSDE 9.0 with HP TRU64 5.1a on Oracle 8i (64 bit) 8.1.7.0.0

Quick Links

Hardware Requirements
Compatibility Notes
Best Configuration

Product:	ArcSDE 9.0
Platform:	HP TRU64
Operating System:	5.1a
Shipping/Release Date:	May 10, 2004
DBMS:	Oracle 8i (64 bit)
DBMS Version:	8.1.7.0.0
DBMS Certification Date:	May 10, 2004

Hardware Requirements

Notes:

Loading mandatory OS subsets:

Compaq Fortran for Tru64 UNIX Alpha Systems Run-Time Support (/usr/shlib/libfor.so) is required for ArcInfo software. In this example, CDROM is SCSI #4.

1. Mount Tru64 UNIX Associated Products CD: mount -dr /dev/rz4c /cdrom.
2. Load subset from /cdrom/ALPHA using the 'setld –l' command.

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

An ArcSDE software installation requires approximately 40-160MB of hard disk space depending on platform and database being utilized. Memory requirements for the ArcSDE server may range from 1MB to 40MB but will vary. In addition memory requirements per ArcSDE connection may range from 100kb to 40MB per ArcSDE connection but will vary depending on several factors

including your configuration choice and database usage. If using ArcSDE in the application server configuration, your server memory requirements will be larger. If using the direct connect configuration, your ArcSDE server memory requirements will be less, but your client machine memory requirements will be larger. Users conducting a lot of edits or selections will often consume more memory than those users simply displaying data from the database.

For more information or assistance with configuring your hardware for ESRI products, review the System Design Strategies Whitepaper available on ESRI's website, contact the ESRI Systems Integration Group or your local distributor.

ArcSDE 9.0 with HP TRU64 5.1a on Oracle 9i (64 bit) 9.2.0.3.0

Quick Links

Hardware Requirements

Database Notes

Compatibility Notes

Best Configuration

Product:	ArcSDE 9.0
Platform:	HP TRU64
Operating System:	5.1a
Shipping/Release Date:	May 10, 2004
DBMS:	Oracle 9i (64 bit)
DBMS Version:	9.2.0.3.0
DBMS Certification Date:	May 10, 2004

Hardware Requirements

Notes:

Loading mandatory OS subsets:

Compaq Fortran for Tru64 UNIX Alpha Systems Run-Time Support (/usr/shlib/libfor.so) is required for ArcInfo software. In this example, CDROM is SCSI #4.

1. Mount Tru64 UNIX Associated Products CD: mount -dr /dev/rz4c /cdrom.
2. Load subset from /cdrom/ALPHA using the 'setld –l' command.

Database Notes

Please see KB article #25896 for additional required Oracle Spatial patch information.

Oracle Patch Support
Oracle 9.2.0.3 or higher 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

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ArcSDE 9.0 with HP TRU64 5.1b on Oracle 9i (64 bit) 9.2.0.3.0

Quick Links

[Hardware Requirements](#)

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product:	ArcSDE 9.0
Platform:	HP TRU64
Operating System:	5.1b
Shipping/Release Date:	May 10, 2004
DBMS:	Oracle 9i (64 bit)
DBMS Version:	9.2.0.3.0
DBMS Certification Date:	May 10, 2004

Hardware Requirements

Notes:

Loading mandatory OS subsets:

Compaq Fortran for Tru64 UNIX Alpha Systems Run-Time Support (/usr/shlib/libfor.so) is required for ArcInfo software. In this example, CDROM is SCSI #4.

1. Mount Tru64 UNIX Associated Products CD: mount -dr /dev/rz4c /cdrom.
2. Load subset from /cdrom/ALPHA using the 'setld –l' command.

Database Notes

Please see KB article #25896 for additional required Oracle Spatial patch information.

Oracle Patch Support

Oracle 9.2.0.3 or higher 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

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ArcSDE 9.0 with IBM AIX 5.1 on IBM DB2 Universal Database 8.1 (UDB 32-bit) FixPak 4a

Quick Links

Database Notes

Compatibility Notes

Best Configuration

Related Materials

Product: ArcSDE 9.0

Platform:	IBM
Operating System:	AIX 5.1
Shipping/Release Date:	May 10, 2004
DBMS:	IBM DB2 Universal Database 8.1 (UDB 32-bit)
DBMS Version:	FixPak 4a
DBMS Certification Date:	May 10, 2004

Database Notes

Requires IBM Spatial Extender Version 8.1 FP4a.

Requirements:

-IBM Spatial Extender Version 8.1 FP4a.

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

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Related Materials

Database:

More ESRI Related Information:

- ESRI Supported Environment Policy

- FAQ: What is the support and planned support for ArcSDE for IBM DB2 with DB2 UDB 8.1 FP6a FP7a, FP8 and DB2 UDB 8.2?

More DB2 Related Information:

-ArcSDE is tested and certified on DB2 UDB Enterprise Server Edition. Other versions of DB2 UDB such as WSE, WSUE, and PE share a common code base and are supported as long as they meet the ArcSDE requirements listed above. For more information on the distributed editions of DB2, refer to the articles listed below.

-Which Distributed Edition of DB2 Version 8 is Right for You?

-Comparing the distributed DB2 UDB servers

-DB2 System Requirements

-Known issues for DB2 Universal Database on AIX 4.3.3, 5.1, 5.2, and 5.3

ArcSDE 9.0 with IBM AIX 5.1 on IBM DB2 Universal Database 8.1 (UDB 32-bit) Fixpak 6a

Quick Links

Database Notes

Compatibility Notes

Best Configuration

Related Materials

Product: ArcSDE 9.0

Platform: IBM

Operating System: AIX 5.1

Shipping/Release Date: May 10, 2004

DBMS: IBM DB2 Universal Database 8.1 (UDB 32-bit)

DBMS Version: Fixpak 6a

DBMS Certification Date: May 10, 2004

Database Notes

Requirements:

-IBM Spatial Extender Version 8.1 FP6a.

-ArcSDE 9.0 Service Pack 3 - This includes fixes from ArcSDE 9.0 SP2 that add support for fixpak 6 (and greater) functionality. For a complete list please refer to the Service Pack 3 link.

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

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[System Design Strategies](#) Whitepaper available on ESRI's website, contact the ESRI Systems Integration Group or your local distributor.

Related Materials

Database:

More ESRI Related Information:

- [ESRI Supported Environment Policy](#)
- [FAQ: What is the support and planned support for ArcSDE for IBM DB2 with DB2 UDB 8.1 FP6a FP7a, FP8 and DB2 UDB 8.2?](#)

More DB2 Related Information:

-ArcSDE is tested and certified on DB2 UDB Enterprise Server Edition. Other versions of DB2 UDB such as WSE, WSUE, and PE share a common code base and are supported as long as they meet the ArcSDE requirements listed above. For more information on the distributed editions of DB2, refer to the articles listed below.

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-[DB2 System Requirements](#)

-[Known issues for DB2 Universal Database on AIX 4.3.3, 5.1, 5.2, and 5.3](#)

ArcSDE 9.0 with IBM AIX 5.1 on IBM DB2 Universal Database 8.1 (UDB 64-bit) FixPak 4a

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

[Related Materials](#)

Product: ArcSDE 9.0

Platform: IBM

Operating System: AIX 5.1

Shipping/Release Date: May 10, 2004

DBMS: IBM DB2 Universal Database 8.1 (UDB 64-bit)

DBMS Version: FixPak 4a

DBMS Certification Date: May 10, 2004

Database Notes

Requirements:

-IBM Spatial Extender Version 8.1 FP4a.

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

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Related Materials

Database:

More ESRI Related Information:

- ESRI Supported Environment Policy

- FAQ: What is the support and planned support for ArcSDE for IBM DB2 with DB2 UDB 8.1 FP6a FP7a, FP8 and DB2 UDB 8.2?

More DB2 Related Information:

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-Known issues for DB2 Universal Database on AIX 4.3.3, 5.1, 5.2, and 5.3

ArcSDE 9.0 with IBM AIX 5.1 on IBM DB2 Universal Database 8.1 (UDB 64-bit) Fixpak 6a

Quick Links

Database Notes

Compatibility Notes

Best Configuration

Related Materials

Product:	ArcSDE 9.0
Platform:	IBM
Operating System:	AIX 5.1
Shipping/Release Date:	May 10, 2004
DBMS:	IBM DB2 Universal Database 8.1 (UDB 64-bit)

DBMS Version: Fixpak 6a

DBMS Certification Date: May 10, 2004

Database Notes

Requirements:

-IBM Spatial Extender Version 8.1 FP6a.

-ArcSDE 9.0 Service Pack 3 - This includes fixes from ArcSDE 9.0 SP2 that add support for DB2 8.1 fixpak 6 (and greater) functionality. For a complete list please refer to the Service Pack 3 link.

Compatibility Notes

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Related Materials

Database:

More ESRI Related Information:

- ESRI Supported Environment Policy

- FAQ: What is the support and planned support for ArcSDE for IBM DB2 with DB2 UDB 8.1 FP6a FP7a, FP8 and DB2 UDB 8.2?

More DB2 Related Information:

-ArcSDE is tested and certified on DB2 UDB Enterprise Server Edition. Other versions of DB2 UDB such as WSE, WSUE, and PE share a common code base and are supported as long as they meet the ArcSDE requirements listed above. For more information on the distributed editions of DB2, refer to the articles listed below.

-Which Distributed Edition of DB2 Version 8 is Right for You?

-Comparing the distributed DB2 UDB servers

-DB2 System Requirements

-Known issues for DB2 Universal Database on AIX 4.3.3, 5.1, 5.2, and 5.3

ArcSDE 9.0 with IBM AIX 5.1 on INFORMIX Dynamic Server 9.40.UC3

Quick Links

Database Notes

Compatibility Notes

Best Configuration

Product:	ArcSDE 9.0
Platform:	IBM
Operating System:	AIX 5.1
Shipping/Release Date:	May 10, 2004
DBMS:	INFORMIX Dynamic Server
DBMS Version:	9.40.UC3

Database Notes

Certified for IDS 9.40UC3 Enterprise Edition Only.

Requires:

Informix Spatial Datablade 8.20.UC1

Informix ClientSDK 2.81.UC2

-ArcSDE 9.0 for Informix does not support Extensible Markup Language (XML). As a consequence, it will not support ArcIMS Metadata Server 9.0.

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

An ArcSDE software installation requires approximately 40-160MB of hard disk space depending on platform and database being utilized. Memory requirements for the ArcSDE server may range from 1MB to 40MB but will vary. In addition memory requirements per ArcSDE connection may range from 100kb to 40MB per ArcSDE connection but will vary depending on several factors including your configuration choice and database usage. If using ArcSDE in the application server configuration, your server memory requirements will be larger. If using the direct connect configuration, your ArcSDE server memory requirements will be less, but your client machine memory requirements will be larger. Users conducting a lot of edits or selections will often consume more memory than those users simply displaying data from the database.

For more information or assistance with configuring your hardware for ESRI products, review the System Design Strategies Whitepaper available on ESRI's website, contact the ESRI Systems Integration Group or your local distributor.

ArcSDE 9.0 with IBM AIX 5.1 on Oracle 8i (32 bit) 8.1.7.0.0

Quick Links

Compatibility Notes

Product:	ArcSDE 9.0
Platform:	IBM
Operating System:	AIX 5.1
Shipping/Release Date:	May 10, 2004
DBMS:	Oracle 8i (32 bit)
DBMS Version:	8.1.7.0.0
DBMS Certification Date:	May 10, 2004

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

An ArcSDE software installation requires approximately 40-160MB of hard disk space depending on platform and database being utilized. Memory requirements for the ArcSDE server may range from 1MB to 40MB but will vary. In addition memory requirements per ArcSDE connection may range from 100kb to 40MB per ArcSDE connection but will vary depending on several factors including your configuration choice and database usage. If using ArcSDE in the application server configuration, your server memory requirements will be larger. If using the direct connect configuration, your ArcSDE server memory requirements will be less, but your client machine memory requirements will be larger. Users conducting a lot of edits or selections will often consume more memory than those users simply displaying data from the database.

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ArcSDE 9.0 with IBM AIX 5.1 on Oracle 9i (64 bit) 9.2.0.3.0

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 9.0

Platform: IBM

Operating System: AIX 5.1

Shipping/Release Date: May 10, 2004

DBMS: Oracle 9i (64 bit)

DBMS Version: 9.2.0.3.0

DBMS Certification Date: May 10, 2004

Database Notes

Oracle Patch Support

Oracle 9.2.0.3 or higher 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

Please see KB article #25896 for additional required Oracle Spatial patch information.

Compatibility Notes

The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

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ArcSDE 9.0 with IBM AIX 5.2.0.0 on IBM DB2 Universal Database 8.1 (UDB 32-bit) FixPak 4a

Quick Links

Database Notes

Compatibility Notes

Best Configuration

Related Materials

Product:	ArcSDE 9.0
Platform:	IBM
Operating System:	AIX 5.2.0.0
Shipping/Release Date:	May 10, 2004

Hardware Certification Date: May 10, 2004

DBMS:	IBM DB2 Universal Database 8.1 (UDB 32-bit)
DBMS Version:	FixPak 4a
DBMS Certification Date:	May 10, 2004

Database Notes

Requirements:

-IBM Spatial Extender Version 8.1 FP4a.

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

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Related Materials

Database:

More ESRI Related Information:

- ESRI Supported Environment Policy

- FAQ: What is the support and planned support for ArcSDE for IBM DB2 with DB2 UDB 8.1 FP6a FP7a, FP8 and DB2 UDB 8.2?

More DB2 Related Information:

-ArcSDE is tested and certified on DB2 UDB Enterprise Server Edition. Other versions of DB2 UDB such as WSE, WSUE, and PE share a common code base and are supported as long as they meet the ArcSDE requirements listed above. For more information on the distributed editions of DB2, refer to the articles listed below.

-Which Distributed Edition of DB2 Version 8 is Right for You?

-Comparing the distributed DB2 UDB servers

-DB2 System Requirements

-Known issues for DB2 Universal Database on AIX 4.3.3, 5.1, 5.2, and 5.3

ArcSDE 9.0 with IBM AIX 5.2.0.0 on IBM DB2 Universal Database 8.1 (UDB 64-bit) FixPak 4a

Quick Links

Database Notes

Compatibility Notes

Best Configuration

Related Materials

Product:	ArcSDE 9.0
Platform:	IBM
Operating System:	AIX 5.2.0.0
Shipping/Release Date:	May 10, 2004
Hardware Certification Date:	May 10, 2004

DBMS:	IBM DB2 Universal Database 8.1 (UDB 64-bit)

DBMS Version:	FixPak 4a

DBMS Certification Date:	May 10, 2004

Database Notes

Requirements:

-IBM Spatial Extender Version 8.1 FP4a.

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

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Related Materials

Database:

More ESRI Related Information:

- FAQ: What is the support and planned support for ArcSDE for IBM DB2 with DB2 UDB 8.1 FP6a FP7a, FP8 and DB2 UDB 8.2?

More DB2 Related Information:

-ArcSDE is tested and certified on DB2 UDB Enterprise Server Edition. Other versions of DB2 UDB such as WSE, WSUE, and PE share a common code base and are supported as long as they meet the ArcSDE requirements listed above. For more information on the distributed editions of DB2, refer to the articles listed below.

-Which Distributed Edition of DB2 Version 8 is Right for You?

-Comparing the distributed DB2 UDB servers

-DB2 System Requirements

-Known issues for DB2 Universal Database on AIX 4.3.3, 5.1, 5.2, and 5.3

ArcSDE 9.0 with IBM AIX 5.2.0.0 on IBM DB2 Universal Database 8.2 (UDB 64-bit) Fixpak 2a

Quick Links

Database Notes

Compatibility Notes

Best Configuration

Limitations

Related Materials

Product: ArcSDE 9.0

Platform: IBM

Operating System: AIX 5.2.0.0

Shipping/Release Date: May 10, 2004

Hardware Certification Date: May 10, 2004

DBMS: IBM DB2 Universal Database 8.2 (UDB 64-bit)

DBMS Version: Fixpak 2a

DBMS Certification Date: May 10, 2004

Database Notes

Requirements:

-IBM Spatial Extender Version 8.2 FP2a (8.1 FP9a).

-IBM APAR IY79365 (AIX 5.2) - This is an operating system patch for intermittent memory problems.

-ArcSDE 9.0 Service Pack 3 - This includes fixes from ArcSDE 9.0 SP2 that add support for DB2 8.2 functionality. For a complete list please refer to the Service Pack 3 link.

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

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Limitations

Database:

Known Issues:

CQ00284468: When using Direct Connect with sde admin commands on the server machine, DB28.2 FP9a/10 may fail with: SQL0804N appl prog params for current request not valid.

CQ00284735: Connections using direct connect on server machine while the giomgr process is running may cause the server to run out of DB2 application heap size (database configuration parameter APPLHEAPSZ) and then not allow any further connections until the heap size is made larger or reset (by restarting db2).

Related Materials

Database:

More ESRI Related Information:

- ESRI Supported Environment Policy

- FAQ: What is the support and planned support for ArcSDE for IBM DB2 with DB2 UDB 8.1 FP6a FP7a, FP8 and DB2 UDB 8.2?

More DB2 Related Information:

-ArcSDE is tested and certified on DB2 UDB Enterprise Server Edition. Other versions of DB2 UDB such as WSE, WSUE, and PE share a common code base and are supported as long as they meet the ArcSDE requirements listed above. For more information on the distributed editions of DB2, refer to the articles listed below.

-Which Distributed Edition of DB2 Version 8 is Right for You?

-Comparing the distributed DB2 UDB servers

-DB2 System Requirements

-Known issues for DB2 Universal Database on AIX 4.3.3, 5.1, 5.2, and 5.3

ArcSDE 9.0 with IBM AIX 5.2.0.0 on Oracle 9i (64 bit) 9.2.0.3.0

Quick Links

Database Notes

Compatibility Notes

Best Configuration

Product: ArcSDE 9.0

Platform:	IBM
Operating System:	AIX 5.2.0.0
Shipping/Release Date:	May 10, 2004
Hardware Certification Date:	May 10, 2004
DBMS:	Oracle 9i (64 bit)
DBMS Version:	9.2.0.3.0
DBMS Certification Date:	May 10, 2004

Database Notes

Oracle Patch Support

Oracle 9.2.0.3 or higher 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

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consume more memory than those users simply displaying data from the database.

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ArcSDE 9.0 with IBM AIX 5.3.0.0 on IBM DB2 Universal Database 8.2 (UDB 32-bit) Fixpak 1

Quick Links

Database Notes
Compatibility Notes
Best Configuration
Related Materials

Product:	ArcSDE 9.0
Platform:	IBM
Operating System:	AIX 5.3.0.0
Shipping/Release Date:	May 10, 2004
Hardware Certification Date:	November 5, 2004
DBMS:	IBM DB2 Universal Database 8.2 (UDB 32-bit)
DBMS Version:	Fixpak 1
DBMS Certification Date:	May 10, 2004

Database Notes

Requirements:
-IBM Spatial Extender Version 8.2 FP1 (8.1 FP8). FixPak 8a has a few additional fixes. This is supported and assumed to work but untested at the present time.

-ArcSDE 9.0 Service Pack 3 - This includes fixes from ArcSDE 9.0 SP2 that add support for DB2 8.2 functionality. For a complete list please refer to the Service Pack 3 link.

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

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Related Materials

Database:
More ESRI Related Information:
- ESRI Supported Environment Policy
- FAQ: What is the support and planned support for ArcSDE for IBM DB2 with DB2 UDB 8.1 FP6a FP7a, FP8 and DB2 UDB 8.2?

More DB2 Related Information:
-ArcSDE is tested and certified on DB2 UDB Enterprise Server Edition. Other versions of DB2 UDB such as WSE, WSUE, and PE share a common code base and are supported as long as they meet the ArcSDE requirements listed above. For more information on the distributed editions of

DB2, refer to the articles listed below.

-[Which Distributed Edition of DB2 Version 8 is Right for You?](#)

-[Comparing the distributed DB2 UDB servers](#)

-[DB2 System Requirements](#)

-[Known issues for DB2 Universal Database on AIX 4.3.3, 5.1, 5.2, and 5.3](#)

ArcSDE 9.0 with IBM AIX 5.3.0.0 on Oracle 9i (64 bit) 9.2.0.3.0

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product:	ArcSDE 9.0
Platform:	IBM
Operating System:	AIX 5.3.0.0
Shipping/Release Date:	May 10, 2004
Hardware Certification Date:	November 5, 2004
DBMS:	Oracle 9i (64 bit)
DBMS Version:	9.2.0.3.0
DBMS Certification Date:	May 10, 2004

Database Notes

Oracle Patch Support

Oracle 9.2.0.3 or higher 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

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ArcSDE 9.0 with Linux-Intel Red Hat Enterprise Linux AS/ES 3.0 on IBM DB2 Universal Database 8.1 (UDB 32-bit) FixPak 4a

Quick Links

Hardware Requirements

Database Notes

Compatibility Notes

Best Configuration

Related Materials

Product: ArcSDE 9.0

Platform: Linux-Intel

Operating System: Red Hat Enterprise Linux AS/ES 3.0

Service Pack(s)/Patch(es): Update 2 or higher

Shipping/Release Date: May 10, 2004

DBMS: IBM DB2 Universal Database 8.1 (UDB 32-bit)

DBMS Version: FixPak 4a

DBMS Certification Date: May 10, 2004

Hardware Requirements

Architecture:

x86 architecture (32-bit)

Notes:

OPERATING SYSTEM REQUIREMENTS

ArcSDE 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 ArcSDE to function properly:
Base Development package
Base Legacy Software Development package

Database Notes

Requirements:
-IBM Spatial Extender Version 8.1 FP4a.
-A minimum of RHEL 3 Update 1

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

An ArcSDE software installation requires approximately 40-160MB of hard disk space depending on platform and database being utilized. Memory requirements for the ArcSDE server may range from 1MB to 40MB but will vary. In addition memory requirements per ArcSDE connection may range from 100kb to 40MB per ArcSDE connection but will vary depending on several factors including your configuration choice and database usage. If using ArcSDE in the application server configuration, your server memory requirements will be larger. If using the direct connect configuration, your ArcSDE server memory requirements will be less, but your client machine memory requirements will be larger. Users conducting a lot of edits or selections will often consume more memory than those users simply displaying data from the database.

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Related Materials

Database:

More ESRI Related Information:

- ESRI Supported Environment Policy

- FAQ: What is the support and planned support for ArcSDE for IBM DB2 with DB2 UDB 8.1 FP6a FP7a, FP8 and DB2 UDB 8.2?

More DB2 Related Information:

-ArcSDE is tested and certified on DB2 UDB Enterprise Server Edition. Other versions of DB2 UDB such as WSE, WSUE, and PE share a common code base and are supported as long as they meet the ArcSDE requirements listed above. For more information on the distributed editions of DB2, refer to the articles listed below.

-Which Distributed Edition of DB2 Version 8 is Right for You?

ArcSDE 9.0 with Linux-Intel Red Hat Enterprise Linux AS/ES 3.0 on IBM DB2 Universal Database 8.1 (UDB 32-bit) Fixpak 6a

Quick Links

[Hardware Requirements](#)

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

[Related Materials](#)

Product:	ArcSDE 9.0
Platform:	Linux-Intel
Operating System:	Red Hat Enterprise Linux AS/ES 3.0
Service Pack(s)/Patch(es):	Update 2 or higher
Shipping/Release Date:	May 10, 2004
DBMS:	IBM DB2 Universal Database 8.1 (UDB 32-bit)
DBMS Version:	Fixpak 6a
DBMS Certification Date:	May 10, 2004

Hardware Requirements

Architecture:

x86 architecture (32-bit)

Notes:

OPERATING SYSTEM REQUIREMENTS

ArcSDE 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 ArcSDE to function properly:
Base Development package
Base Legacy Software Development package

Database Notes

Requirements:
-IBM Spatial Extender Version 8.1 FP6a.
-ArcSDE 9.0 Service Pack 3 - This includes fixes from ArcSDE 9.0 SP2 that add support for fixpak 6 (and greater) functionality. For a complete list please refer to the Service Pack 3 link.
-A minimum of RHEL 3 Update 2

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

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Related Materials

Database:

More ESRI Related Information:

- ESRI Supported Environment Policy
- FAQ: What is the support and planned support for ArcSDE for IBM DB2 with DB2 UDB 8.1 FP6a FP7a, FP8 and DB2 UDB 8.2?

More DB2 Related Information:

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-DB2 System Requirements

ArcSDE 9.0 with Linux-Intel Red Hat Enterprise Linux AS/ES 3.0 on IBM DB2 Universal Database 8.2 (UDB 32-bit) Fixpak 1

Quick Links

Hardware Requirements

Database Notes

Compatibility Notes

Best Configuration

Related Materials

Product: ArcSDE 9.0

Platform: Linux-Intel

Operating System: Red Hat Enterprise Linux AS/ES 3.0

Service Pack(s)/Patch(es): Update 2 or higher

Shipping/Release Date: May 10, 2004

DBMS: IBM DB2 Universal Database 8.2 (UDB 32-bit)

DBMS Version: Fixpak 1

DBMS Certification Date: May 10, 2004

Hardware Requirements

Architecture:

x86 architecture (32-bit)

Notes:

OPERATING SYSTEM REQUIREMENTS

ArcSDE 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.

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

Database Notes

  Requirements:
  -IBM Spatial Extender Version 8.2 FP1 (8.1 FP8). FixPak 8a has a few additional fixes. This is

supported and assumed to work but untested at the present time.

-[ArcSDE 9.0 Service Pack 3](#) - This includes fixes from ArcSDE 9.0 SP2 that add support for DB2 8.2 functionality. For a complete list please refer to the Service Pack 3 link.

-A minimum of RHEL 3 Update 2

Compatibility Notes

The [Compatibility Matrix](#) shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

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Related Materials

Database:

More ESRI Related Information:

- [ESRI Supported Environment Policy](#)

- [FAQ: What is the support and planned support for ArcSDE for IBM DB2 with DB2 UDB 8.1 FP6a FP7a, FP8 and DB2 UDB 8.2?](#)

More DB2 Related Information:

-ArcSDE is tested and certified on DB2 UDB Enterprise Server Edition. Other versions of DB2

UDB such as WSE, WSUE, and PE share a common code base and are supported as long as they meet the ArcSDE requirements listed above. For more information on the distributed editions of DB2, refer to the articles listed below.

-Which Distributed Edition of DB2 Version 8 is Right for You?
-Comparing the distributed DB2 UDB servers
-DB2 System Requirements

ArcSDE 9.0 with Linux-Intel Red Hat Enterprise Linux AS/ES 3.0 on Oracle 9i (32 bit) 9.2.0.4

Quick Links

Hardware Requirements
Database Notes
Compatibility Notes
Best Configuration

Product:	ArcSDE 9.0
Platform:	Linux-Intel
Operating System:	Red Hat Enterprise Linux AS/ES 3.0
Service Pack(s)/Patch(es):	Update 2 or higher
Shipping/Release Date:	May 10, 2004
DBMS:	Oracle 9i (32 bit)
DBMS Version:	9.2.0.4
DBMS Certification Date:	May 10, 2004

Hardware Requirements

Architecture:

x86 architecture (32-bit)

Notes:

OPERATING SYSTEM REQUIREMENTS

ArcSDE 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 ArcSDE to function properly:
Base Development package
Base Legacy Software Development package

Database Notes

Please see KB article #25896 for additional required Oracle Spatial patch information.

Oracle Patch Support
Oracle 9.2.0.3 or higher 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

An ArcSDE software installation requires approximately 40-160MB of hard disk space depending on platform and database being utilized. Memory requirements for the ArcSDE server may range from 1MB to 40MB but will vary. In addition memory requirements per ArcSDE connection may range from 100kb to 40MB per ArcSDE connection but will vary depending on several factors including your configuration choice and database usage. If using ArcSDE in the application server configuration, your server memory requirements will be larger. If using the direct connect

configuration, your ArcSDE server memory requirements will be less, but your client machine memory requirements will be larger. Users conducting a lot of edits or selections will often consume more memory than those users simply displaying data from the database.

For more information or assistance with configuring your hardware for ESRI products, review the System Design Strategies Whitepaper available on ESRI's website, contact the ESRI Systems Integration Group or your local distributor.

ArcSDE 9.0 with Linux-Intel SUSE Linux Enterprise Server 8 on Oracle 9i (32 bit) 9.2.0.4

Quick Links

Hardware Requirements

Database Notes

Compatibility Notes

Best Configuration

Product:	ArcSDE 9.0
Platform:	Linux-Intel
Operating System:	SUSE Linux Enterprise Server 8
Shipping/Release Date:	May 10, 2004
DBMS:	Oracle 9i (32 bit)
DBMS Version:	9.2.0.4
DBMS Certification Date:	May 10, 2004

Hardware Requirements

Architecture:

x86 architecture (32-bit)

Notes:

OPERATING SYSTEM REQUIREMENTS

ArcSDE 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 will be supported as long as the patches are supported by the webserver and they are from Suse without any modification to the latest kernel/glibc version.

Database Notes

Please see KB article #25896 for additional required Oracle Spatial patch information.

Oracle Patch Support
Oracle 9.2.0.3 or higher 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

An ArcSDE software installation requires approximately 40-160MB of hard disk space depending on platform and database being utilized. Memory requirements for the ArcSDE server may range from 1MB to 40MB but will vary. In addition memory requirements per ArcSDE connection may range from 100kb to 40MB per ArcSDE connection but will vary depending on several factors including your configuration choice and database usage. If using ArcSDE in the application server configuration, your server memory requirements will be larger. If using the direct connect configuration, your ArcSDE server memory requirements will be less, but your client machine memory requirements will be larger. Users conducting a lot of edits or selections will often consume more memory than those users simply displaying data from the database.

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System Design Strategies Whitepaper available on ESRI's website, contact the ESRI Systems Integration Group or your local distributor.

ArcSDE 9.0 with PC-Intel Windows 2000 Server, Advanced Server & Datacenter on IBM DB2 Universal Database 8.1 (UDB 32-bit) FixPak 4a

Quick Links

Database Notes
Compatibility Notes
Best Configuration
Related Materials

Product:	ArcSDE 9.0
Platform:	PC-Intel
Operating System:	Windows 2000 Server, Advanced Server & Datacenter
Service Pack(s)/Patch(es):	SP4
Shipping/Release Date:	May 10, 2004
DBMS:	IBM DB2 Universal Database 8.1 (UDB 32-bit)
DBMS Version:	FixPak 4a
DBMS Certification Date:	May 10, 2004

Database Notes

Requirements:

-IBM Spatial Extender Version 8.1 FP4a.

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

An ArcSDE software installation requires approximately 40-160MB of hard disk space depending on platform and database being utilized. Memory requirements for the ArcSDE server may range from 1MB to 40MB but will vary. In addition memory requirements per ArcSDE connection may range from 100kb to 40MB per ArcSDE connection but will vary depending on several factors including your configuration choice and database usage. If using ArcSDE in the application server configuration, your server memory requirements will be larger. If using the direct connect configuration, your ArcSDE server memory requirements will be less, but your client machine memory requirements will be larger. Users conducting a lot of edits or selections will often consume more memory than those users simply displaying data from the database.

For more information or assistance with configuring your hardware for ESRI products, review the System Design Strategies Whitepaper available on ESRI's website, contact the ESRI Systems Integration Group or your local distributor.

Related Materials

Database:

More ESRI Related Information:

- ESRI Supported Environment Policy
- FAQ: What is the support and planned support for ArcSDE for IBM DB2 with DB2 UDB 8.1 FP6a FP7a, FP8 and DB2 UDB 8.2?

More DB2 Related Information:

-ArcSDE is tested and certified on DB2 UDB Enterprise Server Edition. Other versions of DB2 UDB such as WSE, WSUE, and PE share a common code base and are supported as long as they meet the ArcSDE requirements listed above. For more information on the distributed editions of DB2, refer to the articles listed below.

-Which Distributed Edition of DB2 Version 8 is Right for You?

-Comparing the distributed DB2 UDB servers

-DB2 System Requirements

ArcSDE 9.0 with PC-Intel Windows 2000 Server, Advanced Server & Datacenter on IBM DB2 Universal Database 8.1 (UDB 32-bit) Fixpak 6a

Quick Links

Database Notes

Compatibility Notes

Best Configuration

Related Materials

Product:	ArcSDE 9.0
Platform:	PC-Intel
Operating System:	Windows 2000 Server, Advanced Server & Datacenter
Service Pack(s)/Patch(es):	SP4
Shipping/Release Date:	May 10, 2004
DBMS:	IBM DB2 Universal Database 8.1 (UDB 32-bit)
DBMS Version:	Fixpak 6a
DBMS Certification Date:	May 10, 2004

Database Notes

Requirements:

-IBM Spatial Extender Version 8.1 FP6a.

-ArcSDE 9.0 Service Pack 3 - This includes fixes from ArcSDE 9.0 SP2 that add support for fixpak 6 (and greater) functionality. For a complete list please refer to the Service Pack 3 link.

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

An ArcSDE software installation requires approximately 40-160MB of hard disk space depending on platform and database being utilized. Memory requirements for the ArcSDE server may range from 1MB to 40MB but will vary. In addition memory requirements per ArcSDE connection may range from 100kb to 40MB per ArcSDE connection but will vary depending on several factors including your configuration choice and database usage. If using ArcSDE in the application server configuration, your server memory requirements will be larger. If using the direct connect configuration, your ArcSDE server memory requirements will be less, but your client machine memory requirements will be larger. Users conducting a lot of edits or selections will often consume more memory than those users simply displaying data from the database.

For more information or assistance with configuring your hardware for ESRI products, review the System Design Strategies Whitepaper available on ESRI's website, contact the ESRI Systems Integration Group or your local distributor.

Related Materials

Database:

More ESRI Related Information:

- ESRI Supported Environment Policy
- FAQ: What is the support and planned support for ArcSDE for IBM DB2 with DB2 UDB 8.1 FP6a FP7a, FP8 and DB2 UDB 8.2?

More DB2 Related Information:

-ArcSDE is tested and certified on DB2 UDB Enterprise Server Edition. Other versions of DB2 UDB such as WSE, WSUE, and PE share a common code base and are supported as long as they meet the ArcSDE requirements listed above. For more information on the distributed editions of DB2, refer to the articles listed below.

-Which Distributed Edition of DB2 Version 8 is Right for You?

-Comparing the distributed DB2 UDB servers

-DB2 System Requirements

ArcSDE 9.0 with PC-Intel Windows 2000 Server, Advanced Server & Datacenter on IBM DB2 Universal Database 8.2 (UDB 32-bit) Fixpak 1

Quick Links

Database Notes

Compatibility Notes

Best Configuration

Related Materials

Product: ArcSDE 9.0

Platform: PC-Intel

Operating System: Windows 2000 Server, Advanced Server & Datacenter

Service Pack(s)/Patch(es): SP4

Shipping/Release Date: May 10, 2004

DBMS: IBM DB2 Universal Database 8.2 (UDB 32-bit)

DBMS Version: Fixpak 1

DBMS Certification Date: May 10, 2004

Database Notes

Requirements:

-IBM Spatial Extender Version 8.2 FP1 (8.1 FP8). FixPak 8a has a few additional fixes. This is supported and assumed to work but untested at the present time.

-ArcSDE 9.0 Service Pack 3 - This includes fixes from ArcSDE 9.0 SP2 that add support for DB2 8.2 functionality. For a complete list please refer to the Service Pack 3 link.

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

An ArcSDE software installation requires approximately 40-160MB of hard disk space depending on platform and database being utilized. Memory requirements for the ArcSDE server may range from 1MB to 40MB but will vary. In addition memory requirements per ArcSDE connection may range from 100kb to 40MB per ArcSDE connection but will vary depending on several factors including your configuration choice and database usage. If using ArcSDE in the application server configuration, your server memory requirements will be larger. If using the direct connect configuration, your ArcSDE server memory requirements will be less, but your client machine memory requirements will be larger. Users conducting a lot of edits or selections will often consume more memory than those users simply displaying data from the database.

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Related Materials

Database:

More ESRI Related Information:

- ESRI Supported Environment Policy
- FAQ: What is the support and planned support for ArcSDE for IBM DB2 with DB2 UDB 8.1 FP6a FP7a, FP8 and DB2 UDB 8.2?

More DB2 Related Information:

-ArcSDE is tested and certified on DB2 UDB Enterprise Server Edition. Other versions of DB2 UDB such as WSE, WSUE, and PE share a common code base and are supported as long as they meet the ArcSDE requirements listed above. For more information on the distributed editions of DB2, refer to the articles listed below.

-Which Distributed Edition of DB2 Version 8 is Right for You?

-Comparing the distributed DB2 UDB servers

-DB2 System Requirements

ArcSDE 9.0 with PC-Intel Windows 2000 Server, Advanced Server & Datacenter on INFORMIX Dynamic Server 9.40.TC3

Product:	ArcSDE 9.0
Platform:	PC-Intel
Operating System:	Windows 2000 Server, Advanced Server & Datacenter
Service Pack(s)/Patch(es):	SP4
Shipping/Release Date:	May 10, 2004
DBMS:	INFORMIX Dynamic Server
DBMS Version:	9.40.TC3
DBMS Certification Date:	May 10, 2004

Database Notes

Certified for IDS 9.40TC3 Enterprise Edition Only.

Requires:

Informix Spatial Datablade 8.20.TC1

Informix ClientSDK 2.81.TC2

-ArcSDE 9.0 for Informix does not support Extensible Markup Language (XML). As a consequence, it will not support ArcIMS Metadata Server 9.0.

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

An ArcSDE software installation requires approximately 40-160MB of hard disk space depending on platform and database being utilized. Memory requirements for the ArcSDE server may range from 1MB to 40MB but will vary. In addition memory requirements per ArcSDE connection may range from 100kb to 40MB per ArcSDE connection but will vary depending on several factors including your configuration choice and database usage. If using ArcSDE in the application server configuration, your server memory requirements will be larger. If using the direct connect configuration, your ArcSDE server memory requirements will be less, but your client machine memory requirements will be larger. Users conducting a lot of edits or selections will often consume more memory than those users simply displaying data from the database.

For more information or assistance with configuring your hardware for ESRI products, review the System Design Strategies Whitepaper available on ESRI's website, contact the ESRI Systems Integration Group or your local distributor.

ArcSDE 9.0 with PC-Intel Windows 2000 Server, Advanced Server & Datacenter on Microsoft SQL Server 2000 SP4

Quick Links

     Database Notes

     Compatibility Notes

     Best Configuration

Product:	ArcSDE 9.0
Platform:	PC-Intel
Operating System:	Windows 2000 Server, Advanced Server & Datacenter

Service Pack(s)/Patch(es): SP4

Shipping/Release Date: May 10, 2004

DBMS: Microsoft SQL Server

DBMS Version: 2000 SP4

DBMS Certification Date: May 10, 2004

Database Notes

Versions Supported - Desktop Engine, Standard, Enterprise

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

An ArcSDE software installation requires approximately 40-160MB of hard disk space depending on platform and database being utilized. Memory requirements for the ArcSDE server may range from 1MB to 40MB but will vary. In addition memory requirements per ArcSDE connection may range from 100kb to 40MB per ArcSDE connection but will vary depending on several factors including your configuration choice and database usage. If using ArcSDE in the application server configuration, your server memory requirements will be larger. If using the direct connect configuration, your ArcSDE server memory requirements will be less, but your client machine memory requirements will be larger. Users conducting a lot of edits or selections will often consume more memory than those users simply displaying data from the database.

For more information or assistance with configuring your hardware for ESRI products, review the System Design Strategies Whitepaper available on ESRI's website, contact the ESRI Systems Integration Group or your local distributor.

ArcSDE 9.0 with PC-Intel Windows 2000 Server, Advanced Server & Datacenter on Microsoft SQL Server 7

Product:	ArcSDE 9.0
Platform:	PC-Intel
Operating System:	Windows 2000 Server, Advanced Server & Datacenter
Service Pack(s)/Patch(es):	SP4
Shipping/Release Date:	May 10, 2004
DBMS:	Microsoft SQL Server
DBMS Version:	7
DBMS Certification Date:	May 10, 2004

Database Notes

ESRI does not support the ArcSDE XML type for SQL Server 7. As a consequence, it will not support ArcIMS Metadata Server 9.0. Any SQL Server 7 user who wishes to use ArcIMS Metadata Server 9.0 will have to upgrade to SQL Server 2000.

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that

impact minimum system requirements for server focused products.

An ArcSDE software installation requires approximately 40-160MB of hard disk space depending on platform and database being utilized. Memory requirements for the ArcSDE server may range from 1MB to 40MB but will vary. In addition memory requirements per ArcSDE connection may range from 100kb to 40MB per ArcSDE connection but will vary depending on several factors including your configuration choice and database usage. If using ArcSDE in the application server configuration, your server memory requirements will be larger. If using the direct connect configuration, your ArcSDE server memory requirements will be less, but your client machine memory requirements will be larger. Users conducting a lot of edits or selections will often consume more memory than those users simply displaying data from the database.

For more information or assistance with configuring your hardware for ESRI products, review the System Design Strategies Whitepaper available on ESRI's website, contact the ESRI Systems Integration Group or your local distributor.

ArcSDE 9.0 with PC-Intel Windows 2000 Server, Advanced Server & Datacenter on Oracle 8i (32 bit) 8.1.7

Quick Links

Compatibility Notes
Best Configuration

Product:	ArcSDE 9.0
Platform:	PC-Intel
Operating System:	Windows 2000 Server, Advanced Server & Datacenter
Service Pack(s)/Patch(es):	SP4
Shipping/Release Date:	May 10, 2004
DBMS:	Oracle 8i (32 bit)

DBMS Version: 8.1.7

DBMS Certification Date: May 10, 2004

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

An ArcSDE software installation requires approximately 40-160MB of hard disk space depending on platform and database being utilized. Memory requirements for the ArcSDE server may range from 1MB to 40MB but will vary. In addition memory requirements per ArcSDE connection may range from 100kb to 40MB per ArcSDE connection but will vary depending on several factors including your configuration choice and database usage. If using ArcSDE in the application server configuration, your server memory requirements will be larger. If using the direct connect configuration, your ArcSDE server memory requirements will be less, but your client machine memory requirements will be larger. Users conducting a lot of edits or selections will often consume more memory than those users simply displaying data from the database.

For more information or assistance with configuring your hardware for ESRI products, review the System Design Strategies Whitepaper available on ESRI's website, contact the ESRI Systems Integration Group or your local distributor.

ArcSDE 9.0 with PC-Intel Windows 2000 Server, Advanced Server & Datacenter on Oracle 9i (32 bit) 9.2.0.3.0

Quick Links

Database Notes

Compatibility Notes

Best Configuration

Product: ArcSDE 9.0

Platform:	PC-Intel
Operating System:	Windows 2000 Server, Advanced Server & Datacenter
Service Pack(s)/Patch(es):	SP4
Shipping/Release Date:	May 10, 2004
DBMS:	Oracle 9i (32 bit)
DBMS Version:	9.2.0.3.0
DBMS Certification Date:	May 10, 2004

Database Notes

Please see KB article #25896 for additional required Oracle Spatial patch information.

Oracle Patch Support
Oracle 9.2.0.3 or higher 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

An ArcSDE software installation requires approximately 40-160MB of hard disk space depending on platform and database being utilized. Memory requirements for the ArcSDE server may range from 1MB to 40MB but will vary. In addition memory requirements per ArcSDE connection may range from 100kb to 40MB per ArcSDE connection but will vary depending on several factors including your configuration choice and database usage. If using ArcSDE in the application server configuration, your server memory requirements will be larger. If using the direct connect

configuration, your ArcSDE server memory requirements will be less, but your client machine memory requirements will be larger. Users conducting a lot of edits or selections will often consume more memory than those users simply displaying data from the database.

For more information or assistance with configuring your hardware for ESRI products, review the System Design Strategies Whitepaper available on ESRI's website, contact the ESRI Systems Integration Group or your local distributor.

ArcSDE 9.0 with PC-Intel Windows 2003 Server Standard, Enterprise & Datacenter on IBM DB2 Universal Database 8.1 (UDB 32-bit) FixPak 4a

Quick Links

Database Notes
Compatibility Notes
Best Configuration
Related Materials

Product:	ArcSDE 9.0
Platform:	PC-Intel
Operating System:	Windows 2003 Server Standard, Enterprise & Datacenter
Shipping/Release Date:	May 10, 2004
DBMS:	IBM DB2 Universal Database 8.1 (UDB 32-bit)
DBMS Version:	FixPak 4a
DBMS Certification Date:	May 10, 2004

Database Notes

Requirements:

-IBM Spatial Extender Version 8.1 FP4a.

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

An ArcSDE software installation requires approximately 40-160MB of hard disk space depending on platform and database being utilized. Memory requirements for the ArcSDE server may range from 1MB to 40MB but will vary. In addition memory requirements per ArcSDE connection may range from 100kb to 40MB per ArcSDE connection but will vary depending on several factors including your configuration choice and database usage. If using ArcSDE in the application server configuration, your server memory requirements will be larger. If using the direct connect configuration, your ArcSDE server memory requirements will be less, but your client machine memory requirements will be larger. Users conducting a lot of edits or selections will often consume more memory than those users simply displaying data from the database.

For more information or assistance with configuring your hardware for ESRI products, review the System Design Strategies Whitepaper available on ESRI's website, contact the ESRI Systems Integration Group or your local distributor.

Related Materials

Database:

More ESRI Related Information:

- ESRI Supported Environment Policy

- FAQ: What is the support and planned support for ArcSDE for IBM DB2 with DB2 UDB 8.1 FP6a FP7a, FP8 and DB2 UDB 8.2?

More DB2 Related Information:

-ArcSDE is tested and certified on DB2 UDB Enterprise Server Edition. Other versions of DB2 UDB such as WSE, WSUE, and PE share a common code base and are supported as long as they meet the ArcSDE requirements listed above. For more information on the distributed editions of DB2, refer to the articles listed below.

-Which Distributed Edition of DB2 Version 8 is Right for You?

ArcSDE 9.0 with PC-Intel Windows 2003 Server Standard, Enterprise & Datacenter on IBM DB2 Universal Database 8.2 (UDB 32-bit) Fixpak 1

Quick Links

Database Notes

Compatibility Notes

Best Configuration

Related Materials

Product:	ArcSDE 9.0
Platform:	PC-Intel
Operating System:	Windows 2003 Server Standard, Enterprise & Datacenter
Shipping/Release Date:	May 10, 2004
DBMS:	IBM DB2 Universal Database 8.2 (UDB 32-bit)
DBMS Version:	Fixpak 1
DBMS Certification Date:	May 10, 2004

Database Notes

Requirements:

-IBM Spatial Extender Version 8.2 FP1 (8.1 FP8). FixPak 8a has a few additional fixes. This is supported and assumed to work but untested at the present time.

-ArcSDE 9.0 Service Pack 3 - This includes fixes from ArcSDE 9.0 SP2 that add support for DB2 8.2 functionality. For a complete list please refer to the Service Pack 3 link.

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

An ArcSDE software installation requires approximately 40-160MB of hard disk space depending on platform and database being utilized. Memory requirements for the ArcSDE server may range from 1MB to 40MB but will vary. In addition memory requirements per ArcSDE connection may range from 100kb to 40MB per ArcSDE connection but will vary depending on several factors including your configuration choice and database usage. If using ArcSDE in the application server configuration, your server memory requirements will be larger. If using the direct connect configuration, your ArcSDE server memory requirements will be less, but your client machine memory requirements will be larger. Users conducting a lot of edits or selections will often consume more memory than those users simply displaying data from the database.

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Related Materials

Database:
More ESRI Related Information:
- ESRI Supported Environment Policy
- FAQ: What is the support and planned support for ArcSDE for IBM DB2 with DB2 UDB 8.1 FP6a FP7a, FP8 and DB2 UDB 8.2?

More DB2 Related Information:
-ArcSDE is tested and certified on DB2 UDB Enterprise Server Edition. Other versions of DB2 UDB such as WSE, WSUE, and PE share a common code base and are supported as long as they meet the ArcSDE requirements listed above. For more information on the distributed editions of DB2, refer to the articles listed below.
-Which Distributed Edition of DB2 Version 8 is Right for You?
-Comparing the distributed DB2 UDB servers
-DB2 System Requirements

ArcSDE 9.0 with PC-Intel Windows 2003 Server Standard, Enterprise & Datacenter on Microsoft SQL Server 2000 SP4

Product:	ArcSDE 9.0
Platform:	PC-Intel
Operating System:	Windows 2003 Server Standard, Enterprise & Datacenter
Shipping/Release Date:	May 10, 2004
DBMS:	Microsoft SQL Server
DBMS Version:	2000 SP4
DBMS Certification Date:	May 10, 2004

Database Notes

Versions Supported - Desktop Engine, Standard, Enterprise
ArcSDE 9.0 for SQL Server 2000 in addition is supported on Windows Server 2003, Service Pack 1 (SP1).

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

An ArcSDE software installation requires approximately 40-160MB of hard disk space depending

on platform and database being utilized. Memory requirements for the ArcSDE server may range from 1MB to 40MB but will vary. In addition memory requirements per ArcSDE connection may range from 100kb to 40MB per ArcSDE connection but will vary depending on several factors including your configuration choice and database usage. If using ArcSDE in the application server configuration, your server memory requirements will be larger. If using the direct connect configuration, your ArcSDE server memory requirements will be less, but your client machine memory requirements will be larger. Users conducting a lot of edits or selections will often consume more memory than those users simply displaying data from the database.

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ArcSDE 9.0 with PC-Intel Windows 2003 Server Standard, Enterprise & Datacenter on Oracle 9i (32 bit) 9.2.0.3.0

Quick Links

Database Notes

Compatibility Notes

Best Configuration

Product:	ArcSDE 9.0
Platform:	PC-Intel
Operating System:	Windows 2003 Server Standard, Enterprise & Datacenter
Shipping/Release Date:	May 10, 2004
DBMS:	Oracle 9i (32 bit)
DBMS Version:	9.2.0.3.0
DBMS Certification Date:	May 10, 2004

Database Notes

Please see KB article #25896 for additional required Oracle Spatial patch information.

Oracle Patch Support

Oracle 9.2.0.3 or higher 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

ArcSDE 9.0 for Oracle is supported on Windows Server 2003, Service Pack 1 (SP1).

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

An ArcSDE software installation requires approximately 40-160MB of hard disk space depending on platform and database being utilized. Memory requirements for the ArcSDE server may range from 1MB to 40MB but will vary. In addition memory requirements per ArcSDE connection may range from 100kb to 40MB per ArcSDE connection but will vary depending on several factors including your configuration choice and database usage. If using ArcSDE in the application server configuration, your server memory requirements will be larger. If using the direct connect configuration, your ArcSDE server memory requirements will be less, but your client machine memory requirements will be larger. Users conducting a lot of edits or selections will often consume more memory than those users simply displaying data from the database.

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ArcSDE 9.0 with PC-Intel Windows NT Server 4.0 on IBM DB2 Universal Database 8.1 (UDB 32-bit) FixPak 4a

Quick Links

Database Notes

Compatibility Notes

Product:	ArcSDE 9.0
Platform:	PC-Intel
Operating System:	Windows NT Server 4.0
Service Pack(s)/Patch(es):	SP6a
Shipping/Release Date:	May 10, 2004
DBMS:	IBM DB2 Universal Database 8.1 (UDB 32-bit)
DBMS Version:	FixPak 4a
DBMS Certification Date:	May 10, 2004

Database Notes

Requirements:

-IBM Spatial Extender Version 8.1 FP4a.

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

An ArcSDE software installation requires approximately 40-160MB of hard disk space depending on platform and database being utilized. Memory requirements for the ArcSDE server may range from 1MB to 40MB but will vary. In addition memory requirements per ArcSDE connection may range from 100kb to 40MB per ArcSDE connection but will vary depending on several factors including your configuration choice and database usage. If using ArcSDE in the application server

configuration, your server memory requirements will be larger. If using the direct connect configuration, your ArcSDE server memory requirements will be less, but your client machine memory requirements will be larger. Users conducting a lot of edits or selections will often consume more memory than those users simply displaying data from the database.

For more information or assistance with configuring your hardware for ESRI products, review the System Design Strategies Whitepaper available on ESRI's website, contact the ESRI Systems Integration Group or your local distributor.

Related Materials

Database:

More ESRI Related Information:

- ESRI Supported Environment Policy
- FAQ: What is the support and planned support for ArcSDE for IBM DB2 with DB2 UDB 8.1 FP6a FP7a, FP8 and DB2 UDB 8.2?

More DB2 Related Information:

-ArcSDE is tested and certified on DB2 UDB Enterprise Server Edition. Other versions of DB2 UDB such as WSE, WSUE, and PE share a common code base and are supported as long as they meet the ArcSDE requirements listed above. For more information on the distributed editions of DB2, refer to the articles listed below.

-Which Distributed Edition of DB2 Version 8 is Right for You?

-Comparing the distributed DB2 UDB servers

-DB2 System Requirements

ArcSDE 9.0 with PC-Intel Windows NT Server 4.0 on INFORMIX Dynamic Server 9.40.TC3

Quick Links

Database Notes

Compatibility Notes

Best Configuration

Product: ArcSDE 9.0

Platform:	PC-Intel

| *Operating System:* | Windows NT Server 4.0 |

Service Pack(s)/Patch(es): SP6a

| *Shipping/Release Date:* | May 10, 2004 |

| *DBMS:* | INFORMIX Dynamic Server |

| *DBMS Version:* | 9.40.TC3 |

DBMS Certification Date: May 10, 2004

Database Notes

Certified for IDS 9.40TC3 Enterprise Edition Only.

Requires:

Informix Spatial Datablade 8.20.TC1

Informix ClientSDK 2.81.TC2

-ArcSDE 9.0 for Informix does not support Extensible Markup Language (XML). As a consequence, it will not support ArcIMS Metadata Server 9.0.

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

An ArcSDE software installation requires approximately 40-160MB of hard disk space depending on platform and database being utilized. Memory requirements for the ArcSDE server may range from 1MB to 40MB but will vary. In addition memory requirements per ArcSDE connection may range from 100kb to 40MB per ArcSDE connection but will vary depending on several factors including your configuration choice and database usage. If using ArcSDE in the application server

configuration, your server memory requirements will be larger. If using the direct connect configuration, your ArcSDE server memory requirements will be less, but your client machine memory requirements will be larger. Users conducting a lot of edits or selections will often consume more memory than those users simply displaying data from the database.

For more information or assistance with configuring your hardware for ESRI products, review the System Design Strategies Whitepaper available on ESRI's website, contact the ESRI Systems Integration Group or your local distributor.

ArcSDE 9.0 with PC-Intel Windows NT Server 4.0 on Microsoft SQL Server 2000 SP4

Quick Links

Compatibility Notes
Best Configuration

Product:	ArcSDE 9.0
Platform:	PC-Intel
Operating System:	Windows NT Server 4.0
Service Pack(s)/Patch(es):	SP6a
Shipping/Release Date:	May 10, 2004
DBMS:	Microsoft SQL Server
DBMS Version:	2000 SP4
DBMS Certification Date:	May 10, 2004

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

An ArcSDE software installation requires approximately 40-160MB of hard disk space depending on platform and database being utilized. Memory requirements for the ArcSDE server may range from 1MB to 40MB but will vary. In addition memory requirements per ArcSDE connection may range from 100kb to 40MB per ArcSDE connection but will vary depending on several factors including your configuration choice and database usage. If using ArcSDE in the application server configuration, your server memory requirements will be larger. If using the direct connect configuration, your ArcSDE server memory requirements will be less, but your client machine memory requirements will be larger. Users conducting a lot of edits or selections will often consume more memory than those users simply displaying data from the database.

For more information or assistance with configuring your hardware for ESRI products, review the System Design Strategies Whitepaper available on ESRI's website, contact the ESRI Systems Integration Group or your local distributor.

ArcSDE 9.0 with PC-Intel Windows NT Server 4.0 on Microsoft SQL Server 7

Quick Links

Database Notes
Compatibility Notes
Best Configuration

Product:	ArcSDE 9.0
Platform:	PC-Intel
Operating System:	Windows NT Server 4.0
Service Pack(s)/Patch(es):	SP6a
Shipping/Release Date:	May 10, 2004

DBMS:	Microsoft SQL Server
DBMS Version:	7
DBMS Certification Date:	May 10, 2004

Database Notes

ESRI does not support the ArcSDE XML type for SQL Server 7. As a consequence, it will not support ArcIMS Metadata Server 9.0. Any SQL Server 7 user who wishes to use ArcIMS Metadata Server 9.0 will have to upgrade to SQL Server 2000.

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

An ArcSDE software installation requires approximately 40-160MB of hard disk space depending on platform and database being utilized. Memory requirements for the ArcSDE server may range from 1MB to 40MB but will vary. In addition memory requirements per ArcSDE connection may range from 100kb to 40MB per ArcSDE connection but will vary depending on several factors including your configuration choice and database usage. If using ArcSDE in the application server configuration, your server memory requirements will be larger. If using the direct connect configuration, your ArcSDE server memory requirements will be less, but your client machine memory requirements will be larger. Users conducting a lot of edits or selections will often consume more memory than those users simply displaying data from the database.

For more information or assistance with configuring your hardware for ESRI products, review the System Design Strategies Whitepaper available on ESRI's website, contact the ESRI Systems Integration Group or your local distributor.

ArcSDE 9.0 with PC-Intel Windows NT Server 4.0 on Oracle 8i (32 bit) 8.1.7

Quick Links

Product:	ArcSDE 9.0
Platform:	PC-Intel
Operating System:	Windows NT Server 4.0
Service Pack(s)/Patch(es):	SP6a
Shipping/Release Date:	May 10, 2004
DBMS:	Oracle 8i (32 bit)
DBMS Version:	8.1.7
DBMS Certification Date:	May 10, 2004

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

An ArcSDE software installation requires approximately 40-160MB of hard disk space depending on platform and database being utilized. Memory requirements for the ArcSDE server may range from 1MB to 40MB but will vary. In addition memory requirements per ArcSDE connection may range from 100kb to 40MB per ArcSDE connection but will vary depending on several factors including your configuration choice and database usage. If using ArcSDE in the application server configuration, your server memory requirements will be larger. If using the direct connect configuration, your ArcSDE server memory requirements will be less, but your client machine memory requirements will be larger. Users conducting a lot of edits or selections will often consume more memory than those users simply displaying data from the database.

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ArcSDE 9.0 with PC-Intel Windows NT Server 4.0 on Oracle 9i (32 bit) 9.2.0.3.0

Quick Links

[Database Notes](#)
[Compatibility Notes](#)
[Best Configuration](#)

Product:	ArcSDE 9.0
Platform:	PC-Intel
Operating System:	Windows NT Server 4.0
Service Pack(s)/Patch(es):	SP6a
Shipping/Release Date:	May 10, 2004
DBMS:	Oracle 9i (32 bit)
DBMS Version:	9.2.0.3.0
DBMS Certification Date:	May 10, 2004

Database Notes

Please see KB article #25896 for additional required Oracle Spatial patch information.

Oracle Patch Support
Oracle 9.2.0.3 or higher 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

An ArcSDE software installation requires approximately 40-160MB of hard disk space depending on platform and database being utilized. Memory requirements for the ArcSDE server may range from 1MB to 40MB but will vary. In addition memory requirements per ArcSDE connection may range from 100kb to 40MB per ArcSDE connection but will vary depending on several factors including your configuration choice and database usage. If using ArcSDE in the application server configuration, your server memory requirements will be larger. If using the direct connect configuration, your ArcSDE server memory requirements will be less, but your client machine memory requirements will be larger. Users conducting a lot of edits or selections will often consume more memory than those users simply displaying data from the database.

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ArcSDE 9.0 with Sun Solaris 8 (SPARC) on IBM DB2 Universal Database 8.1 (UDB 64-bit) FixPak 4a

Quick Links

- Database Notes
- Compatibility Notes
- Best Configuration
- Related Materials

Product:	ArcSDE 9.0
Platform:	Sun
Operating System:	Solaris 8 (SPARC)

Shipping/Release Date: May 10, 2004

DBMS: IBM DB2 Universal Database 8.1 (UDB 64-bit)

DBMS Version: FixPak 4a

DBMS Certification Date: May 10, 2004

Database Notes

Requirements:

-IBM Spatial Extender Version 8.1 FP4a.

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

An ArcSDE software installation requires approximately 40-160MB of hard disk space depending on platform and database being utilized. Memory requirements for the ArcSDE server may range from 1MB to 40MB but will vary. In addition memory requirements per ArcSDE connection may range from 100kb to 40MB per ArcSDE connection but will vary depending on several factors including your configuration choice and database usage. If using ArcSDE in the application server configuration, your server memory requirements will be larger. If using the direct connect configuration, your ArcSDE server memory requirements will be less, but your client machine memory requirements will be larger. Users conducting a lot of edits or selections will often consume more memory than those users simply displaying data from the database.

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Related Materials

Database:

More ESRI Related Information:

- ESRI Supported Environment Policy

- FAQ: What is the support and planned support for ArcSDE for IBM DB2 with DB2 UDB 8.1 FP6a FP7a, FP8 and DB2 UDB 8.2?

More DB2 Related Information:

-ArcSDE is tested and certified on DB2 UDB Enterprise Server Edition. Other versions of DB2 UDB such as WSE, WSUE, and PE share a common code base and are supported as long as they meet the ArcSDE requirements listed above. For more information on the distributed editions of DB2, refer to the articles listed below.

-Which Distributed Edition of DB2 Version 8 is Right for You?

-Comparing the distributed DB2 UDB servers

-DB2 System Requirements

ArcSDE 9.0 with Sun Solaris 8 (SPARC) on IBM DB2 Universal Database 8.1 (UDB 64-bit) Fixpak 6a

Quick Links

    Database Notes

    Compatibility Notes

    Best Configuration

    Related Materials

Product:	ArcSDE 9.0
Platform:	Sun
Operating System:	Solaris 8 (SPARC)
Shipping/Release Date:	May 10, 2004
DBMS:	IBM DB2 Universal Database 8.1 (UDB 64-bit)
DBMS Version:	Fixpak 6a

DBMS Certification Date: May 10, 2004

Database Notes

Requirements:

-IBM Spatial Extender Version 8.1 FP6a.

-ArcSDE 9.0 Service Pack 3 - This includes fixes from ArcSDE 9.0 SP2 that add support for DB2 8.1 fixpak 6 (and greater) functionality. For a complete list please refer to the Service Pack 3 link.

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

An ArcSDE software installation requires approximately 40-160MB of hard disk space depending on platform and database being utilized. Memory requirements for the ArcSDE server may range from 1MB to 40MB but will vary. In addition memory requirements per ArcSDE connection may range from 100kb to 40MB per ArcSDE connection but will vary depending on several factors including your configuration choice and database usage. If using ArcSDE in the application server configuration, your server memory requirements will be larger. If using the direct connect configuration, your ArcSDE server memory requirements will be less, but your client machine memory requirements will be larger. Users conducting a lot of edits or selections will often consume more memory than those users simply displaying data from the database.

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Related Materials

Database:

More ESRI Related Information:

- ESRI Supported Environment Policy

More DB2 Related Information:

-ArcSDE is tested and certified on DB2 UDB Enterprise Server Edition. Other versions of DB2 UDB such as WSE, WSUE, and PE share a common code base and are supported as long as they meet the ArcSDE requirements listed above. For more information on the distributed editions of DB2, refer to the articles listed below.

-Which Distributed Edition of DB2 Version 8 is Right for You?

-Comparing the distributed DB2 UDB servers

-DB2 System Requirements

ArcSDE 9.0 with Sun Solaris 8 (SPARC) on INFORMIX Dynamic Server 9.40.UC3

Quick Links

Database Notes

Compatibility Notes

Best Configuration

Product:	ArcSDE 9.0
Platform:	Sun
Operating System:	Solaris 8 (SPARC)
Shipping/Release Date:	May 10, 2004
DBMS:	INFORMIX Dynamic Server
DBMS Version:	9.40.UC3
DBMS Certification Date:	May 10, 2004

Database Notes

Certified for IDS 9.40UC3 Enterprise Edition Only.

Requires:

Informix Spatial Datablade 8.20.UC1

Informix ClientSDK 2.81.UC2

-ArcSDE 9.0 for Informix does not support Extensible Markup Language (XML). As a consequence, it will not support ArcIMS Metadata Server 9.0.

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

An ArcSDE software installation requires approximately 40-160MB of hard disk space depending on platform and database being utilized. Memory requirements for the ArcSDE server may range from 1MB to 40MB but will vary. In addition memory requirements per ArcSDE connection may range from 100kb to 40MB per ArcSDE connection but will vary depending on several factors including your configuration choice and database usage. If using ArcSDE in the application server configuration, your server memory requirements will be larger. If using the direct connect configuration, your ArcSDE server memory requirements will be less, but your client machine memory requirements will be larger. Users conducting a lot of edits or selections will often consume more memory than those users simply displaying data from the database.

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ArcSDE 9.0 with Sun Solaris 8 (SPARC) on Oracle 8i (32 bit) 8.1.7.0.0

Quick Links

Compatibility Notes

Best Configuration

Product: ArcSDE 9.0

Platform: Sun

Operating System: Solaris 8 (SPARC)

Shipping/Release Date: May 10, 2004

DBMS: Oracle 8i (32 bit)

DBMS Version: 8.1.7.0.0

DBMS Certification Date: May 10, 2004

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

An ArcSDE software installation requires approximately 40-160MB of hard disk space depending on platform and database being utilized. Memory requirements for the ArcSDE server may range from 1MB to 40MB but will vary. In addition memory requirements per ArcSDE connection may range from 100kb to 40MB per ArcSDE connection but will vary depending on several factors including your configuration choice and database usage. If using ArcSDE in the application server configuration, your server memory requirements will be larger. If using the direct connect configuration, your ArcSDE server memory requirements will be less, but your client machine memory requirements will be larger. Users conducting a lot of edits or selections will often consume more memory than those users simply displaying data from the database.

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ArcSDE 9.0 with Sun Solaris 8 (SPARC) on Oracle 9i (32 bit) 9.2.0.3.0

Quick Links

Database Notes

Compatibility Notes

Best Configuration

Product:	ArcSDE 9.0
Platform:	Sun
Operating System:	Solaris 8 (SPARC)
Shipping/Release Date:	May 10, 2004
DBMS:	Oracle 9i (32 bit)
DBMS Version:	9.2.0.3.0
DBMS Certification Date:	May 10, 2004

Database Notes

Please see KB article #25896 for additional required Oracle Spatial patch information.

Oracle Patch Support

Oracle 9.2.0.3 or higher 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

An ArcSDE software installation requires approximately 40-160MB of hard disk space depending on platform and database being utilized. Memory requirements for the ArcSDE server may range from 1MB to 40MB but will vary. In addition memory requirements per ArcSDE connection may range from 100kb to 40MB per ArcSDE connection but will vary depending on several factors including your configuration choice and database usage. If using ArcSDE in the application server configuration, your server memory requirements will be larger. If using the direct connect configuration, your ArcSDE server memory requirements will be less, but your client machine memory requirements will be larger. Users conducting a lot of edits or selections will often consume more memory than those users simply displaying data from the database.

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ArcSDE 9.0 with Sun Solaris 8 (SPARC) on Oracle 9i (64 bit) 9.2.0.3.0

Quick Links

Database Notes

Compatibility Notes

Best Configuration

Product: ArcSDE 9.0

Platform: Sun

Operating System: Solaris 8 (SPARC)

Shipping/Release Date: May 10, 2004

DBMS: Oracle 9i (64 bit)

DBMS Version: 9.2.0.3.0

DBMS Certification Date: May 10, 2004

Database Notes

Please see KB article #25896 for additional required Oracle Spatial patch information.

Oracle Patch Support
Oracle 9.2.0.3 or higher 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

An ArcSDE software installation requires approximately 40-160MB of hard disk space depending on platform and database being utilized. Memory requirements for the ArcSDE server may range from 1MB to 40MB but will vary. In addition memory requirements per ArcSDE connection may range from 100kb to 40MB per ArcSDE connection but will vary depending on several factors including your configuration choice and database usage. If using ArcSDE in the application server configuration, your server memory requirements will be larger. If using the direct connect configuration, your ArcSDE server memory requirements will be less, but your client machine memory requirements will be larger. Users conducting a lot of edits or selections will often consume more memory than those users simply displaying data from the database.

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ArcSDE 9.0 with Sun Solaris 9 (SPARC) on IBM DB2 Universal Database 8.1 (UDB 64-bit) FixPak 5

Quick Links

Hardware Requirements

Database Notes

Compatibility Notes

Best Configuration

Product: ArcSDE 9.0

Platform: Sun

Operating System: Solaris 9 (SPARC)

Shipping/Release Date: May 10, 2004

DBMS: IBM DB2 Universal Database 8.1 (UDB 64-bit)

DBMS Version: FixPak 5

DBMS Certification Date: May 10, 2004

Hardware Requirements

CPU Speed:

1.0 GHz recommended or higher

Database Notes

Requirements:

-IBM Spatial Extender Version 8.1 FP5.

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

An ArcSDE software installation requires approximately 40-160MB of hard disk space depending on platform and database being utilized. Memory requirements for the ArcSDE server may range from 1MB to 40MB but will vary. In addition memory requirements per ArcSDE connection may

range from 100kb to 40MB per ArcSDE connection but will vary depending on several factors including your configuration choice and database usage. If using ArcSDE in the application server configuration, your server memory requirements will be larger. If using the direct connect configuration, your ArcSDE server memory requirements will be less, but your client machine memory requirements will be larger. Users conducting a lot of edits or selections will often consume more memory than those users simply displaying data from the database.

For more information or assistance with configuring your hardware for ESRI products, review the System Design Strategies Whitepaper available on ESRI's website, contact the ESRI Systems Integration Group or your local distributor.

Related Materials

Database:

More ESRI Related Information:

- ESRI Supported Environment Policy

- FAQ: What is the support and planned support for ArcSDE for IBM DB2 with DB2 UDB 8.1 FP6a FP7a, FP8 and DB2 UDB 8.2?

More DB2 Related Information:

-ArcSDE is tested and certified on DB2 UDB Enterprise Server Edition. Other versions of DB2 UDB such as WSE, WSUE, and PE share a common code base and are supported as long as they meet the ArcSDE requirements listed above. For more information on the distributed editions of DB2, refer to the articles listed below.

-Which Distributed Edition of DB2 Version 8 is Right for You?

-Comparing the distributed DB2 UDB servers

-DB2 System Requirements

ArcSDE 9.0 with Sun Solaris 9 (SPARC) on IBM DB2 Universal Database 8.2 (UDB 64-bit) Fixpak 1

Quick Links

Hardware Requirements

Database Notes

Compatibility Notes

Best Configuration

Product: ArcSDE 9.0

Platform: Sun

Operating System: Solaris 9 (SPARC)

Shipping/Release Date: May 10, 2004

DBMS: IBM DB2 Universal Database 8.2 (UDB 64-bit)

DBMS Version: Fixpak 1

DBMS Certification Date: May 10, 2004

Hardware Requirements

CPU Speed:

1.0 GHz recommended or higher

Database Notes

Requirements:

-IBM Spatial Extender Version 8.2 FP1 (8.1 FP8). FixPak 8a has a few additional fixes. This is supported and assumed to work but untested at the present time.

-ArcSDE 9.0 Service Pack 3 - This includes fixes from ArcSDE 9.0 SP2 that add support for DB2 8.2 functionality. For a complete list please refer to the Service Pack 3 link.

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

An ArcSDE software installation requires approximately 40-160MB of hard disk space depending on platform and database being utilized. Memory requirements for the ArcSDE server may range from 1MB to 40MB but will vary. In addition memory requirements per ArcSDE connection may range from 100kb to 40MB per ArcSDE connection but will vary depending on several factors including your configuration choice and database usage. If using ArcSDE in the application server configuration, your server memory requirements will be larger. If using the direct connect configuration, your ArcSDE server memory requirements will be less, but your client machine memory requirements will be larger. Users conducting a lot of edits or selections will often consume more memory than those users simply displaying data from the database.

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Related Materials

Database:

More ESRI Related Information:

- ESRI Supported Environment Policy

- FAQ: What is the support and planned support for ArcSDE for IBM DB2 with DB2 UDB 8.1 FP6a FP7a, FP8 and DB2 UDB 8.2?

More DB2 Related Information:

-ArcSDE is tested and certified on DB2 UDB Enterprise Server Edition. Other versions of DB2 UDB such as WSE, WSUE, and PE share a common code base and are supported as long as they meet the ArcSDE requirements listed above. For more information on the distributed editions of DB2, refer to the articles listed below.

-Which Distributed Edition of DB2 Version 8 is Right for You?

-Comparing the distributed DB2 UDB servers

-DB2 System Requirements

ArcSDE 9.0 with Sun Solaris 9 (SPARC) on INFORMIX Dynamic Server IDS 9.4 UC3

Quick Links

Hardware Requirements

Product:	ArcSDE 9.0
Platform:	Sun
Operating System:	Solaris 9 (SPARC)
Shipping/Release Date:	May 10, 2004
DBMS:	INFORMIX Dynamic Server
DBMS Version:	IDS 9.4 UC3
DBMS Certification Date:	May 10, 2004

Hardware Requirements

CPU Speed:

1.0 GHz recommended or higher

Database Notes

-Requires Spatial Datablade 8.20 UC1

-Requires ClientSDK 2.81 UC2.

-ArcSDE 9.0 for Informix does not support Extensible Markup Language (XML). As a consequence, it will not support ArcIMS Metadata Server 9.0.

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

An ArcSDE software installation requires approximately 40-160MB of hard disk space depending on platform and database being utilized. Memory requirements for the ArcSDE server may range from 1MB to 40MB but will vary. In addition memory requirements per ArcSDE connection may range from 100kb to 40MB per ArcSDE connection but will vary depending on several factors including your configuration choice and database usage. If using ArcSDE in the application server configuration, your server memory requirements will be larger. If using the direct connect configuration, your ArcSDE server memory requirements will be less, but your client machine memory requirements will be larger. Users conducting a lot of edits or selections will often consume more memory than those users simply displaying data from the database.

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ArcSDE 9.0 with Sun Solaris 9 (SPARC) on Oracle 8i (32 bit) 8.1.7.0.0

Quick Links

Hardware Requirements

Compatibility Notes

Best Configuration

Product:	ArcSDE 9.0
Platform:	Sun
Operating System:	Solaris 9 (SPARC)
Shipping/Release Date:	May 10, 2004
DBMS:	Oracle 8i (32 bit)
DBMS Version:	8.1.7.0.0
DBMS Certification Date:	May 10, 2004

Hardware Requirements

CPU Speed:

1.0 GHz recommended or higher

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

An ArcSDE software installation requires approximately 40-160MB of hard disk space depending on platform and database being utilized. Memory requirements for the ArcSDE server may range from 1MB to 40MB but will vary. In addition memory requirements per ArcSDE connection may range from 100kb to 40MB per ArcSDE connection but will vary depending on several factors including your configuration choice and database usage. If using ArcSDE in the application server configuration, your server memory requirements will be larger. If using the direct connect configuration, your ArcSDE server memory requirements will be less, but your client machine memory requirements will be larger. Users conducting a lot of edits or selections will often consume more memory than those users simply displaying data from the database.

For more information or assistance with configuring your hardware for ESRI products, review the System Design Strategies Whitepaper available on ESRI's website, contact the ESRI Systems Integration Group or your local distributor.

ArcSDE 9.0 with Sun Solaris 9 (SPARC) on Oracle 9i (32 bit) 9.2.0.3.0

Quick Links

Hardware Requirements

Database Notes

Compatibility Notes

Best Configuration

Product: ArcSDE 9.0

Platform: Sun

Operating System: Solaris 9 (SPARC)

Shipping/Release Date: May 10, 2004

DBMS: Oracle 9i (32 bit)

DBMS Version: 9.2.0.3.0

DBMS Certification Date: May 10, 2004

Hardware Requirements

CPU Speed:

1.0 GHz recommended or higher

Database Notes

Please see KB article #25896 for additional required Oracle Spatial patch information.

Oracle Patch Support
Oracle 9.2.0.3 or higher 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

An ArcSDE software installation requires approximately 40-160MB of hard disk space depending on platform and database being utilized. Memory requirements for the ArcSDE server may range from 1MB to 40MB but will vary. In addition memory requirements per ArcSDE connection may range from 100kb to 40MB per ArcSDE connection but will vary depending on several factors

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ArcSDE 9.0 with Sun Solaris 9 (SPARC) on Oracle 9i (64 bit) 9.2.0.3.0

Quick Links

     Hardware Requirements

     Database Notes

     Compatibility Notes

     Best Configuration

Product:	ArcSDE 9.0
Platform:	Sun
Operating System:	Solaris 9 (SPARC)
Shipping/Release Date:	May 10, 2004
DBMS:	Oracle 9i (64 bit)
DBMS Version:	9.2.0.3.0
DBMS Certification Date:	May 10, 2004

Hardware Requirements

CPU Speed:

1.0 GHz recommended or higher

Database Notes

Please see KB article #25896 for additional required Oracle Spatial patch information.

Oracle Patch Support
Oracle 9.2.0.3 or higher 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

Compatibility Notes

The Compatibility Matrix shows the versions of ESRI products that work with ArcSDE.

Best Performance Configuration

ArcSDE is dependant on the underlying database. Minimum hardware recommendations should always be sought from the database vendor in the first instance. There are many factors that impact minimum system requirements for server focused products.

An ArcSDE software installation requires approximately 40-160MB of hard disk space depending on platform and database being utilized. Memory requirements for the ArcSDE server may range from 1MB to 40MB but will vary. In addition memory requirements per ArcSDE connection may range from 100kb to 40MB per ArcSDE connection but will vary depending on several factors including your configuration choice and database usage. If using ArcSDE in the application server configuration, your server memory requirements will be larger. If using the direct connect configuration, your ArcSDE server memory requirements will be less, but your client machine memory requirements will be larger. Users conducting a lot of edits or selections will often consume more memory than those users simply displaying data from the database.

For more information or assistance with configuring your hardware for ESRI products, review the System Design Strategies Whitepaper available on ESRI's website, contact the ESRI Systems Integration Group or your local distributor.