

ArcSDE 8.3 System Requirements

This PDF contains system requirements information, including hardware requirements, best performance configurations, and limitations, for ArcSDE 8.3.

- HP HP-UX 11.0 PA-RISC
 - Informix Dynamic Server 9.30 HC1
 - Oracle 8i (32 bit) 8.1.6
 - Oracle 8i (32 bit) 8.1.7
 - Oracle 9i (64 bit) 9.1.0.2.0
 - Oracle 9i (64 bit) 9.2.0.3.0
- HP HP-UX 11i (11.11) PA-RISC
 - Informix Dynamic Server 9.40 HC3
 - Oracle 9i (64 bit) 9.1.0.2.0
 - Oracle 9i (64 bit) 9.2.0.3.0
- HP TRU64 UNIX 5.0
 - Oracle 8i (64 bit) 8.1.6.0.0
- HP TRU64 UNIX 5.1a
 - Oracle 8i (64 bit) 8.1.7.0.0
 - Oracle 9i (64 bit) 9.1.0.2.0
 - Oracle 9i (64 bit) 9.2.0.3.0
- IBM AIX 4.3.3.0
 - IBM DB2 Universal Database 7.2 (UDB 32-bit) ESE Fixpak 4
 - IBM DB2 Universal Database 7.2 (UDB 32-bit) ESE Fixpak 5
 - IBM DB2 Universal Database 7.2 (UDB 32-bit) ESE Fixpak 8
 - IBM DB2 Universal Database 7.2 (UDB 32-bit) ESE Fixpak 9
 - Informix Dynamic Server 9.30 UC1
 - Oracle 8i (64 bit) Oracle 8.1.7.0.0
 - Oracle 9i (64 bit) 9.1.0.2.0
 - Oracle 9i (64 bit) 9.2.0.1.0
- IBM AIX 5.1.0.0
 - IBM DB2 Universal Database 7.2 (UDB 32-bit) ESE Fixpak 5
 - IBM DB2 Universal Database 7.2 (UDB 32-bit) ESE Fixpak 8
 - IBM DB2 Universal Database 7.2 (UDB 32-bit) ESE Fixpak 9
 - IBM DB2 Universal Database 8.1 (UDB 32-bit) ESE Fixpak 3
 - IBM DB2 Universal Database 8.1 (UDB 32-bit) ESE Fixpak 5
 - Informix Dynamic Server 9.30 UC3
 - Oracle 8i (64 bit) Oracle 8.1.7.0.0
 - Oracle 9i (64 bit) 9.2.0.3.0
- IBM AIX 5.2.0.0
 - IBM DB2 Universal Database 8.1 (UDB 32-bit) ESE Fixpak 4a

- Oracle 9i (64 bit) 9.2.0.3.0
- Linux-Intel Red Hat Linux Advance Server 2.1
 - Oracle 9i 32 bit) 9.2.0.2.0/9.2.0.1.0
 - Oracle 9i (32 bit) 9.2.0.3.0
- Linux-Intel Red Hat Linux 7.1
 - Oracle 9i (32 bit) 9.2.0.2.0
 - Oracle 9i (32 bit) 9.2.0.3.0
- PC-Intel Windows 2000 Datacenter
 - Microsoft SQL Server 2000 SP3 or SP3a
 - Microsoft SQL Server 7
 - Oracle 8i (32 bit) 8.1.7.0.0
 - Oracle 9i (32 bit) 9.0.1.2.0
 - Oracle 9i (32 bit) 9.2.0.3.0
- PC-Intel Intel Windows 2000 Server and Advanced Server
 - IBM DB2 Universal Database 7.2 (UDB 32-bit) ESE Fixpak 4
 - IBM DB2 Universal Database 7.2 (UDB 32-bit) ESE Fixpak 5
 - IBM DB2 Universal Database 7.2 (UDB 32-bit) ESE Fixpak 8
 - IBM DB2 Universal Database 7.2 (UDB 32-bit) ESE Fixpak 9
 - IBM DB2 Universal Database 8.1 (UDB 32-bit) ESE Fixpak 3
 - Informix Dynamic Server 9.30 TC1
 - Informix Dynamic Server 9.30 TC3
 - Microsoft SQL Server 2000 SP3 or SP3a
 - Microsoft SQL Server 7
 - Oracle 8i (32 bit) Oracle 8.1.7.0.0
 - Oracle 9i (32 bit) 9.1.0.2.0
 - Oracle 9i (32 bit) 9.2.0.3.0
- PC-Intel Intel Windows 2003 Server Server Standard, Enterprise and Datacenter
 - IBM DB2 Universal Database 7.2 (UDB 32-bit) ESE Fixpak 9
 - IBM DB2 Universal Database 8.1 (UDB 32-bit) ESE Fixpak 4a
 - IBM DB2 Universal Database 7.2 (UDB 32-bit) ESE Fixpak 5
 - Microsoft SQL Server 2000 SP3 or SP3a
 - Oracle 9i (32 bit) 9.2.0.3.0
- PC-Intel Windows NT Server 4.0
 - Microsoft SQL Server 2000 SP3 or SP3a
 - Microsoft SQL Server 7
 - Oracle 8i (32 bit) Oracle 8.1.7.0.0
 - Oracle 9i (32 bit) 9.1.0.2.0
 - Oracle 9i (32 bit) 9.2.0.3.0
- SGI IRIX 6.5.6
 - Oracle 8i (64 bit) Oracle 8.1.6
- Sun Solaris 7 (SPARC)

- Oracle 8i (32 bit) 8.1.7.0.0
 - Oracle 9i (32 bit) 9.1.0.2.0
 - Oracle 9i (32 bit) 9.2.0.3.0
- Sun Solaris 8 (SPARC)
 - Informix Dynamic Server 9.30 UC1
 - Informix Dynamic Server 9.40 UC3
 - Oracle 8i (32 bit) 8.1.7.0.0
 - Oracle 9i (32 bit) 9.1.0.2.0
 - Oracle 9i (32 bit) 9.2.0.3.0
 - Oracle 9i (64 bit) 9.1.0.2.0
 - Oracle 9i (64 bit) 9.2.0.3.0
- Sun Solaris 9 (SPARC)
 - Oracle 8i (32 bit) 8.1.6
 - Oracle 8i (32 bit) 8.1.6/8.1.7
 - Oracle 9i (32 bit) 9.0.1.2.0
 - Oracle 9i (32 bit) 9.2.0.3
 - Oracle 9i (64 bit) 9.1.0.2.0
 - Oracle 9i (64 bit) 9.2.0.3.0

ArcSDE 8.3 with HP HP-UX 11.0 PA-RISC on INFORMIX Dynamic Server 9.30.HC1

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[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: HP

Operating System: HP-UX 11.0 PA-RISC

Service Pack(s)/Patch(es): PHSS_19593, PHSS_21950, PHSS_16931

Shipping/Release Date: February 10, 2003

DBMS: INFORMIX Dynamic Server

DBMS Version: 9.30.HC1

DBMS Certification Date: February 10, 2003

Hardware Requirements

Processor:

HP PA-RISC

Notes:

PHSS_15593 X/Motif2.1 Runtime SEP99 Cumulative Patch (or latest cumulative patch for this)
PHSS_21950 s700_800 11.X LIBCL patch, which requires PHSS_16931

Database Notes

Requires: Informix Spatial Datablade 8.11HC1
Informix ClientSDK 2.7

Compatibility Notes

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

Best Performance Configuration

ArcSDE is dependent 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 8.3 with HP HP-UX 11.0 PA-RISC on Oracle 8i (32 bit) 8.1.6

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[Best Configuration](#)

Product: ArcSDE 8.3

Platform: HP

Operating System: HP-UX 11.0 PA-RISC

Service Pack(s)/Patch(es): PHSS_19593, PHSS_21950, PHSS_16931

Shipping/Release Date: February 10, 2003

DBMS: Oracle 8i (32 bit)

DBMS Version: 8.1.6

DBMS Certification Date: February 10, 2003

Hardware Requirements

Processor:

HP PA-RISC

Notes:

PHSS_15593 X/Motif2.1 Runtime SEP99 Cumulative Patch (or latest cumulative patch for this)
PHSS_21950 s700_800 11.X LIBCL patch, which requires PHSS_16931

Compatibility Notes

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ArcSDE 8.3 with HP HP-UX 11.0 PA-RISC on Oracle 8i (32 bit) 8.1.7

Quick Links

[Hardware Requirements](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: HP

Operating System: HP-UX 11.0 PA-RISC

Service Pack(s)/Patch(es): PHSS_19593, PHSS_21950, PHSS_16931

Shipping/Release Date: February 10, 2003

DBMS: Oracle 8i (32 bit)

DBMS Version: 8.1.7

DBMS Certification Date: February 10, 2003

Hardware Requirements

Processor:

HP PA-RISC

Notes:

PHSS_15593 X/Motif2.1 Runtime SEP99 Cumulative Patch (or latest cumulative patch for this)
PHSS_21950 s700_800 11.X LIBCL patch, which requires PHSS_16931

Compatibility Notes

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

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ArcSDE 8.3 with HP HP-UX 11.0 PA-RISC on Oracle 9i (64 bit) 9.0.1.2.0

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Product: ArcSDE 8.3

Platform: HP

Operating System: HP-UX 11.0 PA-RISC

Service Pack(s)/Patch(es): PHSS_19593, PHSS_21950, PHSS_16931

Shipping/Release Date: February 10, 2003

DBMS: Oracle 9i (64 bit)

DBMS Version: 9.0.1.2.0

DBMS Certification Date: February 10, 2003

Hardware Requirements

Processor:

HP PA-RISC

Notes:

PHSS_15593 X/Motif2.1 Runtime SEP99 Cumulative Patch (or latest cumulative patch for this)
PHSS_21950 s700_800 11.X LIBCL patch, which requires PHSS_16931

Database Notes

Oracle Patch Support

Oracle 9.0.1.2.0 or higher 9.0.1 or 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

Found problems when using the admin command "cov2sde" while converting from Map Librarian and ArcStorm layers to ArcSDE. We are further investigating this issue, will update certification appropriately.

A bug in Oracle9i is causing UNION ALL to fail when using bind variables. The Oracle bug number is 2105414. The Oracle TAR submitted by ESRI for this bug is 1877212.995. Oracle has stated that the bug has been scheduled to be fixed in the Oracle 9.2 release. Oracle has suggested a work-around for the problem: setting the hidden initialization parameter `_push_join_union_view` to false. At Oracle 9i, the default for this parameter is true. It is suggested that this be set in the initialization file so that the change takes effect for the entire database: `_push_join_union_view=false` After making this change to the initialization file, you will have to restart Oracle in order for the change to take effect. ESRI is in the process of testing this work-around. As of this writing, the work-around remedies the related ORA-00600 errors. ESRI is investigating any side effects the changing of this feature may cause. If there are any side effects of implementing this change, this document will be updated.

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 dependent 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 8.3 with HP HP-UX 11.0 PA-RISC on Oracle 9i (64 bit) 9.2.0.3.0

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Product: ArcSDE 8.3

Platform: HP

Operating System: HP-UX 11.0 PA-RISC

Service Pack(s)/Patch(es): PHSS_19593, PHSS_21950, PHSS_16931

Shipping/Release Date: February 10, 2003

DBMS: Oracle 9i (64 bit)

DBMS Version: 9.2.0.3.0

DBMS Certification Date: February 10, 2003

Hardware Requirements

Processor:

HP PA-RISC

Notes:

PHSS_15593 X/Motif2.1 Runtime SEP99 Cumulative Patch (or latest cumulative patch for this)
PHSS_21950 s700_800 11.X LIBCL patch, which requires PHSS_16931

Database Notes

Oracle Patch Support

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

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

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ArcSDE 8.3 with HP HP-UX 11i (11.11) PA-RISC on INFORMIX Dynamic Server 9.40.HC3

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Product: ArcSDE 8.3

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: February 10, 2003

DBMS: INFORMIX Dynamic Server

DBMS Version: 9.40.HC3

DBMS Certification Date: February 10, 2003

Hardware Requirements

Processor:

HP PA-RISC

Notes:

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

Client SDK 2.81 HC2

Spatial Datablade 8.20.HC1

Compatibility Notes

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Best Performance Configuration

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ArcSDE 8.3 with HP HP-UX 11i (11.11) PA-RISC on Oracle 9i (64 bit) 9.0.1.2.0

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Product: ArcSDE 8.3

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: February 10, 2003

DBMS: Oracle 9i (64 bit)

DBMS Version: 9.0.1.2.0

DBMS Certification Date: February 10, 2003

Hardware Requirements

Processor:

HP PA-RISC

Notes:

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

Oracle Patch Support

Oracle 9.0.1.2.0 or higher 9.0.1 or 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

A bug in Oracle9i is causing UNION ALL to fail when using bind variables. The Oracle bug number is 2105414. The Oracle TAR submitted by ESRI for this bug is 1877212.995. Oracle has stated that the bug has been scheduled to be fixed in the Oracle 9.2 release. Oracle has suggested a work-around for the problem: setting the hidden initialization parameter `_push_join_union_view` to false. At Oracle 9i, the default for this parameter is true. It is suggested that this be set in the initialization file so that the change takes effect for the entire database: `_push_join_union_view=false` After making this change to the initialization file, you will have to restart Oracle in order for the change to take effect. ESRI is in the process of testing this work-around. As of this writing, the work-around remedies the

related ORA-00600 errors. ESRI is investigating any side effects the changing of this feature may cause. If there are any side effects of implementing this change, this document will be updated.

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

Compatibility Notes

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ArcSDE 8.3 with HP HP-UX 11i (11.11) PA-RISC on Oracle 9i (64 bit) 9.2.0.3.0

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Product: ArcSDE 8.3

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: February 10, 2003

DBMS: Oracle 9i (64 bit)

DBMS Version: 9.2.0.3.0

DBMS Certification Date: February 10, 2003

Hardware Requirements

Processor:

HP PA-RISC

Notes:

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

Oracle Patch Support

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

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number is 2105414. The Oracle TAR submitted by ESRI for this bug is 1877212.995. Oracle has stated that the bug has been scheduled to be fixed in the Oracle 9.2 release. Oracle has suggested a work-around for the problem: setting the hidden initialization parameter `_push_join_union_view` to false. At Oracle 9i, the default for this parameter is true. It is suggested that this be set in the initialization file so that the change takes effect for the entire database: `_push_join_union_view=false` After making this change to the initialization file, you will have to restart Oracle in order for the change to take effect. ESRI is in the process of testing this work-around. As of this writing, the work-around remedies the related ORA-00600 errors. ESRI is investigating any side effects the changing of this feature may cause. If there are any side effects of implementing this change, this document will be updated.

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ArcSDE 8.3 with HP Tru64 UNIX 5.0 on Oracle 8i (64 bit) 8.1.6.0.0

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[Hardware Requirements](#)

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Product: ArcSDE 8.3

Platform: HP

Operating System: Tru64 UNIX 5.0

Shipping/Release Date: February 10, 2003

DBMS: Oracle 8i (64 bit)

DBMS Version: 8.1.6.0.0

DBMS Certification Date: February 10, 2003

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

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ArcSDE 8.3 with HP Tru64 UNIX 5.1a on Oracle 8i (64 bit) 8.1.7.0.0

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[Hardware Requirements](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: HP

Operating System: Tru64 UNIX 5.1a

Shipping/Release Date: February 10, 2003

DBMS: Oracle 8i (64 bit)

DBMS Version: 8.1.7.0.0

DBMS Certification Date: February 10, 2003

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 dependent 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 8.3 with HP Tru64 UNIX 5.1a on Oracle 9i (64 bit) 9.0.1.2.0

Quick Links

[Hardware Requirements](#)

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: HP

Operating System: Tru64 UNIX 5.1a

Shipping/Release Date: February 10, 2003

DBMS: Oracle 9i (64 bit)

DBMS Version: 9.0.1.2.0

DBMS Certification Date: February 10, 2003

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

Oracle Patch Support

Oracle 9.0.1.2.0 or higher 9.0.1 or 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

A bug in Oracle9i is causing UNION ALL to fail when using bind variables. The Oracle bug number is 2105414. The Oracle TAR submitted by ESRI for this bug is 1877212.995. Oracle has stated that the bug has been scheduled to be fixed in the Oracle 9.2 release. Oracle has suggested a work-around for the problem: setting the hidden initialization parameter `_push_join_union_view` to false. At Oracle 9i, the default for this parameter is true. It is suggested that this be set in the initialization file so that the change takes effect for the entire database: `_push_join_union_view=false` After making this change to the initialization file, you will have to restart Oracle in order for the change to take effect. ESRI is in the process of testing this work-around. As of this writing, the work-around remedies the

related ORA-00600 errors. ESRI is investigating any side effects the changing of this feature may cause. If there are any side effects of implementing this change, this document will be updated.

Compatibility Notes

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

Best Performance Configuration

ArcSDE is dependent 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 8.3 with HP Tru64 UNIX 5.1a on Oracle 9i (64 bit) 9.2.0.3.0

Quick Links

[Hardware Requirements](#)

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: HP

Operating System: Tru64 UNIX 5.1a

Shipping/Release Date: February 10, 2003

DBMS: Oracle 9i (64 bit)

DBMS Version: 9.2.0.3.0

DBMS Certification Date: February 10, 2003

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

Oracle Patch Support

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

A bug in Oracle9i is causing UNION ALL to fail when using bind variables. The Oracle bug number is 2105414. The Oracle TAR submitted by ESRI for this bug is 1877212.995. Oracle has stated that the bug has been scheduled to be fixed in the Oracle 9.2 release. Oracle has suggested a work-around for the problem: setting the hidden initialization parameter `_push_join_union_view` to false. At Oracle 9i, the default for this parameter is true. It is suggested that this be set in the initialization file so that the change takes effect for the entire database: `_push_join_union_view=false` After making this change to the initialization file, you will have to restart Oracle in order for the change to take effect. ESRI is in the process of testing this work-around. As of this writing, the work-around remedies the related ORA-00600 errors. ESRI is investigating any side effects the changing of this feature

may cause. If there are any side effects of implementing this change, this document will be updated.

Compatibility Notes

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Best Performance Configuration

ArcSDE is dependent 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 8.3 with IBM AIX 4.3.3.0 on IBM DB2 Universal Database 7.2 (UDB 32-bit) ESE Fixpak 4

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: IBM

Operating System: AIX 4.3.3.0

Shipping/Release Date: February 10, 2003

DBMS: IBM DB2 Universal Database 7.2 (UDB 32-bit)

DBMS Version: ESE Fixpak 4

DBMS Certification Date: February 10, 2003

Database Notes

Enterprise Edition of DB2

FixPak 11 (FP11) is supported but untested.

Compatibility Notes

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

Best Performance Configuration

ArcSDE is dependent 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 8.3 with IBM AIX 4.3.3.0 on IBM DB2 Universal Database 7.2 (UDB 32-bit) ESE Fixpak 5

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: IBM

Operating System: AIX 4.3.3.0

Shipping/Release Date: February 10, 2003

DBMS: IBM DB2 Universal Database 7.2 (UDB 32-bit)

DBMS Version: ESE Fixpak 5

DBMS Certification Date: February 10, 2003

Database Notes

Enterprise Edition of DB2

FixPack 11 (FP11) is supported but untested.

Compatibility Notes

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

Best Performance Configuration

ArcSDE is dependent 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

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ArcSDE 8.3 with IBM AIX 4.3.3.0 on IBM DB2 Universal Database 7.2 (UDB 32-bit) ESE Fixpak 8

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: IBM

Operating System: AIX 4.3.3.0

Shipping/Release Date: February 10, 2003

DBMS: IBM DB2 Universal Database 7.2 (UDB 32-bit)

DBMS Version: ESE Fixpak 8

DBMS Certification Date: February 10, 2003

Database Notes

Enterprise Edition of DB2

FixPack 11 (FP11) is supported but untested.

Compatibility Notes

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

Best Performance Configuration

ArcSDE is dependent 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 8.3 with IBM AIX 4.3.3.0 on IBM DB2 Universal Database 7.2 (UDB 32-bit) ESE Fixpak 9

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: IBM

Operating System: AIX 4.3.3.0

Shipping/Release Date: February 10, 2003

DBMS: IBM DB2 Universal Database 7.2 (UDB 32-bit)

DBMS Version: ESE Fixpak 9

DBMS Certification Date: February 10, 2003

Database Notes

Enterprise Edition of DB2

FixPack 11 (FP11) is supported but untested.

Compatibility Notes

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

Best Performance Configuration

ArcSDE is dependent 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 8.3 with IBM AIX 4.3.3.0 on INFORMIX Dynamic Server 9.30.UC1

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: IBM

Operating System: AIX 4.3.3.0

Shipping/Release Date: February 10, 2003

DBMS: INFORMIX Dynamic Server

DBMS Version: 9.30.UC1

DBMS Certification Date: February 10, 2003

Database Notes

Requires:

Informix Spatial Datablade 8.11.UC1

Informix ClientSDK 2.7.UC1

Compatibility Notes

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

Best Performance Configuration

ArcSDE is dependent 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 8.3 with IBM AIX 4.3.3.0 on Oracle 8i (32 bit) Oracle 8.1.7.0.0

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: IBM

Operating System: AIX 4.3.3.0

Shipping/Release Date: February 10, 2003

DBMS: Oracle 8i (32 bit)

DBMS Version: Oracle 8.1.7.0.0

Database Notes

Note ESRI provides the IBM Version 6.1.0.0 Fortran Run-Time Environment (RTE) libraries with ArcInfo 8.3. For further details on IBM software's Version 6.1.0.0 Fortran RTE, refer to Chapter 2, 'Setting up and customizing the ArcInfo environment', in the ArcInfo Workstation System Administrator's Guide.

Compatibility Notes

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

Best Performance Configuration

ArcSDE is dependent 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 8.3 with IBM AIX 4.3.3.0 on Oracle 9i (64 bit) 9.0.1.2.0

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: IBM

Operating System: AIX 4.3.3.0

Shipping/Release Date: February 10, 2003

DBMS: Oracle 9i (64 bit)

DBMS Version: 9.0.1.2.0

DBMS Certification Date: February 10, 2003

Database Notes

Oracle Patch Support

Oracle 9.0.1.2.0 or higher 9.0.1 or 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

A bug in Oracle9i(9.0.x NOT 9.2.x) is causing UNION ALL to fail when using bind variables. The Oracle bug number is 2105414. The Oracle TAR submitted by ESRI for this bug is 1877212.995. Oracle has stated that the bug has been scheduled to be fixed in the Oracle 9.2 release. Oracle has suggested a work-around for the problem: setting the hidden initialization parameter `_push_join_union_view` to false. At Oracle 9i, the default for this parameter is true. It is suggested that this be set in the initialization file so that the change takes effect for the entire database: `_push_join_union_view=false` After making this change to the initialization file, you will have to restart Oracle in order for the change to take effect. ESRI is in the process of testing this work-around. As of this writing, the work-around remedies the related ORA-00600 errors. ESRI is investigating any side effects the changing of this feature may cause. If there are any side effects of implementing this change, this document will be updated.

Note ESRI provides the IBM Version 6.1.0.0 Fortran Run-Time Environment (RTE) libraries with ArcInfo 8.3. For further details on IBM software's Version 6.1.0.0 Fortran RTE, refer to

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Compatibility Notes

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ArcSDE 8.3 with IBM AIX 4.3.3.0 on Oracle 9i (64 bit) 9.2.0.1.0

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: IBM

Operating System: AIX 4.3.3.0

Shipping/Release Date: February 10, 2003

DBMS: Oracle 9i (64 bit)

DBMS Version: 9.2.0.1.0

DBMS Certification Date: February 10, 2003

Database Notes

Oracle Patch Support

Oracle 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

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Best Performance Configuration

ArcSDE is dependent 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 8.3 with IBM AIX 5.1.0.0 on IBM DB2 Universal Database 7.2 (UDB 32-bit) ESE Fixpak 5

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: IBM

Operating System: AIX 5.1.0.0

Shipping/Release Date: February 10, 2003

DBMS: IBM DB2 Universal Database 7.2 (UDB 32-bit)

DBMS Version: ESE Fixpak 5

DBMS Certification Date: February 10, 2003

Database Notes

Enterprise Edition of DB2

FixPack 11 (FP11) is supported but untested.

Compatibility Notes

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

Best Performance Configuration

ArcSDE is dependent 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 8.3 with IBM AIX 5.1.0.0 on IBM DB2 Universal Database 7.2 (UDB 32-bit) ESE Fixpak 8

Quick Links

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

Product: ArcSDE 8.3

Platform: IBM

Operating System: AIX 5.1.0.0

Shipping/Release Date: February 10, 2003

DBMS: IBM DB2 Universal Database 7.2 (UDB 32-bit)

DBMS Version: ESE Fixpak 8

DBMS Certification Date: February 10, 2003

Database Notes

Enterprise Edition of DB2

FixPack 11 (FP11) is supported but untested.

Compatibility Notes

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

Best Performance Configuration

ArcSDE is dependent 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 8.3 with IBM AIX 5.1.0.0 on IBM DB2 Universal Database 7.2 (UDB 32-bit) ESE Fixpak 9

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: IBM

Operating System: AIX 5.1.0.0

Shipping/Release Date: February 10, 2003

DBMS: IBM DB2 Universal Database 7.2 (UDB 32-bit)

DBMS Version: ESE Fixpak 9

DBMS Certification Date: February 10, 2003

Database Notes

Enterprise Edition of DB2

FixPack 11 (FP11) is supported but untested.

Compatibility Notes

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Best Performance Configuration

ArcSDE is dependent 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

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ArcSDE 8.3 with IBM AIX 5.1.0.0 on IBM DB2 Universal Database 8.1 (UDB 32-bit) ESE Fixpak 3

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: IBM

Operating System: AIX 5.1.0.0

Shipping/Release Date: February 10, 2003

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

DBMS Version: ESE Fixpak 3

DBMS Certification Date: February 10, 2003

Database Notes

Important note: This certification **requires** a script (a ddl script) from IBM in order for ArcSDE 8.3 to be compatible with DB2 8.1 Fixpak 3. Refer to the following KB article for further details:

<http://support.esri.com/index.cfm?fa=knowledgebase.techarticles.articleShow&d=25931>

Also requires IBM Spatial Extender Version 8.1 FP3.

Compatibility Notes

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

Best Performance Configuration

ArcSDE is dependent 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 8.3 with IBM AIX 5.1.0.0 on IBM DB2 Universal Database 8.1 (UDB 32-bit) ESE FixPak 5

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: IBM

Operating System: AIX 5.1.0.0

Shipping/Release Date: February 10, 2003

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

DBMS Version: ESE FixPak 5

DBMS Certification Date: February 10, 2003

Database Notes

Important note: This certification *requires* a script (a ddl script) from IBM in order for ArcSDE 8.3 to be compatible with DB2 8.1 Fixpak 4. Refer to the following KB article for further details:

<http://support.esri.com/index.cfm?fa=knowledgebase.techarticles.articleShow&d=25931>

Also requires 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 dependent 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 8.3 with IBM AIX 5.1.0.0 on INFORMIX Dynamic Server 9.40.UC3

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: IBM

Operating System: AIX 5.1.0.0

Shipping/Release Date: February 10, 2003

DBMS: INFORMIX Dynamic Server

DBMS Version: 9.40.UC3

DBMS Certification Date: February 10, 2003

Database Notes

Certified for IDS 9.40UC3 Enterprise Edition Only.

Requires: Spatial Datablade 8.20.UC1

ClientSDK 2.81.UC2

Compatibility Notes

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

Best Performance Configuration

ArcSDE is dependent 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 8.3 with IBM AIX 5.1.0.0 on Oracle 8i (32 bit) Oracle 8.1.7.0.0

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: IBM

Operating System: AIX 5.1.0.0

Shipping/Release Date: February 10, 2003

DBMS: Oracle 8i (32 bit)

DBMS Version: Oracle 8.1.7.0.0

DBMS Certification Date: February 10, 2003

Database Notes

Note ESRI provides the IBM Version 6.1.0.0 Fortran Run-Time Environment (RTE) libraries with ArcInfo 8.3. For further details on IBM software's Version 6.1.0.0 Fortran RTE, refer to Chapter 2, 'Setting up and customizing the ArcInfo environment', in the ArcInfo Workstation System Administrator's Guide.

Compatibility Notes

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

Best Performance Configuration

ArcSDE is dependent 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 8.3 with IBM AIX 5.1.0.0 on Oracle 9i (64 bit) 9.2.0.3.0

Quick Links

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

Product: ArcSDE 8.3

Platform: IBM

Operating System: AIX 5.1.0.0

Shipping/Release Date: February 10, 2003

DBMS: Oracle 9i (64 bit)

DBMS Version: 9.2.0.3.0

DBMS Certification Date: February 10, 2003

Database Notes

Oracle Patch Support

Oracle 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.

This version of ArcSDE requires a special installation CD that is not part of the standard ArcSDE 8.3 CD set. Please contact ESRI Customer Service to obtain this CD (Part Number 94798) for ArcSDE 8.3, AIX 5.1 and Oracle 9.2.0.3 64-bit.

Compatibility Notes

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

Best Performance Configuration

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

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ArcSDE 8.3 with IBM AIX 5.2.0.0 on IBM DB2 Universal Database 8.1 (UDB 32-bit) ESE Fixpak 4a

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: IBM

Operating System: AIX 5.2.0.0

Shipping/Release Date: February 10, 2003

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

DBMS Version: ESE Fixpak 4a

DBMS Certification Date: February 10, 2003

Database Notes

Important note: This certification *requires* a script (a ddl script) from IBM in order for ArcSDE 8.3 to be compatible with DB2 8.1 Fixpak 4. Refer to the following KB article for further details:

<http://support.esri.com/index.cfm?fa=knowledgebase.techarticles.articleShow&d=25931>

Also requires 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 dependent 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 8.3 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 8.3

Platform: IBM

Operating System: AIX 5.2.0.0

Shipping/Release Date: February 10, 2003

DBMS: Oracle 9i (64 bit)

DBMS Version: 9.2.0.3.0

DBMS Certification Date: February 10, 2003

Database Notes

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

This version of ArcSDE requires a special installation CD that is not part of the standard ArcSDE 8.3 CD set. Please contact ESRI Customer Service to obtain this CD (Part Number 94798) for ArcSDE 8.3, AIX 5.1 and Oracle 9.2.0.3 64-bit.

Compatibility Notes

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

Best Performance Configuration

ArcSDE is dependent 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 8.3 with Linux-Intel RedHat Linux Advanced Server 2.1 on Oracle 9i (32 bit) 9.0.1.2.0/9.2.0.1.0

Quick Links

[Hardware Requirements](#)

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: Linux-Intel

Operating System: RedHat Linux Advanced Server 2.1

Shipping/Release Date: February 10, 2003

DBMS: Oracle 9i (32 bit)

DBMS Version: 9.0.1.2.0/9.2.0.1.0

Hardware Requirements

Architecture:

x86 architecture (32-bit)

Database Notes

Oracle Patch Support

Oracle 9.0.1.2.0 or higher 9.0.1 or 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

9.0.1.2.0 NOTE:

A bug in Oracle9i is causing UNION ALL to fail when using bind variables. The Oracle bug number is 2105414. The Oracle TAR submitted by ESRI for this bug is 1877212.995. Oracle has stated that the bug has been scheduled to be fixed in the Oracle 9.2 release. Oracle has suggested a work-around for the problem: setting the hidden initialization parameter `_push_join_union_view` to false. At Oracle 9i, the default for this parameter is true. It is suggested that this be set in the initialization file so that the change takes effect for the entire database: `_push_join_union_view=false` After making this change to the initialization file, you will have to restart Oracle in order for the change to take effect. ESRI is in the process of testing this work-around. As of this writing, the work-around remedies the related ORA-00600 errors. ESRI is investigating any side effects the changing of this feature may cause. If there are any side effects of implementing this change, this document will be updated.

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 dependent 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 8.3 with Linux-Intel RedHat Linux Advanced Server 2.1 on Oracle 9i (32 bit) 9.2.0.3.0

Quick Links

[Hardware Requirements](#)

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: Linux-Intel

Operating System: RedHat Linux Advanced Server 2.1

Shipping/Release Date: February 10, 2003

DBMS: Oracle 9i (32 bit)

DBMS Version: 9.2.0.3.0

DBMS Certification Date: February 10, 2003

Hardware Requirements

Architecture:

x86 architecture (32-bit)

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 dependent 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 8.3 with Linux-Intel RedHat Linux 7.1 on Oracle 9i (32 bit)

9.0.1.2.0

Quick Links

[Hardware Requirements](#)

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: Linux-Intel

Operating System: RedHat Linux 7.1

Shipping/Release Date: February 10, 2003

DBMS: Oracle 9i (32 bit)

DBMS Version: 9.0.1.2.0

DBMS Certification Date: February 10, 2003

Hardware Requirements

Architecture:

x86 architecture (32-bit)

Database Notes

Oracle Patch Support

Oracle 9.0.1.2.0 or higher 9.0.1 or 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

A bug in Oracle9i is causing UNION ALL to fail when using bind variables. The Oracle bug number is 2105414. The Oracle TAR submitted by ESRI for this bug is 1877212.995. Oracle

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Compatibility Notes

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ArcSDE is dependent 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 8.3 with Linux-Intel RedHat Linux 7.1 on Oracle 9i (32 bit) 9.2.0.3.0

Quick Links

[Hardware Requirements](#)

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: Linux-Intel

Operating System: RedHat Linux 7.1

Shipping/Release Date: February 10, 2003

DBMS: Oracle 9i (32 bit)

DBMS Version: 9.2.0.3.0

DBMS Certification Date: February 10, 2003

Hardware Requirements

Architecture:

x86 architecture (32-bit)

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

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ArcSDE 8.3 with PC-Intel Windows 2000 Datacenter on Microsoft SQL Server 2000 SP3 or SP3a

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: PC-Intel

Operating System: Windows 2000 Datacenter

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

Shipping/Release Date: February 10, 2003

DBMS: Microsoft SQL Server

DBMS Version: 2000 SP3 or SP3a

DBMS Certification Date: February 10, 2003

Database Notes

Versions Supported - Desktop Engine, Standard, Enterprise

Microsoft SQL Server Service Pack 3 is supported only with [ArcSDE 8.3 for SQL Server Patch](#).

Compatibility Notes

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

Best Performance Configuration

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ArcSDE 8.3 with PC-Intel Windows 2000 Datacenter on Microsoft SQL Server 7

Quick Links

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: PC-Intel

Operating System: Windows 2000 Datacenter

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

Shipping/Release Date: February 10, 2003

DBMS: Microsoft SQL Server

DBMS Version: 7

DBMS Certification Date: February 10, 2003

Compatibility Notes

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

Best Performance Configuration

ArcSDE is dependent 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 8.3 with PC-Intel Windows 2000 Datacenter on Oracle 8i (32 bit) 8.1.7.0.0

Quick Links

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: PC-Intel

Operating System: Windows 2000 Datacenter

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

Shipping/Release Date: February 10, 2003

DBMS: Oracle 8i (32 bit)

DBMS Version: 8.1.7.0.0

DBMS Certification Date: February 10, 2003

Compatibility Notes

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

Best Performance Configuration

ArcSDE is dependent 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 8.3 with PC-Intel Windows 2000 Datacenter on Oracle 9i (32 bit) 9.0.1.2.0

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: PC-Intel

Operating System: Windows 2000 Datacenter

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

Shipping/Release Date: February 10, 2003

DBMS: Oracle 9i (32 bit)

DBMS Version: 9.0.1.2.0

DBMS Certification Date: February 10, 2003

Database Notes

A bug in Oracle9i is causing UNION ALL to fail when using bind variables. The Oracle bug number is 2105414. The Oracle TAR submitted by ESRI for this bug is 1877212.995. Oracle has stated that the bug has been scheduled to be fixed in the Oracle 9.2 release. Oracle has suggested a work-around for the problem: setting the hidden initialization parameter `_push_join_union_view` to false. At Oracle 9i, the default for this parameter is true. It is suggested that this be set in the initialization file so that the change takes effect for the entire database: `_push_join_union_view=false` After making this change to the initialization file, you will have to restart Oracle in order for the change to take effect. ESRI is in the process of testing this work-around. As of this writing, the work-around remedies the related ORA-00600 errors. ESRI is investigating any side effects the changing of this feature may cause. If there are any side effects of implementing this change, this document will be updated.

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

Oracle Patch Support

Oracle 9.0.1.2.0 or higher 9.0.1 or 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

Compatibility Notes

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ArcSDE is dependent 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 8.3 with PC-Intel Windows 2000 Datacenter on Oracle 9i (32 bit) 9.2.0.3.0

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: PC-Intel

Operating System: Windows 2000 Datacenter

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

Shipping/Release Date: February 10, 2003

DBMS: Oracle 9i (32 bit)

DBMS Version: 9.2.0.3.0

DBMS Certification Date: February 10, 2003

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

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Best Performance Configuration

ArcSDE is dependent 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 8.3 with PC-Intel Windows 2000 Server and Advanced Server on IBM DB2 Universal Database 7.2 (UDB 32-bit) ESE Fixpak 4

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: PC-Intel

Operating System: Windows 2000 Server and Advanced Server

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

Shipping/Release Date: February 10, 2003

DBMS: IBM DB2 Universal Database 7.2 (UDB 32-bit)

DBMS Version: ESE Fixpak 4

DBMS Certification Date: February 10, 2003

Database Notes

FixPack 6 (FP6) has not been tested. FixPack 7 (FP7) is Not Supported.

FixPack 11 (FP11) is supported but untested.

Compatibility Notes

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

Best Performance Configuration

ArcSDE is dependent 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 8.3 with PC-Intel Windows 2000 Server and Advanced Server on IBM DB2 Universal Database 7.2 (UDB 32-bit) ESE Fixpak 5

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: PC-Intel

Operating System: Windows 2000 Server and Advanced Server

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

Shipping/Release Date: February 10, 2003

DBMS: IBM DB2 Universal Database 7.2 (UDB 32-bit)

DBMS Version: ESE Fixpak 5

DBMS Certification Date: February 10, 2003

Database Notes

FixPack 6 (FP6) has not been tested. FixPack 7 (FP7) is Not Supported.

FixPack 11 (FP11) is supported but untested.

Compatibility Notes

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

Best Performance Configuration

ArcSDE is dependent 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 8.3 with PC-Intel Windows 2000 Server and Advanced Server on IBM DB2 Universal Database 7.2 (UDB 32-bit) ESE Fixpak 8

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: PC-Intel

Operating System: Windows 2000 Server and Advanced Server

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

Shipping/Release Date: February 10, 2003

DBMS: IBM DB2 Universal Database 7.2 (UDB 32-bit)

DBMS Version: ESE Fixpak 8

DBMS Certification Date: February 10, 2003

Database Notes

FixPack 6 (FP6) has not been tested. FixPack 7 (FP7) is Not Supported.

FixPack 11 (FP11) is supported but untested.

Compatibility Notes

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

Best Performance Configuration

ArcSDE is dependent 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 8.3 with PC-Intel Windows 2000 Server and Advanced Server on IBM DB2 Universal Database 7.2 (UDB 32-bit) ESE Fixpak 9

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

Best Configuration

Product: ArcSDE 8.3

Platform: PC-Intel

Operating System: Windows 2000 Server and Advanced Server

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

Shipping/Release Date: February 10, 2003

DBMS: IBM DB2 Universal Database 7.2 (UDB 32-bit)

DBMS Version: ESE Fixpak 9

DBMS Certification Date: February 10, 2003

Database Notes

FixPack 6 (FP6) has not been tested. FixPack 7 (FP7) is Not Supported.

FixPack 11 (FP11) is supported but untested.

Compatibility Notes

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

Best Performance Configuration

ArcSDE is dependent 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 8.3 with PC-Intel Windows 2000 Server and Advanced Server on IBM DB2 Universal Database 8.1 (UDB 32-bit) ESE Fixpak 3

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: PC-Intel

Operating System: Windows 2000 Server and Advanced Server

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

Shipping/Release Date: February 10, 2003

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

DBMS Version: ESE Fixpak 3

DBMS Certification Date: February 10, 2003

Database Notes

Important note: This certification **requires** a script (a ddl script) from IBM in order for ArcSDE 8.3 to be compatible with DB2 8.1 Fixpak 3. Refer to the following KB article for

further details:

<http://support.esri.com/index.cfm?fa=knowledgebase.techarticles.articleShow&d=25931>

Compatibility Notes

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

Best Performance Configuration

ArcSDE is dependent 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 8.3 with PC-Intel Windows 2000 Server and Advanced Server on INFORMIX Dynamic Server 9.30.TC1

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: PC-Intel

Operating System: Windows 2000 Server and Advanced Server

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

Shipping/Release Date: February 10, 2003

DBMS: INFORMIX Dynamic Server

DBMS Version: 9.30.TC1

DBMS Certification Date: February 10, 2003

Database Notes

Requires:

Informix Spatial Datblade 8.11.TC1

Informix ClientSDK 2.7.TC1

Compatibility Notes

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

Best Performance Configuration

ArcSDE is dependent 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 8.3 with PC-Intel Windows 2000 Server and Advanced Server on INFORMIX Dynamic Server 9.40.TC3

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: PC-Intel

Operating System: Windows 2000 Server and Advanced Server

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

Shipping/Release Date: February 10, 2003

DBMS: INFORMIX Dynamic Server

DBMS Version: 9.40.TC3

DBMS Certification Date: February 10, 2003

Database Notes

Certified for IDS 9.40UC3 Enterprise Edition Only.

Requires:

spatial Datablade 8.20.TC1

ClientSDK 2.81.TC2

Compatibility Notes

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

Best Performance Configuration

ArcSDE is dependent 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 8.3 with PC-Intel Windows 2000 Server and Advanced Server on Microsoft SQL Server 2000 SP3 or SP3a

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: PC-Intel

Operating System: Windows 2000 Server and Advanced Server

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

Shipping/Release Date: February 10, 2003

DBMS: Microsoft SQL Server

DBMS Version: 2000 SP3 or SP3a

DBMS Certification Date: February 10, 2003

Database Notes

Versions Supported - Desktop Engine, Standard, Enterprise

Microsoft SQL Server Service Pack 3 is supported only with [ArcSDE 8.3 for SQL Server Patch](#).

Compatibility Notes

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

Best Performance Configuration

ArcSDE is dependent 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 8.3 with PC-Intel Windows 2000 Server and Advanced Server on Microsoft SQL Server 7

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: PC-Intel

Operating System: Windows 2000 Server and Advanced Server

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

Shipping/Release Date: February 10, 2003

DBMS: Microsoft SQL Server

DBMS Version: 7

DBMS Certification Date: February 10, 2003

Database Notes

Microsoft SQL Server Versions Supported - MSDE, Standard, Enterprise

Compatibility Notes

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

Best Performance Configuration

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

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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 8.3 with PC-Intel Windows 2000 Server and Advanced Server on Oracle 8i (32 bit) 8.1.7.0.0

Quick Links

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: PC-Intel

Operating System: Windows 2000 Server and Advanced Server

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

Shipping/Release Date: February 10, 2003

DBMS: Oracle 8i (32 bit)

DBMS Version: 8.1.7.0.0

DBMS Certification Date: February 10, 2003

Compatibility Notes

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

Best Performance Configuration

ArcSDE is dependent 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 8.3 with PC-Intel Windows 2000 Server and Advanced Server on Oracle 9i (32 bit) 9.0.1.2.0

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: PC-Intel

Operating System: Windows 2000 Server and Advanced Server

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

Shipping/Release Date: February 10, 2003

DBMS: Oracle 9i (32 bit)

DBMS Version: 9.0.1.2.0

DBMS Certification Date: February 10, 2003

Database Notes

A bug in Oracle9i is causing UNION ALL to fail when using bind variables. The Oracle bug number is 2105414. The Oracle TAR submitted by ESRI for this bug is 1877212.995. Oracle has stated that the bug has been scheduled to be fixed in the Oracle 9.2 release. Oracle has suggested a work-around for the problem: setting the hidden initialization parameter `_push_join_union_view` to false. At Oracle 9i, the default for this parameter is true. It is suggested that this be set in the initialization file so that the change takes effect for the entire database: `_push_join_union_view=false` After making this change to the initialization file, you will have to restart Oracle in order for the change to take effect. ESRI is in the process of testing this work-around. As of this writing, the work-around remedies the related ORA-00600 errors. ESRI is investigating any side effects the changing of this feature may cause. If there are any side effects of implementing this change, this document will be updated.

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

Oracle Patch Support

Oracle 9.0.1.2.0 or higher 9.0.1 or 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 dependent 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 8.3 with PC-Intel Windows 2000 Server and Advanced Server on Orade 9i (32 bit) 9.2.0.3.0

Quick Links

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

Product: ArcSDE 8.3

Platform: PC-Intel

Operating System: Windows 2000 Server and Advanced Server

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

Shipping/Release Date: February 10, 2003

DBMS: Oracle 9i (32 bit)

DBMS Version: 9.2.0.3.0

DBMS Certification Date: February 10, 2003

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 dependent 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 8.3 with PC-Intel Windows 2003 Server Standard, Enterprise and Datacenter on IBM DB2 Universal Database 7.2 (UDB 32-bit) ESE Fixpak 9

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: PC-Intel

Operating System: Windows 2003 Server Standard, Enterprise and Datacenter

Shipping/Release Date: February 10, 2003

DBMS: IBM DB2 Universal Database 7.2 (UDB 32-bit)

DBMS Version: ESE Fixpak 9

DBMS Certification Date: February 10, 2003

Database Notes

FixPack 11 (FP11) is supported but untested.

License Manager:

Not Supported on this platform.

Compatibility Notes

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

Best Performance Configuration

ArcSDE is dependent 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 8.3 with PC-Intel Windows 2003 Server Standard, Enterprise and Datacenter on IBM DB2 Universal Database 8.1 (UDB 32-bit) ESE Fixpak 4a

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: PC-Intel

Operating System: Windows 2003 Server Standard, Enterprise and Datacenter

Shipping/Release Date: February 10, 2003

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

DBMS Version: ESE Fixpak 4a

DBMS Certification Date: February 10, 2003

Database Notes

Important note: This certification *requires* a script (a ddl script) from IBM in order for ArcSDE 8.3 to be compatible with DB2 8.1 Fixpak 4. Refer to the following KB article for further details:

<http://support.esri.com/index.cfm?fa=knowledgebase.techarticles.articleShow&d=25931>

Also requires IBM Spatial Extender Version 8.1 FP4a.

License Manager:

Not Supported on this platform.

Compatibility Notes

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

Best Performance Configuration

ArcSDE is dependent 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 8.3 with PC-Intel Windows 2003 Server Standard, Enterprise and Datacenter on IBM DB2 Universal Database 8.1 (UDB 32-bit) ESE FixPak 5

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: PC-Intel

Operating System: Windows 2003 Server Standard, Enterprise and Datacenter

Shipping/Release Date: February 10, 2003

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

DBMS Version: ESE FixPak 5

DBMS Certification Date: February 10, 2003

Database Notes

Important note: This certification **requires** a script (a ddl script) from IBM in order for ArcSDE 8.3 to be compatible with DB2 8.1 Fixpak 5. Refer to the following KB article for further details:

<http://support.esri.com/index.cfm?fa=knowledgebase.techarticles.articleShow&d=25931>

Also requires IBM Spatial Extender Version 8.1 FP5.

License Manager:

Not Supported on this platform.

Compatibility Notes

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

Best Performance Configuration

ArcSDE is dependent 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 8.3 with PC-Intel Windows 2003 Server Standard, Enterprise and Datacenter on Microsoft SQL Server 2000 SP3 or SP3a

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: PC-Intel

Operating System: Windows 2003 Server Standard, Enterprise and Datacenter

Shipping/Release Date: February 10, 2003

DBMS: Microsoft SQL Server

DBMS Version: 2000 SP3 or SP3a

DBMS Certification Date: February 10, 2003

Database Notes

Versions Supported - Desktop Engine, Standard, Enterprise

Microsoft SQL Server Service Pack 3 is supported with [ArcSDE 8.3 for SQL Server Patch](#).

License Manager:

Not Supported on this platform.

Compatibility Notes

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

Best Performance Configuration

ArcSDE is dependent 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 8.3 with PC-Intel Windows 2003 Server Standard, Enterprise and Datacenter on Oracle 9i (32 bit) 9.2.0.3.0

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: PC-Intel

Operating System: Windows 2003 Server Standard, Enterprise and Datacenter

Shipping/Release Date: February 10, 2003

DBMS: Oracle 9i (32 bit)

DBMS Version: 9.2.0.3.0

DBMS Certification Date: February 10, 2003

Database Notes

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

License Manager:

Not Supported on this platform.

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 dependent 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 8.3 with PC-Intel Windows NT Server 4.0 on Microsoft SQL Server 2000 SP3 or SP3a

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: PC-Intel

Operating System: Windows NT Server 4.0

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

Shipping/Release Date: February 10, 2003

DBMS: Microsoft SQL Server

DBMS Version: 2000 SP3 or SP3a

DBMS Certification Date: February 10, 2003

Database Notes

Versions Supported - Desktop Engine, Standard, Enterprise

Microsoft SQL Server Service Pack 3 is supported only with [ArcSDE 8.3 for SQL Server Patch](#).

Compatibility Notes

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

Best Performance Configuration

ArcSDE is dependent 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 8.3 with PC-Intel Windows NT Server 4.0 on Microsoft SQL Server 7

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: PC-Intel

Operating System: Windows NT Server 4.0

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

Shipping/Release Date: February 10, 2003

DBMS: Microsoft SQL Server

DBMS Version: 7

DBMS Certification Date: February 10, 2003

Database Notes

Versions Certified - MSDE, Standard, Enterprise

Compatibility Notes

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

Best Performance Configuration

ArcSDE is dependent 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 8.3 with PC-Intel Windows NT Server 4.0 on Oracle 8i (32 bit) 8.1.7.0.0

Quick Links

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: PC-Intel

Operating System: Windows NT Server 4.0

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

Shipping/Release Date: February 10, 2003

DBMS: Oracle 8i (32 bit)

DBMS Version: 8.1.7.0.0

DBMS Certification Date: February 10, 2003

Compatibility Notes

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

Best Performance Configuration

ArcSDE is dependent 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 8.3 with PC-Intel Windows NT Server 4.0 on Oracle 9i (32 bit) 9.0.1.2.0

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: PC-Intel

Operating System: Windows NT Server 4.0

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

Shipping/Release Date: February 10, 2003

DBMS: Oracle 9i (32 bit)

DBMS Version: 9.0.1.2.0

DBMS Certification Date: February 10, 2003

Database Notes

A bug in Oracle9i is causing UNION ALL to fail when using bind variables. The Oracle bug number is 2105414. The Oracle TAR submitted by ESRI for this bug is 1877212.995. Oracle has stated that the bug has been scheduled to be fixed in the Oracle 9.2 release. Oracle has suggested a work-around for the problem: setting the hidden initialization parameter `_push_join_union_view` to false. At Oracle 9i, the default for this parameter is true. It is suggested that this be set in the initialization file so that the change takes effect for the entire database: `_push_join_union_view=false` After making this change to the initialization file, you will have to restart Oracle in order for the change to take effect. ESRI is in the process of testing this work-around. As of this writing, the work-around remedies the related ORA-00600 errors. ESRI is investigating any side effects the changing of this feature may cause. If there are any side effects of implementing this change, this document will be updated.

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

Oracle Patch Support

Oracle 9.0.1.2.0 or higher 9.0.1 or 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 dependent 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

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ArcSDE 8.3 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 8.3

Platform: PC-Intel

Operating System: Windows NT Server 4.0

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

Shipping/Release Date: February 10, 2003

DBMS: Oracle 9i (32 bit)

DBMS Version: 9.2.0.3.0

DBMS Certification Date: February 10, 2003

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 dependent 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 8.3 with SGI IRIX 6.5.6 on Oracle 8i (64 bit) 8.1.6

Quick Links

[Hardware Requirements](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: SGI

Operating System: IRIX 6.5.6

Shipping/Release Date: February 10, 2003

DBMS: Oracle 8i (64 bit)

DBMS Version: 8.1.6

DBMS Certification Date: February 10, 2003

Hardware Requirements

Window System:

Motif

Compatibility Notes

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

Best Performance Configuration

ArcSDE is dependent 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 8.3 with Sun Solaris 7 (SPARC) on Oracle 8i (32 bit) 8.1.7.0.0

Quick Links

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: Sun

Operating System: Solaris 7 (SPARC)

Shipping/Release Date: February 10, 2003

DBMS: Oracle 8i (32 bit)

DBMS Version: 8.1.7.0.0

DBMS Certification Date: February 10, 2003

Compatibility Notes

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

Best Performance Configuration

ArcSDE is dependent 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

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ArcSDE 8.3 with Sun Solaris 7 (SPARC) on Oracle 9i (32 bit) 9.0.1.2.0

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: Sun

Operating System: Solaris 7 (SPARC)

Shipping/Release Date: February 10, 2003

DBMS: Oracle 9i (32 bit)

DBMS Version: 9.0.1.2.0

DBMS Certification Date: February 10, 2003

Database Notes

Oracle Patch Support

Oracle 9.0.1.2.0 or higher 9.0.1 or 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

A bug in Oracle9i is causing UNION ALL to fail when using bind variables. The Oracle bug number is 2105414. The Oracle TAR submitted by ESRI for this bug is 1877212.995. Oracle has stated that the bug has been scheduled to be fixed in the Oracle 9.2 release. Oracle has suggested a work-around for the problem: setting the hidden initialization parameter `_push_join_union_view` to false. At Oracle 9i, the default for this parameter is true. It is suggested that this be set in the initialization file so that the change takes effect for the entire database: `_push_join_union_view=false` After making this change to the initialization file, you will have to restart Oracle in order for the change to take effect. ESRI is in the process of testing this work-around. As of this writing, the work-around remedies the related ORA-00600 errors. ESRI is investigating any side effects the changing of this feature may cause. If there are any side effects of implementing this change, this document will be updated.

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 dependent 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 8.3 with Sun Solaris 7 (SPARC) on Oracle 9i (32 bit) 9.2.0.3.0

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: Sun

Operating System: Solaris 7 (SPARC)

Shipping/Release Date: February 10, 2003

DBMS: Oracle 9i (32 bit)

DBMS Version: 9.2.0.3.0

DBMS Certification Date: February 10, 2003

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 dependent 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

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ArcSDE 8.3 with Sun Solaris 8 (SPARC) on INFORMIX Dynamic Server 9.30.UC1

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: Sun

Operating System: Solaris 8 (SPARC)

Shipping/Release Date: February 10, 2003

DBMS: INFORMIX Dynamic Server

DBMS Version: 9.30.UC1

DBMS Certification Date: February 10, 2003

Database Notes

Requires:

Informix Spatial Datablade 8.11.UC1

Informix ClientSDK 2.7.UC1

Compatibility Notes

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

Best Performance Configuration

ArcSDE is dependent 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 8.3 with Sun Solaris 8 (SPARC) on INFORMIX Dynamic Server 9.40.UC3

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: Sun

Operating System: Solaris 8 (SPARC)

Shipping/Release Date: February 10, 2003

DBMS: INFORMIX Dynamic Server

DBMS Version: 9.40.UC3

DBMS Certification Date: February 10, 2003

Database Notes

Certified for IDS 9.40UC3 Enterprise Edition Only.

Requires: Client SDK 2.81.UC2

Spatial Datablade 8.20.UC1

Compatibility Notes

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

Best Performance Configuration

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

Quick Links

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: Sun

Operating System: Solaris 8 (SPARC)

Shipping/Release Date: February 10, 2003

DBMS: Oracle 8i (32 bit)

DBMS Version: 8.1.7.0.0

DBMS Certification Date: February 10, 2003

Compatibility Notes

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

Best Performance Configuration

ArcSDE is dependent 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 8.3 with Sun Solaris 8 (SPARC) on Oracle 9i (32 bit) 9.0.1.2.0

Quick Links

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: Sun

Operating System: Solaris 8 (SPARC)

Shipping/Release Date: February 10, 2003

DBMS: Oracle 9i (32 bit)

DBMS Version: 9.0.1.2.0

DBMS Certification Date: February 10, 2003

Database Notes

Oracle Patch Support

Oracle 9.0.1.2.0 or higher 9.0.1 or 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

A bug in Oracle9i is causing UNION ALL to fail when using bind variables. The Oracle bug number is 2105414. The Oracle TAR submitted by ESRI for this bug is 1877212.995. Oracle has stated that the bug has been scheduled to be fixed in the Oracle 9.2 release. Oracle has suggested a work-around for the problem: setting the hidden initialization parameter `_push_join_union_view` to false. At Oracle 9i, the default for this parameter is true. It is suggested that this be set in the initialization file so that the change takes effect for the entire database: `_push_join_union_view=false` After making this change to the initialization file, you will have to restart Oracle in order for the change to take effect. ESRI is in the process of testing this work-around. As of this writing, the work-around remedies the related ORA-00600 errors. ESRI is investigating any side effects the changing of this feature may cause. If there are any side effects of implementing this change, this document will be updated.

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

Compatibility Notes

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Best Performance Configuration

ArcSDE is dependent 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 8.3 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 8.3

Platform: Sun

Operating System: Solaris 8 (SPARC)

Shipping/Release Date: February 10, 2003

DBMS: Oracle 9i (32 bit)

DBMS Version: 9.2.0.3.0

DBMS Certification Date: February 10, 2003

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 dependent 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 8.3 with Sun Solaris 8 (SPARC) on Oracle 9i (64 bit) 9.0.1.2.0

Quick Links

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

Product: ArcSDE 8.3

Platform: Sun

Operating System: Solaris 8 (SPARC)

Shipping/Release Date: February 10, 2003

DBMS: Oracle 9i (64 bit)

DBMS Version: 9.0.1.2.0

DBMS Certification Date: February 10, 2003

Database Notes

Oracle Patch Support

Oracle 9.0.1.2.0 or higher 9.0.1 or 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

A bug in Oracle9i is causing UNION ALL to fail when using bind variables. The Oracle bug number is 2105414. The Oracle TAR submitted by ESRI for this bug is 1877212.995. Oracle has stated that the bug has been scheduled to be fixed in the Oracle 9.2 release. Oracle has suggested a work-around for the problem: setting the hidden initialization parameter `_push_join_union_view` to false. At Oracle 9i, the default for this parameter is true. It is suggested that this be set in the initialization file so that the change takes effect for the entire database: `_push_join_union_view=false` After making this change to the initialization file, you will have to restart Oracle in order for the change to take effect. ESRI is in the process of testing this work-around. As of this writing, the work-around remedies the related ORA-00600 errors. ESRI is investigating any side effects the changing of this feature may cause. If there are any side effects of implementing this change, this document will be updated.

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 dependent 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 8.3 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 8.3

Platform: Sun

Operating System: Solaris 8 (SPARC)

Shipping/Release Date: February 10, 2003

DBMS: Oracle 9i (64 bit)

DBMS Version: 9.2.0.3.0

DBMS Certification Date: February 10, 2003

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 dependent 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 8.3 with Sun Solaris 9 (SPARC) on Oracle 8i (32 bit) 8.1.6

Quick Links

[Hardware Requirements](#)

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: Sun

Operating System: Solaris 9 (SPARC)

Shipping/Release Date: February 10, 2003

DBMS: Oracle 8i (32 bit)

DBMS Version: 8.1.6

DBMS Certification Date: February 10, 2003

Hardware Requirements

CPU Speed:

1.0 GHz recommended or higher

Database Notes

Oracle 8.1.6 has been desupported by Oracle.

Compatibility Notes

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

Best Performance Configuration

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ArcSDE 8.3 with Sun Solaris 9 (SPARC) on Oracle 8i (32 bit) 8.1.6/8.1.7

Quick Links

[Hardware Requirements](#)

[Compatibility Notes](#)

Best Configuration

Product: ArcSDE 8.3

Platform: Sun

Operating System: Solaris 9 (SPARC)

Shipping/Release Date: February 10, 2003

DBMS: Oracle 8i (32 bit)

DBMS Version: 8.1.6/8.1.7

DBMS Certification Date: February 10, 2003

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 dependent 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 8.3 with Sun Solaris 9 (SPARC) on Oracle 9i (32 bit) 9.0.1.2.0

Quick Links

[Hardware Requirements](#)

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: Sun

Operating System: Solaris 9 (SPARC)

Shipping/Release Date: February 10, 2003

DBMS: Oracle 9i (32 bit)

DBMS Version: 9.0.1.2.0

DBMS Certification Date: February 10, 2003

Hardware Requirements

CPU Speed:

1.0 GHz recommended or higher

Database Notes

Oracle Patch Support

Oracle 9.0.1.2.0 or higher 9.0.1 or 9.2 patch set level as per Oracle Corporation's Patch Set

Overview documentation.

A bug in Oracle9i is causing UNION ALL to fail when using bind variables. The Oracle bug number is 2105414. The Oracle TAR submitted by ESRI for this bug is 1877212.995. Oracle has stated that the bug has been scheduled to be fixed in the Oracle 9.2 release. Oracle has suggested a work-around for the problem: setting the hidden initialization parameter `_push_join_union_view` to false. At Oracle 9i, the default for this parameter is true. It is suggested that this be set in the initialization file so that the change takes effect for the entire database: `_push_join_union_view=false` After making this change to the initialization file, you will have to restart Oracle in order for the change to take effect. ESRI is in the process of testing this work-around. As of this writing, the work-around remedies the related ORA-00600 errors. ESRI is investigating any side effects the changing of this feature may cause. If there are any side effects of implementing this change, this document will be updated.

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

Compatibility Notes

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Best Performance Configuration

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ArcSDE 8.3 with Sun Solaris 9 (SPARC) on Oracle 9i (32 bit) 9.2.0.3

Quick Links

[Hardware Requirements](#)

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: Sun

Operating System: Solaris 9 (SPARC)

Shipping/Release Date: February 10, 2003

DBMS: Oracle 9i (32 bit)

DBMS Version: 9.2.0.3

DBMS Certification Date: February 10, 2003

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

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Best Performance Configuration

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ArcSDE 8.3 with Sun Solaris 9 (SPARC) on Oracle 9i (64 bit) 9.0.1.2.0

Quick Links

[Hardware Requirements](#)

[Database Notes](#)

[Compatibility Notes](#)

[Best Configuration](#)

Product: ArcSDE 8.3

Platform: Sun

Operating System: Solaris 9 (SPARC)

Shipping/Release Date: February 10, 2003

DBMS: Oracle 9i (64 bit)

DBMS Version: 9.0.1.2.0

DBMS Certification Date: February 10, 2003

Hardware Requirements

CPU Speed:

1.0 GHz recommended or higher

Database Notes

Oracle Patch Support

Oracle 9.0.1.2.0 or higher 9.0.1 or 9.2 patch set level as per Oracle Corporation's Patch Set Overview documentation.

A bug in Oracle9i is causing UNION ALL to fail when using bind variables. The Oracle bug number is 2105414. The Oracle TAR submitted by ESRI for this bug is 1877212.995. Oracle has stated that the bug has been scheduled to be fixed in the Oracle 9.2 release. Oracle has suggested a work-around for the problem: setting the hidden initialization parameter `_push_join_union_view` to false. At Oracle 9i, the default for this parameter is true. It is suggested that this be set in the initialization file so that the change takes effect for the entire database: `_push_join_union_view=false` After making this change to the initialization file, you will have to restart Oracle in order for the change to take effect. ESRI is in the process of testing this work-around. As of this writing, the work-around remedies the related ORA-00600 errors. ESRI is investigating any side effects the changing of this feature may cause. If there are any side effects of implementing this change, this document will be updated.

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ArcSDE 8.3 with Sun Solaris 9 (SPARC) on Oracle 9i (64 bit) 9.2.0.3.0

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[Hardware Requirements](#)

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[Best Configuration](#)

Product: ArcSDE 8.3

Platform: Sun

Operating System: Solaris 9 (SPARC)

Shipping/Release Date: February 10, 2003

DBMS: Oracle 9i (64 bit)

DBMS Version: 9.2.0.3.0

DBMS Certification Date: February 10, 2003

Hardware Requirements

CPU Speed:

1.0 GHz recommended or higher

Database Notes

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

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