ArcSDE 8.0.2 System Requirements

This PDF contains system requirements information, including hardware requirements, best performance configurations, and limitations, for ArcSDE 8.0.2.

- **Compaq/Digital Tru 64 UNIX V4.0d**
  - Oracle 8 (64 bit) 8.0.4.3.0
  - Oracle 8 (64 bit) 8.0.6
  - Oracle 8 (64 bit) Enterprise Server 8.0.4.3.0
  - Oracle 8i (64 bit) 8.1.5.0.0
  - Oracle 8i (64 bit) 8.1.6.0.0
  - Oracle 8i (64 bit) 8.1.7.0.0

- **Compaq/Digital Tru 64 UNIX V4.0f**
  - Oracle 8 (64 bit) 8.0.4.3
  - Oracle 8 (64 bit) 8.0.6
  - Oracle 8i (64 bit) 8.1.5.0.0
  - Oracle 8i (64 bit) 8.1.6.0.0
  - Oracle 8i (64 bit) 8.1.7

- **Compaq/Digital Tru 64 UNIX 5.0**
  - Oracle 8 (64 bit) 8.0.4.3
  - Oracle 8 (64 bit) 8.0.6
  - Oracle 8i (64 bit) 8.1.5
  - Oracle 8i (64 bit) 8.1.6
  - Oracle 8i (64 bit) 8.1.7

- **HP HP-UX 11.0 (700 series, 8x7 series)**
  - Oracle 8 (64 bit) 8.0.4.3
  - Oracle 8 (64 bit) 8.0.6
  - Oracle 8i (32 bit) 8.1.5.0.0
  - Oracle 8i (32 bit) 8.1.6.0.0
  - Oracle 8i (32 bit) 8.1.7

- **IBM AIX 4.3.2.0**
  - Oracle 8 (64 bit) 8.0.4.3.1
  - Oracle 8 (64 bit) 8.0.6
  - Oracle Enterprise Server 8.0.4.3.0
  - Oracle 8i (32 bit) 8.1.5.0.0
  - Oracle 8i (32 bit) 8.1.6.0.0
  - Oracle 8i (32 bit) 8.1.7.0.0

- **IBM AIX 4.3.3.0**
  - Oracle 8.0.4.3
  - Oracle 8.0.6
  - Oracle 8i (32 bit) 8.1.5.0.0
• Oracle 8i (32 bit) 8.1.6.0.0
• Oracle 8i (32 bit) 8.1.7

• PC-Intel Intel Windows 2000 Professional
  • Oracle 8i (32 bit) 8.1.6.0.0
  • Oracle 8i (32 bit) 8.1.7.0.0

• PC-Intel Windows NT 4.0
  • Microsoft SQL Server 7.0
  • Oracle 8.0.4.3.8a
  • Oracle 8.0.6
  • Oracle 8i (32 bit) 8.1.5.0.0
  • Oracle 8i (32 bit) 8.1.6.0.0
  • Oracle 8i (32 bit) 8.1.7

• SGI IRIX 6.5.6
  • Oracle 8.0.4.3.0
  • Oracle 8.0.6

• Sun Solaris 6 (SPARC)
  • Oracle 8.0.4.3.0
  • Oracle 8.0.6
  • Oracle Enterprise Server 8.0.4.3.0
  • Oracle 8i (32 bit) 8.1.5.0.0
  • Oracle 8i (32 bit) 8.1.6.0.0
  • Oracle 8i (32 bit) 8.1.7.0.0

• Sun Solaris 7 (SPARC)
  • Oracle 8.0.4.3.0
  • Oracle 8.0.6
  • Oracle Enterprise Server 8.0.4.3.0
  • Oracle 8i (32 bit) 8.1.5.0.0
  • Oracle 8i (32 bit) 8.1.6.0.0
  • Oracle 8i (32 bit) 8.1.7

• Sun Solaris 8 (SPARC)
  • Oracle 8.0.6
  • Oracle 8i (32 bit) 8.1.5.0.0
  • Oracle 8i (32 bit) 8.1.6.0.0
  • Oracle 8i (32 bit) 8.1.7
ArcSDE 8.0.2 with Compaq/Digital Tru64 UNIX V4.0d on Oracle 8 (64 bit)
8.0.4.3.0

Quick Links

Hardware Requirements
Database Notes

Product: ArcSDE 8.0.2

Platform: Compaq/Digital

Operating System: Tru64 UNIX V4.0d

Shipping/Release Date: March 1, 2000

DBMS: Oracle 8 (64 bit)

DBMS Version: 8.0.4.3.0

DBMS Certification Date: March 1, 2000

Hardware Requirements

Memory/RAM:
64 MB - based on a single user

Swap Space:
200 MB Minimum - based on a single user

Window System:
Motif or CDE

Disk Space:
280 MB for all of ArcInfo and its modules
At the moment there are a number of issues dealing with ORACLE 8x's default set up. A number of problems arise when importing ORACLE 7.x databases to ORACLE 8.x. Very often the newly imported databases are converted to a European character set (the problem exists with Asian character sets as well). If this is the case, connectivity and performance may be compromised. Databases created within ORACLE 8.x appear to work fine with ArcInfo 7.x.

The problem is often a result of one the following:

1) This error may occur if an invalid value for NLS_LANG has been specified.
2) This error can occur if the NLS_LANG variable is specified correctly, but the environment variable ORA_NLS32 has not been set.
3) This error may also occur if the NLS_LANG is specified correctly, but the environment variable ORA_NLS32 does not refer to the proper NLS boot files.

The fix for this character set problem is as follows:

On Unix -
As the Oracle account -

1) If you have a copy of the Oracle 7.3.3 NLS loadable datafiles then copy them over to a local directory. These files reside in the Oracle 7.3.3 home under the /ocommon/nls/admin/data directory.

2) Create an Environment variable called ORA_NLS32 and point it to that directory. You can also set this variable in your $SDEHOME/etc/dbinit.sde file.

For example if the Oracle7 NLS data is contained under the following directory on a machine named Tanka.

/tanka2/ora_nls/data

A valid directory setting for ORA_NLS32 is as follows -

For the C shell:
% setenv ORA_NLS32 /tank2/ora_nls/data

For the Bourne or Korn shell:

$ ORA_NLS32=/tank2/ora_nls/data
$ export ORA_NLS32

For further details on this issue, users are asked to contact their ORACLE representative.

ArcSDE 8.0.2 with Compaq/Digital Tru64 UNIX V4.0d on Oracle 8 (64 bit)
8.0.6

Quick Links

Hardware Requirements

Product: ArcSDE 8.0.2

Platform: Compaq/Digital

Operating System: Tru64 UNIX V4.0d

Shipping/Release Date: March 1, 2000

DBMS: Oracle 8 (64 bit)

DBMS Version: 8.0.6

DBMS Certification Date: March 1, 2000

Hardware Requirements

Memory/RAM:

64 MB - based on a single user
Swap Space:
200 MB Minimum - based on a single user

Window System:
Motif or CDE

Disk Space:
280 MB for all of ArcInfo and its modules

ArcSDE 8.0.2 with Compaq/Digital Tru64 UNIX V4.0d on Oracle 8 (64 bit)
Enterprise Server 8.0.4.3.0

Quick Links

Hardware Requirements

Product: ArcSDE 8.0.2

Platform: Compaq/Digital

Operating System: Tru64 UNIX V4.0d

Shipping/Release Date: March 1, 2000

DBMS: Oracle 8 (64 bit)

DBMS Version: Enterprise Server 8.0.4.3.0

DBMS Certification Date: March 1, 2000

Hardware Requirements

Memory/RAM:
64 MB - based on a single user

Swap Space:
200 MB Minimum - based on a single user
Window System:
Motif or CDE

Disk Space:
280 MB for all of ArcInfo and its modules

**ArcSDE 8.0.2 with Compaq/Digital Tru64 UNIX V4.0d on Oracle 8i (64 bit)**
**8.1.5.0.0**

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**Quick Links**

- Hardware Requirements
- Database Notes

**Product:** ArcSDE 8.0.2

**Platform:** Compaq/Digital

**Operating System:** Tru64 UNIX V4.0d

**Shipping/Release Date:** March 1, 2000

**DBMS:** Oracle 8i (64 bit)

**DBMS Version:** 8.1.5.0.0

**DBMS Certification Date:** March 1, 2000

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**Hardware Requirements**

**Memory/RAM:**
64 MB - based on a single user

**Swap Space:**
200 MB Minimum - based on a single user

**Window System:**
Motif or CDE

**Disk Space:**
280 MB for all of ArcInfo and its modules

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**Database Notes**

At the moment there are a number of issues dealing with ORACLE 8x's default set up. A number of problems arise when importing ORACLE 7.x databases to ORACLE 8.x. Very often the newly imported databases are converted to a European character set (the problem exists with Asian character sets as well). If this is the case, connectivity and performance may be compromised. Databases created within ORACLE 8.x appear to work fine with ArcInfo 7.x.

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The fix for this character set problem is as follows:

**On Unix**

As the Oracle account -

1) If you have a copy of the Oracle 7.3.3 NLS loadable datafiles then copy them over to a local directory. These files reside in the Oracle 7.3.3 home under the /ocommon/nls/admin/data directory.

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For example if the Oracle7 NLS data is contained under the following directory on a machine named Tanka.

/tanka2/ora_nls/data
A valid directory setting for ORA_NLS32 is as follows -

For the C shell:

% setenv ORA_NLS32 /tanka2/ora_nls/data

For the Bourne or Korn shell:

$ ORA_NLS32=/tanka2/ora_nls/data
$ export ORA_NLS32

For further details on this issue, users are asked to contact their ORACLE representative.

**ArcSDE 8.0.2 with Compaq/Digital Tru64 UNIX V4.0d on Oracle 8i (64 bit) 8.1.6.0.0**

**Quick Links**

- **Hardware Requirements**
- **Product**: ArcSDE 8.0.2
- **Platform**: Compaq/Digital
- **Operating System**: Tru64 UNIX V4.0d
- **Shipping/Release Date**: March 1, 2000
- **DBMS**: Oracle 8i (64 bit)
- **DBMS Version**: 8.1.6.0.0
Hardware Requirements

Memory/RAM:
64 MB - based on a single user

Swap Space:
200 MB Minimum - based on a single user

Window System:
Motif or CDE

Disk Space:
280 MB for all of ArcInfo and its modules

**ArcSDE 8.0.2 with Compaq/Digital Tru64 UNIX V4.0d on Oracle 8i (64 bit) 8.1.6.0.0**

Quick Links

- **Product**: ArcSDE 8.0.2
- **Platform**: Compaq/Digital
- **Operating System**: Tru64 UNIX V4.0d
- **Shipping/Release Date**: March 1, 2000
- **DBMS**: Oracle 8i (64 bit)
- **DBMS Version**: 8.1.6.0.0
Hardware Requirements

Memory/RAM:
64 MB - based on a single user

Swap Space:
200 MB Minimum - based on a single user

Window System:
Motif or CDE

Disk Space:
280 MB for all of ArcInfo and its modules

ArcSDE 8.0.2 with Compaq/Digital Tru64 UNIX V4.0d on Oracle 8i (64 bit) 8.1.7.0.0

Quick Links

Hardware Requirements
Database Notes

Product: ArcSDE 8.0.2

Platform: Compaq/Digital

Operating System: Tru64 UNIX V4.0d

Shipping/Release Date: March 1, 2000

DBMS: Oracle 8i (64 bit)

DBMS Version: 8.1.7.0.0
Hardware Requirements

Memory/RAM:
64 MB - based on a single user

Swap Space:
200 MB Minimum - based on a single user

Window System:
Motif or CDE

Disk Space:
280 MB for all of ArcInfo and its modules

Database Notes
Oracle Spatial Geometry Type Not Supported

ArcSDE 8.0.2 with Compaq/Digital Tru64 UNIX V4.0f on Oracle 8 (64 bit) 8.0.4.3

Quick Links

Hardware Requirements

Product: ArcSDE 8.0.2

Platform: Compaq/Digital

Operating System: Tru64 UNIX V4.0f

Shipping/Release Date: March 1, 2000

DBMS: Oracle 8 (64 bit)
Hardware Requirements

Memory/RAM:
64 MB - based on a single user

Swap Space:
200 MB Minimum - based on a single user

Window System:
Motif or CDE

Disk Space:
280 MB for all of ArcInfo and its modules

ArcSDE 8.0.2 with Compaq/Digital Tru64 UNIX V4.0f on Oracle 8 (64 bit) 8.0.6

Quick Links

Product: ArcSDE 8.0.2

Platform: Compaq/Digital

Operating System: Tru64 UNIX V4.0f

Shipping/Release Date: March 1, 2000

DBMS: Oracle 8 (64 bit)

DBMS Version: 8.0.6
Hardware Requirements

Memory/RAM:
64 MB - based on a single user

Swap Space:
200 MB Minimum - based on a single user

Window System:
Motif or CDE

Disk Space:
280 MB for all of ArcInfo and its modules

ArcSDE 8.0.2 with Compaq/Digital Tru64 UNIX V4.0f on Oracle 8i (64 bit) 8.1.5.0.0

Quick Links

Hardware Requirements

Product: ArcSDE 8.0.2

Platform: Compaq/Digital

Operating System: Tru64 UNIX V4.0f

Shipping/Release Date: March 1, 2000

DBMS: Oracle 8i (64 bit)

DBMS Version: 8.1.5.0.0
Hardware Requirements

Memory/RAM:

64 MB - based on a single user

Swap Space:

200 MB Minimum - based on a single user

Window System:

Motif or CDE

Disk Space:

280 MB for all of ArcInfo and its modules

ArcSDE 8.0.2 with Compaq/Digital Tru64 UNIX V4.0f on Oracle 8i (64 bit)

8.1.6.0.0

Quick Links

Hardware Requirements

Product: ArcSDE 8.0.2

Platform: Compaq/Digital

Operating System: Tru64 UNIX V4.0f

Shipping/Release Date: March 1, 2000

DBMS: Oracle 8i (64 bit)

DBMS Version: 8.1.6.0.0
Hardware Requirements

Memory/RAM:
64 MB - based on a single user

Swap Space:
200 MB Minimum - based on a single user

Window System:
Motif or CDE

Disk Space:
280 MB for all of ArcInfo and its modules

ArcSDE 8.0.2 with Compaq/Digital Tru64 UNIX V4.0f on Oracle 8i (64 bit) 8.1.7

Quick Links

Hardware Requirements
Database Notes

Product: ArcSDE 8.0.2

Platform: Compaq/Digital

Operating System: Tru64 UNIX V4.0f

Shipping/Release Date: March 1, 2000

DBMS: Oracle 8i (64 bit)

DBMS Version: 8.1.7
Hardware Requirements
Memory/RAM:
64 MB - based on a single user

Swap Space:
200 MB Minimum - based on a single user

Window System:
Motif or CDE

Disk Space:
280 MB for all of ArcInfo and its modules

Database Notes
Oracle Spatial Geometry Type Not Supported

ArcSDE 8.0.2 with Compaq/Digital Tru64 UNIX V5.0 on Oracle 8 (64 bit)
8.0.4.3

Quick Links

Hardware Requirements

Product: ArcSDE 8.0.2

Platform: Compaq/Digital

Operating System: Tru64 UNIX V5.0

Shipping/Release Date: March 1, 2000

DBMS: Oracle 8 (64 bit)
**Hardware Requirements**

**Memory/RAM:**
64 MB - based on a single user

**Swap Space:**
200 MB Minimum - based on a single user

**Window System:**
Motif or CDE

**Disk Space:**
280 MB for all of ArcInfo and its modules

**Notes:**
We will not go back and certify this version of the OS, but that does not mean that it will not work with ArcInfo.

**ArcSDE 8.0.2 with Compaq/Digital Tru64 UNIX V5.0 on Oracle 8 (64 bit) 8.0.6**

**Quick Links**

- [Hardware Requirements](#)
  
  **Product:** ArcSDE 8.0.2
  
  **Platform:** Compaq/Digital
  
  **Operating System:** Tru64 UNIX V5.0

**Shipping/Release Date:** March 1, 2000
**DBMS:** Oracle 8 (64 bit)

**DBMS Version:** 8.0.6

**DBMS Certification Date:** March 1, 2000

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**Hardware Requirements**

**Memory/RAM:**
64 MB - based on a single user

**Swap Space:**
200 MB Minimum - based on a single user

**Window System:**
Motif or CDE

**Disk Space:**
280 MB for all of ArcInfo and its modules

**Notes:**
We will not go back and certify this version of the OS, but that does not mean that it will not work with ArcInfo.

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**ArcSDE 8.0.2 with Compaq/Digital Tru64 UNIX V5.0 on Oracle 8i (64 bit) 8.1.5**

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**Quick Links**

- **Hardware Requirements**
  
  **Product:** ArcSDE 8.0.2

  **Platform:** Compaq/Digital

  **Operating System:** Tru64 UNIX V5.0
Shipping/Release Date: March 1, 2000

DBMS: Oracle 8i (64 bit)

DBMS Version: 8.1.5

DBMS Certification Date: March 1, 2000

Hardware Requirements

Memory/RAM:
64 MB - based on a single user

Swap Space:
200 MB Minimum - based on a single user

Window System:
Motif or CDE

Disk Space:
280 MB for all of ArcInfo and its modules

Notes:
We will not go back and certify this version of the OS, but that does not mean that it will not work with ArcInfo.

ArcSDE 8.0.2 with Compaq/Digital Tru64 UNIX V5.0 on Oracle 8i (64 bit) 8.1.6

Quick Links

Hardware Requirements

Product: ArcSDE 8.0.2

Platform: Compaq/Digital
Operating System: Tru64 UNIX V5.0

Shipping/Release Date: March 1, 2000

DBMS: Oracle 8i (64 bit)

DBMS Version: 8.1.6

DBMS Certification Date: March 1, 2000

Hardware Requirements

Memory/RAM:
64 MB - based on a single user

Swap Space:
200 MB Minimum - based on a single user

Window System:
Motif or CDE

Disk Space:
280 MB for all of ArcInfo and its modules

Notes:
We will not go back and certify this version of the OS, but that does not mean that it will not work with ArcInfo.

ArcSDE 8.0.2 with Compaq/Digital Tru64 UNIX V5.0 on Oracle 8i (64 bit) 8.1.7

Quick Links

Hardware Requirements
Database Notes

Product: ArcSDE 8.0.2
Platform: Compaq/Digital

Operating System: Tru64 UNIX V5.0

Shipping/Release Date: March 1, 2000

DBMS: Oracle 8i (64 bit)

DBMS Version: 8.1.7

DBMS Certification Date: March 1, 2000

Hardware Requirements

Memory/RAM:
64 MB - based on a single user

Swap Space:
200 MB Minimum - based on a single user

Window System:
Motif or CDE

Disk Space:
280 MB for all of ArcInfo and its modules

Notes:
We will not go back and certify this version of the OS, but that does not mean that it will not work with ArcInfo.

Database Notes

Oracle Spatial Geometry Type Not Supported

ArcSDE 8.0.2 with HP HP-UX 11.0 (700 series, 8x7 series) on Oracle 8.0.4.3.0

Quick Links
Hardware Requirements

Database Notes

Product: ArcSDE 8.0.2

Platform: HP

Operating System: HP-UX 11.0 (700 series, 8x7 series)

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

Shipping/Release Date: March 1, 2000

DBMS: Oracle

DBMS Version: 8.0.4.3.0

DBMS Certification Date: March 1, 2000

Hardware Requirements

Memory/RAM:
64 MB - based on single user

Swap Space:
200 MB Minimum - based on single user

Window System:
HP VUE, Motif or CDE

Disk Space:
241 MB for all of ArcInfo and its modules

Notes:
Please note that the requirement of the patches above were found post release of ArcInfo 8.0.2. They will alleviate problems with HPUX 11.X that were adversely affecting ArcInfo.
At the moment there are a number of issues dealing with ORACLE 8x's default set up. A number of problems arise when importing ORACLE 7.x databases to ORACLE 8.x. Very often the newly imported databases are converted to a European character set (the problem exists with Asian character sets as well). If this is the case, connectivity and performance may be compromised. Databases created within ORACLE 8.x appear to work fine with ArcInfo 7.x.

The problem is often a result of one the following:

1) This error may occur if an invalid value for NLS_LANG has been specified.
2) This error can occur if the NLS_LANG variable is specified correctly, but the environment variable ORA_NLS32 has not been set.
3) This error may also occur if the NLS_LANG is specified correctly, but the environment variable ORA_NLS32 does not refer to the proper NLS boot files.

The fix for this character set problem is as follows:

On Unix -
As the Oracle account -

1) If you have a copy of the Oracle 7.3.3 NLS loadable datafiles then copy them over to a local directory. These files reside in the Oracle 7.3.3 home under the /ocommon/nls/admin/data directory.

2) Create an Environment variable called ORA_NLS32 and point it to that directory. You can also set this variable in your $SDEHOME/etc/dbinit.sde file.

For example if the Oracle7 NLS data is contained under the following directory on a machine named Tanka.

/tanka2/ora_nls/data

A valid directory setting for ORA_NLS32 is as follows -

For the C shell:
% setenv ORA_NLS32 /tanka2/ora_nls/data

For the Bourne or Korn shell:

$ ORA_NLS32=/tanka2/ora_nls/data
$ export ORA_NLS32

For further details on this issue, users are asked to contact their ORACLE representative.

**ArcSDE 8.0.2 with HP HP-UX 11.0 (700 series, 8x7 series) on Oracle 8.0.6**

<table>
<thead>
<tr>
<th>Quick Links</th>
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</table>

- Hardware Requirements
- Database Notes

**Product:** ArcSDE 8.0.2

**Platform:** HP

**Operating System:** HP-UX 11.0 (700 series, 8x7 series)

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

**Shipping/Release Date:** March 1, 2000

**DBMS:** Oracle

**DBMS Version:** 8.0.6

**DBMS Certification Date:** March 1, 2000

**Hardware Requirements**
Memory/RAM:
64 MB - based on single user

Swap Space:
200 MB Minimum - based on single user

Window System:
HP VUE, Motif or CDE

Disk Space:
241 MB for all of ArcInfo and its modules

Notes:
Please note that the requirement of the patches above were found post release of ArcInfo 8.0.2. They will alleviate problems with HPUX 11.X that were adversely affecting ArcInfo.

Database Notes

ArcSDE 8.0.2 with HP HP-UX 11.0 (700 series, 8x7 series) on Oracle 8i (32 bit) 8.1.5.0.0

Quick Links

Hardware Requirements

Product: ArcSDE 8.0.2

Platform: HP

Operating System: HP-UX 11.0 (700 series, 8x7 series)

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

Shipping/Release Date: March 1, 2000

DBMS: Oracle 8i (32 bit)
Hardware Requirements

Memory/RAM:
64 MB - based on single user

Swap Space:
200 MB Minimum - based on single user

Window System:
HP VUE, Motif or CDE

Disk Space:
241 MB for all of ArcInfo and its modules

Notes:
Please note that the requirement of the patches above were found post release of ArcInfo 8.0.2. They will alleviate problems with HPUX 11.X that were adversely affecting ArcInfo.

ArcSDE 8.0.2 with HP HP-UX 11.0 (700 series, 8x7 series) on Oracle 8i (32 bit) 8.1.6.0.0

Quick Links

Hardware Requirements

Product: ArcSDE 8.0.2

Platform: HP

Operating System: HP-UX 11.0 (700 series, 8x7 series)

Service Pack(s)/Patch(es): PHSS_19593, PHSS_21950, PHSS_16931
Shipping/Release Date: March 1, 2000

DBMS: Oracle 8i (32 bit)

DBMS Version: 8.1.6.0.0

DBMS Certification Date: March 1, 2000

Hardware Requirements

Memory/RAM:
64 MB - based on single user

Swap Space:
200 MB Minimum - based on single user

Window System:
HP VUE, Motif or CDE

Disk Space:
241 MB for all of ArcInfo and its modules

Notes:
Please note that the requirement of the patches above were found post release of ArcInfo 8.0.2. They will alleviate problems with HPUX 11.X that were adversely affecting ArcInfo.

ArcSDE 8.0.2 with HP HP-UX 11.0 (700 series, 8x7 series) on Oracle 8i (32 bit) 8.1.7
**Operating System:** HP-UX 11.0 (700 series, 8x7 series)

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

**Shipping/Release Date:** March 1, 2000

**DBMS:** Oracle 8i (32 bit)

**DBMS Version:** 8.1.7

**DBMS Certification Date:** March 1, 2000

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**Hardware Requirements**

**Memory/RAM:**
64 MB - based on single user

**Swap Space:**
200 MB Minimum - based on single user

**Window System:**
HP VUE, Motif or CDE

**Disk Space:**
241 MB for all of ArcInfo and its modules

**Notes:**
Please note that the requirement of the patches above were found post release of ArcInfo 8.0.2. They will alleviate problems with HPUX 11.X that were adversely affecting ArcInfo.

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**Database Notes**

Oracle Spatial Geometry Type Not Supported

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**ArcSDE 8.0.2 with IBM AIX 4.3.2.0 on Oracle 8.0.4.3.1**
Hardware Requirements

Database Notes

Product: ArcSDE 8.0.2

Platform: IBM

Operating System: AIX 4.3.2.0

Shipping/Release Date: March 1, 2000

DBMS: Oracle

DBMS Version: 8.0.4.3.1

DBMS Certification Date: March 1, 2000

Hardware Requirements

Memory/RAM:
32 MB - based on a single user

Swap Space:
** 256 MB Minimum - based on a single user

Window System:
Motif, CDE or AIX Desktop

Disk Space:
360 MB for all of ArcInfo and its modules

Architecture:
RISC System/6000 - Power, Power2, Power2 Super Chip, PowerPC, Power3, SMP, SP

Compiler:
Fortran RTE: Provided by ESRI

Notes:
** For RAM configurations between 32 MB and 128 MB inclusively, may vary with installation. 2x the amount of RAM MB Minimum, for RAM configurations above 128 MB, up to and including 1024 MB. May vary with installation.

Database Notes

At the moment there are a number of issues dealing with ORACLE 8x's default set up. A number of problems arise when importing ORACLE 7.x databases to ORACLE 8.x. Very often the newly imported databases are converted to a European character set (the problem exists with Asian character sets as well). If this is the case, connectivity and performance may be compromised. Databases created within ORACLE 8.x appear to work fine with ArcInfo 7.x.

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1) This error may occur if an invalid value for NLS_LANG has been specified.
2) This error can occur if the NLS_LANG variable is specified correctly, but the environment variable ORA_NLS32 has not been set.
3) This error may also occur if the NLS_LANG is specified correctly, but the environment variable ORA_NLS32 does not refer to the proper NLS boot files.

The fix for this character set problem is as follows:

On Unix -
As the Oracle account -

1) If you have a copy of the Oracle 7.3.3 NLS loadable datafiles then copy them over to a local directory. These files reside in the Oracle 7.3.3 home under the /ocommon/nls/admin/data directory.

2) Create an Environment variable called ORA_NLS32 and point it to that directory. You can also set this variable in your $SDEHOME/etc/dbinit.sde file.

For example if the Oracle7 NLS data is contained under the following directory on a machine named Tanka.

/tanka2/ora_nls/data
A valid directory setting for ORA_NLS32 is as follows -

For the C shell:

% setenv ORA_NLS32 /tanka2/ora_nls/data

For the Bourne or Korn shell:

$ ORA_NLS32=/tanka2/ora_nls/data
$ export ORA_NLS32

For further details on this issue, users are asked to contact their ORACLE representative.

**ArcSDE 8.0.2 with IBM AIX 4.3.2.0 on Oracle 8.0.6**

**Quick Links**

[Hardware Requirements](#)
[Database Notes](#)

**Product:** ArcSDE 8.0.2

**Platform:** IBM

**Operating System:** AIX 4.3.2.0

**Shipping/Release Date:** March 1, 2000

**DBMS:** Oracle

**DBMS Version:** 8.0.6
**Hardware Requirements**

**Memory/RAM:**
32 MB - based on a single user

**Swap Space:**
** 256 MB Minimum - based on a single user

**Window System:**
Motif, CDE or AIX Desktop

**Disk Space:**
360 MB for all of ArcInfo and its modules

**Architecture:**
RISC System/6000 - Power, Power2, Power2 Super Chip, PowerPC, Power3, SMP, SP

**Compiler:**
Fortran RTE: Provided by ESRI

**Notes:**
** For RAM configurations between 32 MB and 128 MB inclusively, may vary with installation. 2x the amount of RAM MB Minimum, for RAM configurations above 128 MB, up to and including 1024 MB. May vary with installation.

**Database Notes**

**ArcSDE 8.0.2 with IBM AIX 4.3.2.0 on Oracle Enterprise Server 8.0.4.3.0**

**Quick Links**

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| Platform: IBM |
Operating System: AIX 4.3.2.0

Shipping/Release Date: March 1, 2000

DBMS: Oracle

DBMS Version: Enterprise Server 8.0.4.3.0

DBMS Certification Date: March 1, 2000

Hardware Requirements

Memory/RAM:
32 MB - based on a single user

Swap Space:
** 256 MB Minimum - based on a single user

Window System:
Motif, CDE or AIX Desktop

Disk Space:
360 MB for all of ArcInfo and its modules

Architecture:
RISC System/6000 - Power, Power2, Power2 Super Chip, PowerPC, Power3, SMP, SP

Compiler:
Fortran RTE: Provided by ESRI

Notes:
** For RAM configurations between 32 MB and 128 MB inclusively, may vary with installation. 2x the amount of RAM MB Minimum, for RAM configurations above 128 MB, up to and including 1024 MB. May vary with installation.

ArcSDE 8.0.2 with IBM AIX 4.3.2.0 on Oracle 8i (32 bit) 8.1.5.0.0

Quick Links
Hardware Requirements

Database Notes

Product: ArcSDE 8.0.2

Platform: IBM

Operating System: AIX 4.3.2.0

Shipping/Release Date: March 1, 2000

DBMS: Oracle 8i (32 bit)

DBMS Version: 8.1.5.0.0

DBMS Certification Date: March 1, 2000

Hardware Requirements

Memory/RAM:

32 MB - based on a single user

Swap Space:

** 256 MB Minimum - based on a single user

Window System:

Motif, CDE or AIX Desktop

Disk Space:

360 MB for all of ArcInfo and its modules

Architecture:

RISC System/6000 - Power, Power2, Power2 Super Chip, PowerPC, Power3, SMP, SP

Compiler:

Fortran RTE: Provided by ESRI

Notes:
** For RAM configurations between 32 MB and 128 MB inclusively, may vary with installation. 2x the amount of RAM MB Minimum, for RAM configurations above 128 MB, up to and including 1024 MB. May vary with installation.

Database Notes

At the moment there are a number of issues dealing with ORACLE 8x's default set up. A number of problems arise when importing ORACLE 7.x databases to ORACLE 8.x. Very often the newly imported databases are converted to a European character set (the problem exists with Asian character sets as well). If this is the case, connectivity and performance may be compromised. Databases created within ORACLE 8.x appear to work fine with ArcInfo 7.x.

The problem is often a result of one the following:

1) This error may occur if an invalid value for NLS_LANG has been specified.
2) This error can occur if the NLS_LANG variable is specified correctly, but the environment variable ORA_NLS32 has not been set.
3) This error may also occur if the NLS_LANG is specified correctly, but the environment variable ORA_NLS32 does not refer to the proper NLS boot files.

The fix for this character set problem is as follows:

On Unix -
As the Oracle account -

1) If you have a copy of the Oracle 7.3.3 NLS loadable datafiles then copy them over to a local directory. These files reside in the Oracle 7.3.3 home under the /ocommon/nls/admin/data directory.

2) Create an Environment variable called ORA_NLS32 and point it to that directory. You can also set this variable in your $SDEHOME/etc/dbinit.sde file.

For example if the Oracle7 NLS data is contained under the following directory on a machine named Tanka.

/tanka2/ora_nls/data
A valid directory setting for ORA_NLS32 is as follows -

For the C shell:

% setenv ORA_NLS32 /tanka2/ora_nls/data

For the Bourne or Korn shell:

$ ORA_NLS32=/tanka2/ora_nls/data
$ export ORA_NLS32

For further details on this issue, users are asked to contact their ORACLE representative.

ArcSDE 8.0.2 with IBM AIX 4.3.2.0 on Oracle 8i (32 bit) 8.1.6.0.0

Quick Links

**Hardware Requirements**

*Product:* ArcSDE 8.0.2

*Platform:* IBM

*Operating System:* AIX 4.3.2.0

*Shipping/Release Date:* March 1, 2000

*DBMS:* Oracle 8i (32 bit)

*DBMS Version:* 8.1.6.0.0

*DBMS Certification Date:* March 1, 2000
Hardware Requirements

Memory/RAM:
32 MB - based on a single user

Swap Space:
** 256 MB Minimum - based on a single user

Window System:
Motif, CDE or AIX Desktop

Disk Space:
360 MB for all of ArcInfo and its modules

Architecture:
RISC System/6000 - Power, Power2, Power2 Super Chip, PowerPC, Power3, SMP, SP

Compiler:
Fortran RTE: Provided by ESRI

Notes:
** For RAM configurations between 32 MB and 128 MB inclusively, may vary with installation. 2x
the amount of RAM MB Minimum, for RAM configurations above 128 MB, up to and including
1024 MB. May vary with installation.

ArcSDE 8.0.2 with IBM AIX 4.3.2.0 on Oracle 8i (32 bit) 8.1.7.0.0

Quick Links

Hardware Requirements
Database Notes

Product: ArcSDE 8.0.2

Platform: IBM

Operating System: AIX 4.3.2.0

Shipping/Release Date: March 1, 2000
Hardware Requirements

Memory/RAM:
32 MB - based on a single user

Swap Space:
** 256 MB Minimum - based on a single user

Window System:
Motif, CDE or AIX Desktop

Disk Space:
360 MB for all of ArcInfo and its modules

Architecture:
RISC System/6000 - Power, Power2, Power2 Super Chip, PowerPC, Power3, SMP, SP

Compiler:
Fortran RTE: Provided by ESRI

Notes:
** For RAM configurations between 32 MB and 128 MB inclusively, may vary with installation. 2x the amount of RAM MB Minimum, for RAM configurations above 128 MB, up to and including 1024 MB. May vary with installation.

Database Notes

Oracle Spatial Geometry Type Not Supported

ArcSDE 8.0.2 with IBM AIX 4.3.3.0 on Oracle 8.0.4.3

Quick Links

Hardware Requirements
Database Notes

**Product:** ArcSDE 8.0.2

**Platform:** IBM

**Operating System:** AIX 4.3.3.0

**Shipping/Release Date:** March 1, 2000

**DBMS:** Oracle

**DBMS Version:** 8.0.4.3

**DBMS Certification Date:** March 1, 2000

---

**Hardware Requirements**

**Memory/RAM:**
32 MB - based on a single user

**Swap Space:**
** 256 MB Minimum - based on a single user

**Window System:**
Motif, CDE or AIX Desktop

**Disk Space:**
360 MB for all of ArcInfo and its modules

**Architecture:**
RISC System/6000 - Power, Power2, Power2 Super Chip, PowerPC, Power3, SMP, SP

**Compiler:**
Fortran RTE: Provided by ESRI

**Notes:**
** For RAM configurations between 32 MB and 128 MB inclusively, may vary with installation. 2x the amount of RAM MB Minimum, for RAM configurations above 128 MB, up to and including 1024 MB. May vary with installation.

Database Notes

ArcSDE 8.0.2 with IBM AIX 4.3.3.0 on Oracle 8.0.6

Quick Links

Hardware Requirements

Database Notes

Product: ArcSDE 8.0.2

Platform: IBM

Operating System: AIX 4.3.3.0

Shipping/Release Date: March 1, 2000

DBMS: Oracle

DBMS Version: 8.0.6

DBMS Certification Date: March 1, 2000

Hardware Requirements

Memory/RAM:

32 MB - based on a single user

Swap Space:

** 256 MB Minimum -based on a single user

Window System:

Motif, CDE or AIX Desktop

Disk Space:

360 MB for all of ArcInfo and its modules

Architecture:

RISC System/6000 - Power, Power2, Power2 Super Chip, PowerPC, Power3, SMP, SP
Compiler:
Fortran RTE: Provided by ESRI

Notes:
** For RAM configurations between 32 MB and 128 MB inclusively, may vary with installation. 2x the amount of RAM MB Minimum, for RAM configurations above 128 MB, up to and including 1024 MB. May vary with installation.

Database Notes

ArcSDE 8.0.2 with IBM AIX 4.3.3.0 on Oracle 8i (32 bit) 8.1.5.0.0

Quick Links

Hardware Requirements

Product: ArcSDE 8.0.2

Platform: IBM

Operating System: AIX 4.3.3.0

Shipping/Release Date: March 1, 2000

DBMS: Oracle 8i (32 bit)

DBMS Version: 8.1.5.0.0

DBMS Certification Date: March 1, 2000

Hardware Requirements

Memory/RAM:
32 MB - based on a single user
Swap Space:
** 256 MB Minimum -based on a single user

Window System:
Motif, CDE or AIX Desktop

Disk Space:
360 MB for all of ArcInfo and its modules

Architecture:
RISC System/6000 - Power, Power2, Power2 Super Chip, PowerPC, Power3, SMP, SP

Compiler:
Fortran RTE: Provided by ESRI

Notes:
** For RAM configurations between 32 MB and 128 MB inclusively, may vary with installation. 2x the amount of RAM MB Minimum, for RAM configurations above 128 MB, up to and including 1024 MB. May vary with installation.

ArcSDE 8.0.2 with IBM AIX 4.3.3.0 on Oracle 8i (32 bit) 8.1.6.0.0

Quick Links

Hardware Requirements

Product: ArcSDE 8.0.2

Platform: IBM

Operating System: AIX 4.3.3.0

Shipping/Release Date: March 1, 2000

DBMS: Oracle 8i (32 bit)

DBMS Version: 8.1.6.0.0
Hardware Requirements

Memory/RAM:
32 MB - based on a single user

Swap Space:
** 256 MB Minimum -based on a single user

Window System:
Motif, CDE or AIX Desktop

Disk Space:
360 MB for all of ArcInfo and its modules

Architecture:
RISC System/6000 - Power, Power2, Power2 Super Chip, PowerPC, Power3, SMP, SP

Compiler:
Fortran RTE: Provided by ESRI

Notes:
** For RAM configurations between 32 MB and 128 MB inclusively, may vary with installation. 2x the amount of RAM MB Minimum, for RAM configurations above 128 MB, up to and including 1024 MB. May vary with installation.

ArcSDE 8.0.2 with IBM AIX 4.3.3.0 on Oracle 8i (32 bit) 8.1.7

Quick Links

Hardware Requirements
Database Notes

Product: ArcSDE 8.0.2

Platform: IBM

Operating System: AIX 4.3.3.0
Shipping/Release Date: March 1, 2000

DBMS: Oracle 8i (32 bit)

DBMS Version: 8.1.7

DBMS Certification Date: March 1, 2000

Hardware Requirements

Memory/RAM:
32 MB - based on a single user

Swap Space:
** 256 MB Minimum -based on a single user

Window System:
Motif, CDE or AIX Desktop

Disk Space:
360 MB for all of ArcInfo and its modules

Architecture:
RISC System/6000 - Power, Power2, Power2 Super Chip, PowerPC, Power3, SMP, SP

Compiler:
Fortran RTE: Provided by ESRI

Notes:
** For RAM configurations between 32 MB and 128 MB inclusively, may vary with installation. 2x the amount of RAM MB Minimum, for RAM configurations above 128 MB, up to and including 1024 MB. May vary with installation.

Database Notes

Oracle Spatial Geometry Type Not Supported

ArcSDE 8.0.2 with PC-Intel Windows 2000 Professional on Oracle 8i (32 bit) 8.1.6.0.0
Hardware Requirements

Product: ArcSDE 8.0.2

Platform: PC-Intel

Operating System: Windows 2000 Professional

Service Pack(s)/Patch(es): SP 1 (optional)

Shipping/Release Date: March 1, 2000

DBMS: Oracle 8i (32 bit)

DBMS Version: 8.1.6.0.0

DBMS Certification Date: March 1, 2000

Hardware Requirements

Memory/RAM:
128 MB Recommended - based on a single user

Disk Space:
NTFS Approximately 1.5 GB
** Recommended NTFS Approximately 2.5 GB

Free Disk Space:
200 MB Recommended - based on a single user

Disk Space Requirements:
Installation Footprint: - Desktop ArcInfo: Approximately 640 MB - Workstation ArcInfo: Approximately 770 MB
System drive (typically C, where winnt\system32 is located), up to 70 MB.

The disk space requirements for each of the ArcInfo 8.0.2 components are provided in the Setup program.

The license manager requires a network board (or MS Loopback adaptor) and TCP/IP be installed and functioning for ArcInfo 8.0.2.

Installation on a fast, NTFS (New Technology File System) hard drive is strongly recommended for the Desktop Application.

Notes:

ArcSDE 8.0.2 with PC-Intel Windows 2000 Professional on Oracle 8i (32 bit) 8.1.7.0.0

Quick Links

Hardware Requirements
Database Notes

Product: ArcSDE 8.0.2

Platform: PC-Intel

Operating System: Windows 2000 Professional

Service Pack(s)/Patch(es): SP 1 (optional)

Shipping/Release Date: March 1, 2000

DBMS: Oracle 8i (32 bit)
Hardware Requirements

Memory/RAM:
128 MB Recommended - based on a single user

Disk Space:
NTFS Approximately 1.5 GB
** Recommended NTFS Approximately 2.5 GB

Free Disk Space:
200 MB Recommended - based on a single user

Disk Space Requirements:
Installation Footprint: - Desktop ArcInfo: Approximately 640 MB - Workstation ArcInfo: Approximately 770 MB

System drive (typically C, where winnt\system32 is located), up to 70 MB.

The disk space requirements for each of the ArcInfo 8.0.2 components are provided in the Setup program.

The license manager requires a network board (or MS Loopback adaptor) and TCP/IP be installed and functioning for ArcInfo 8.0.2.

Installation on a fast, NTFS (New Technology File System) hard drive is strongly recommended for the Desktop Application.

Notes:

Database Notes
Oracle Spatial Geometry Type Not Supported

ArcSDE 8.0.2 with PC-Intel Windows NT 4.0 on Microsoft SQL Server 7.0
Hardware Requirements

**Memory/RAM:**
128 MB Recommended - based on a single user

**Paging File**
200 MB Recommended - based on a single user

**Disk Space:**
NTFS Approximatly 1.5 GB
** Recommended NTFS Approximately 2.5 GB

**Architecture:**
Processor: Pentium (or higher)

**Disk Space Requirements:**
Installation Footprint - Desktop ArcInfo: Approximately 640 MB Installation Footprint -
Workstation ArcInfo: Approximately 770 MB System drive (typically C, where winnt\system32 is located), up to 70 MB.

The disk space requirements for each of the ArcInfo 8.0.2 components are provided in the Setup program.

The license manager requires a network board (or MS Loopback adaptor) and TCP/IP be installed and functioning for ArcInfo 8.0.2.

Service pack 6 will not be certified.

**Database Notes**

**NOTE:**

We have found some problems using the ODBC version (3.7.0) provided with SQLServer 7.0 when trying to use DBI on Intel NT to connect to SQLServer 7.0. What seems to happen is when using commands that access the schema of the SQLServer database certain data types aren't being converted in a manner that we can use so often errors such as:

Arc: show tables sqlsrvr
PccMapSQLDA: Unknown or unsupported ODBC type

The workaround for this problem has been to install an earlier version of SQLServer's ODBC driver. At this point versions 2.65, 3.50 and 3.60 have been tested and look to be a solution for the problem.

**ArcSDE 8.0.2 with PC-Intel Windows NT 4.0 on Oracle 8.0.4.3.8a**

**Quick Links**

Hardware Requirements

*Product:* ArcSDE 8.0.2
**Platform:** PC-Intel

**Operating System:** Windows NT 4.0

**Service Pack(s)/Patch(es):** SP 6a

**Shipping/Release Date:** March 1, 2000

**DBMS:** Oracle

**DBMS Version:** 8.0.4.3.8a

**DBMS Certification Date:** March 1, 2000

---

**Hardware Requirements**

**Memory/RAM:**
128 MB Recommended - based on a single user

**Paging File**
200 MB Recommended - based on a single user

**Disk Space:**
- NTFS Approxiamtely 1.5 GB
- ** Recommended NTFS Approximately 2.5 GB

**Architecture:**
Processor: Pentium (or higher)

**Disk Space Requirements:**
- Installation Footprint - Desktop ArcInfo: Approximately 640 MB
- Workstation ArcInfo: Approximately 770 MB System drive (typically C, where winnt\system32 is located), up to 70 MB.

The disk space requirements for each of the ArcInfo 8.0.2 components are provided in the Setup program.
The license manager requires a network board (or MS Loopback adaptor) and TCP/IP be installed and functioning for ArcInfo 8.0.2.

Service pack 6 will not be certified.

**ArcSDE 8.0.2 with PC-Intel Windows NT 4.0 on Oracle 8.0.6**

**Quick Links**

**Hardware Requirements**

**Product:** ArcSDE 8.0.2

**Platform:** PC-Intel

**Operating System:** Windows NT 4.0

**Service Pack(s)/Patch(es):** SP 6a

**Shipping/Release Date:** March 1, 2000

**DBMS:** Oracle

**DBMS Version:** 8.0.6

**DBMS Certification Date:** March 1, 2000

**Hardware Requirements**

**Memory/RAM:**
128 MB Recommended - based on a single user

**Paging File**
200 MB Recommended - based on a single user

**Disk Space:**
NTFS Approximately 1.5 GB

** Recommended NTFS Approximately 2.5 GB

**Architecture:**
Processor: Pentium (or higher)

**Disk Space Requirements:**
Installation Footprint - Desktop ArcInfo: Approximately 640 MB Installation Footprint - Workstation ArcInfo: Approximately 770 MB System drive (typically C, where winnt\system32 is located), up to 70 MB.

The disk space requirements for each of the ArcInfo 8.0.2 components are provided in the Setup program.

The license manager requires a network board (or MS Loopback adaptor) and TCP/IP be installed and functioning for ArcInfo 8.0.2.

Service pack 6 will not be certified.

**ArcSDE 8.0.2 with PC-Intel Windows NT 4.0 on Oracle 8i (32 bit) 8.1.5.0.0**

**Quick Links**

[Hardware Requirements](#)
[Database Notes](#)

**Product:** ArcSDE 8.0.2

**Platform:** PC-Intel

**Operating System:** Windows NT 4.0

**Service Pack(s)/Patch(es):** SP 6a

**Shipping/Release Date:** March 1, 2000
DBMS: Oracle 8i (32 bit)

DBMS Version: 8.1.5.0.0

DBMS Certification Date: March 1, 2000

Hardware Requirements

Memory/RAM:
128 MB Recommended - based on a single user

Paging File
200 MB Recommended - based on a single user

Disk Space:
NTFS Approxiamtely 1.5 GB
** Recommended NTFS Approximately 2.5 GB

Architecture:
Processor: Pentium (or higher)

Disk Space Requirements:
Installation Footprint - Desktop ArcInfo: Approximately 640 MB Installation Footprint - Workstation ArcInfo: Approximately 770 MB System drive (typically C, where winnt\system32 is located), up to 70 MB.

The disk space requirements for each of the ArcInfo 8.0.2 components are provided in the Setup program.

The license manager requires a network board (or MS Loopback adaptor) and TCP/IP be installed and functioning for ArcInfo 8.0.2.

Service pack 6 will not be certified.

Database Notes
Connectivity from ArcInfo 8.0.2 on IntelNT to an ORACLE 8i (8.1.5) server on Intel NT is established by having the ORACLE 8.0.4.x client installed. ArcInfo requires the use of the ORACLE 8.0.4.x client due to
being built with the ORACLE 8.0.4.3.0 libraries. No connectivity from ArcInfo 8.0.2 on Intel NT to an ORACLE 8i (8.1.5) server on Intel NT can be managed using the ORACLE 8i (8.1.5) client.

**ArcSDE 8.0.2 with PC-Intel Windows NT 4.0 on Oracle 8i (32 bit) 8.1.6.0.0**

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**Hardware Requirements**

*Product:* ArcSDE 8.0.2

*Platform:* PC-Intel

*Operating System:* Windows NT 4.0

*Service Pack(s)/Patch(es):* SP 6a

*Shipping/Release Date:* March 1, 2000

*DBMS:* Oracle 8i (32 bit)

*DBMS Version:* 8.1.6.0.0

*DBMS Certification Date:* March 1, 2000

**Hardware Requirements**

**Memory/RAM:**
128 MB Recommended - based on a single user

**Paging File**

200 MB Recommended - based on a single user

**Disk Space:**
NTFS Approximately 1.5 GB
** Recommended NTFS Approximately 2.5 GB

**Architecture:**
Processor: Pentium (or higher)

**Disk Space Requirements:**
Installation Footprint - Desktop ArcInfo: Approximately 640 MB
Installation Footprint - Workstation ArcInfo: Approximately 770 MB
System drive (typically C, where winnt\system32 is located), up to 70 MB.

The disk space requirements for each of the ArcInfo 8.0.2 components are provided in the Setup program.

The license manager requires a network board (or MS Loopback adaptor) and TCP/IP be installed and functioning for ArcInfo 8.0.2.

Service pack 6 will not be certified.

**ArcSDE 8.0.2 with PC-Intel Windows NT 4.0 on Oracle 8i (32 bit) 8.1.7**

**Quick Links**

- Hardware Requirements
- Database Notes

**Product:** ArcSDE 8.0.2

**Platform:** PC-Intel

**Operating System:** Windows NT 4.0

**Service Pack(s)/Patch(es):** SP 6a

**Shipping/Release Date:** March 1, 2000
**DBMS:** Oracle 8i (32 bit)

**DBMS Version:** 8.1.7

**DBMS Certification Date:** March 1, 2000

---

**Hardware Requirements**

**Memory/RAM:**
128 MB Recommended - based on a single user

**Paging File**
200 MB Recommended - based on a single user

**Disk Space:**
NTFS Approximately 1.5 GB
** Recommended NTFS Approximately 2.5 GB

**Architecture:**
Processor: Pentium (or higher)

**Disk Space Requirements:**
Installation Footprint - Desktop ArcInfo: Approximately 640 MB
Installation Footprint - Workstation ArcInfo: Approximately 770 MB
System drive (typically C, where winnt\system32 is located), up to 70 MB.

The disk space requirements for each of the ArcInfo 8.0.2 components are provided in the Setup program.

The license manager requires a network board (or MS Loopback adaptor) and TCP/IP be installed and functioning for ArcInfo 8.0.2.

Service pack 6 will not be certified.

---

**Database Notes**

Oracle Spatial Geometry Type Not Supported

**ArcSDE 8.0.2 with SGI IRIX 6.5.6 on Oracle 8.0.4.3.0**
**Quick Links**

- Hardware Requirements
- Database Notes

**Product:** ArcSDE 8.0.2

**Platform:** SGI

**Operating System:** IRIX 6.5.6

**Shipping/Release Date:** March 1, 2000

**DBMS:** Oracle

**DBMS Version:** 8.0.4.3.0

**DBMS Certification Date:** March 1, 2000

---

**Hardware Requirements**

**Memory/RAM:**

64 MB Minimum - based on a single user

**Swap Space:**

200 MB Minimum - based on a single user

**Window System:**

Motif

**Disk Space:**

250 MB for all of ArcInfo and its modules

---

**Database Notes**

At the moment there are a number of issues dealing with ORACLE 8x's default set up. A number of problems arise when importing ORACLE 7.x databases to ORACLE 8.x. Very
often the newly imported databases are converted to a European character set (the problem exists with Asian character sets as well). If this is the case, connectivity and performance may be compromised. Databases created within ORACLE 8.x appear to work fine with ArcInfo 7.x.

The problem is often a result of one the following:

1) This error may occur if an invalid value for NLS_LANG has been specified.
2) This error can occur if the NLS_LANG variable is specified correctly, but the environment variable ORA_NLS32 has not been set.
3) This error may also occur if the NLS_LANG is specified correctly, but the environment variable ORA_NLS32 does not refer to the proper NLS boot files.

The fix for this character set problem is as follows:

On Unix -
As the Oracle account -

1) If you have a copy of the Oracle 7.3.3 NLS loadable datafiles then copy them over to a local directory. These files reside in the Oracle 7.3.3 home under the /ocommon/nls/admin/data directory.

2) Create an Environment variable called ORA_NLS32 and point it to that directory. You can also set this variable in your $SDEHOME/etc/dbinit.sde file.

For example if the Oracle7 NLS data is contained under the following directory on a machine named Tanka.

/tanka2/ora_nls/data

A valid directory setting for ORA_NLS32 is as follows -

For the C shell:

% setenv ORA_NLS32 /tanka2/ora_nls/data

For the Bourne or Korn shell:
$ ORA_NLS32=/tanka2/ora_nls/data
$ export ORA_NLS32

For further details on this issue, users are asked to contact their ORACLE representative.

ArcSDE 8.0.2 with SGI IRIX 6.5.6 on Oracle 8.0.6

Quick Links

Hardware Requirements
Database Notes

Product: ArcSDE 8.0.2

Platform: SGI

Operating System: IRIX 6.5.6

Shipping/Release Date: March 1, 2000

DBMS: Oracle

DBMS Version: 8.0.6

DBMS Certification Date: March 1, 2000

Hardware Requirements
Memory/RAM:
64 MB Minimum - based on a single user

Swap Space:
200 MB Minimum - based on a single user

Window System:
Motif

**Disk Space:**
250 MB for all of ArcInfo and its modules

**Database Notes**

**ArcSDE 8.0.2 with Sun Solaris 6 (SPARC) on Oracle 8.0.4.3.0**

**Quick Links**

- Hardware Requirements
- Database Notes

**Product:** ArcSDE 8.0.2

**Platform:** Sun

**Operating System:** Solaris 6 (SPARC)

**Shipping/Release Date:** March 1, 2000

**DBMS:** Oracle

**DBMS Version:** 8.0.4.3.0

**DBMS Certification Date:** March 1, 2000

**Hardware Requirements**

**Memory/RAM:**
32 MB Minimum - based on a single user
64 MB Recommended

**Swap Space:**
100 MB Minimum - based on a single user

Window System:
CDE or Open Windows

Disk Space:
274 MB for all of ArcInfo and its modules

Database Notes

At the moment there are a number of issues dealing with ORACLE 8x's default set up. A number of problems arise when importing ORACLE 7.x databases to ORACLE 8.x. Very often the newly imported databases are converted to a European character set (the problem exists with Asian character sets as well). If this is the case, connectivity and performance may be compromised. Databases created within ORACLE 8.x appear to work fine with ArcInfo 7.x.

The problem is often a result of one the following:

1) This error may occur if an invalid value for NLS_LANG has been specified.
2) This error can occur if the NLS_LANG variable is specified correctly, but the environment variable ORA_NLS32 has not been set.
3) This error may also occur if the NLS_LANG is specified correctly, but the environment variable ORA_NLS32 does not refer to the proper NLS boot files.

The fix for this character set problem is as follows:

On Unix -
As the Oracle account -

1) If you have a copy of the Oracle 7.3.3 NLS loadable datafiles then copy them over to a local directory. These files reside in the Oracle 7.3.3 home under the /ocommon/nls/admin/data directory.

2) Create an Environment variable called ORA_NLS32 and point it to that directory. You can also set this variable in your $SDEHOME/etc/dbinit.sde file.

For example if the Oracle7 NLS data is contained under the following directory on a machine named Tanka.
A valid directory setting for ORA_NLS32 is as follows:

For the C shell:

% setenv ORA_NLS32 /tanka2/ora_nls/data

For the Bourne or Korn shell:

$ ORA_NLS32=/tanka2/ora_nls/data
$ export ORA_NLS32

For further details on this issue, users are asked to contact their ORACLE representative.

**ArcSDE 8.0.2 with Sun Solaris 6 (SPARC) on Oracle 8.0.6**

**Quick Links**

[Hardware Requirements](#)

**Product:** ArcSDE 8.0.2

**Platform:** Sun

**Operating System:** Solaris 6 (SPARC)

**Shipping/Release Date:** March 1, 2000

**DBMS:** Oracle

**DBMS Version:** 8.0.6
Hardware Requirements

Memory/RAM:
32 MB Minimum - based on a single user
64 MB Recommended

Swap Space:
100 MB Minimum - based on a single user

Window System:
CDE or Open Windows

Disk Space:
274 MB for all of ArcInfo and its modules

ArcSDE 8.0.2 with Sun Solaris 6 (SPARC) on Oracle Enterprise Server 8.0.4.3.0

Quick Links

Product: ArcSDE 8.0.2
Platform: Sun
Operating System: Solaris 6 (SPARC)
Shipping/Release Date: March 1, 2000
DBMS: Oracle
DBMS Version: Enterprise Server 8.0.4.3.0
Hardware Requirements

Memory/RAM:
32 MB Minimum - based on a single user
64 MB Recommended

Swap Space:
100 MB Minimum - based on a single user

Window System:
CDE or Open Windows

Disk Space:
274 MB for all of ArcInfo and its modules

ArcSDE 8.0.2 with Sun Solaris 6 (SPARC) on Oracle 8.0.6

Quick Links

Hardware Requirements

Product: ArcSDE 8.0.2

Platform: Sun

Operating System: Solaris 6 (SPARC)

Shipping/Release Date: March 1, 2000

DBMS: Oracle

DBMS Version: 8.0.6
Hardware Requirements

Memory/RAM:
32 MB Minimum - based on a single user
64 MB Recommended

Swap Space:
100 MB Minimum - based on a single user

Window System:
CDE or Open Windows

Disk Space:
274 MB for all of ArcInfo and its modules

ArcSDE 8.0.2 with Sun Solaris 6 (SPARC) on Oracle Enterprise Server 8.0.4.3.0

Quick Links

Hardware Requirements

Product: ArcSDE 8.0.2

Platform: Sun

Operating System: Solaris 6 (SPARC)

Shipping/Release Date: March 1, 2000

DBMS: Oracle

DBMS Version: Enterprise Server 8.0.4.3.0
Hardware Requirements

Memory/RAM:
32 MB Minimum - based on a single user
64 MB Recommended

Swap Space:
100 MB Minimum - based on a single user

Window System:
CDE or Open Windows

Disk Space:
274 MB for all of ArcInfo and its modules

ArcSDE 8.0.2 with Sun Solaris 6 (SPARC) on Oracle 8i (32 bit) 8.1.5.0.0

Quick Links

Hardware Requirements
Database Notes

Product: ArcSDE 8.0.2

Platform: Sun

Operating System: Solaris 6 (SPARC)

Shipping/Release Date: March 1, 2000

DBMS: Oracle 8i (32 bit)

DBMS Version: 8.1.5.0.0
Hardware Requirements

Memory/RAM:
32 MB Minimum - based on a single user
64 MB Recommended

Swap Space:
100 MB Minimum - based on a single user

Window System:
CDE or Open Windows

Disk Space:
274 MB for all of ArcInfo and its modules

Database Notes

At the moment there are a number of issues dealing with ORACLE 8x's default set up. A number of problems arise when importing ORACLE 7.x databases to ORACLE 8.x. Very often the newly imported databases are converted to a European character set (the problem exists with Asian character sets as well). If this is the case, connectivity and performance may be compromised. Databases created within ORACLE 8.x appear to work fine with ArcInfo 7.x.

The problem is often a result of one the following:

1) This error may occur if an invalid value for NLS_LANG has been specified.
2) This error can occur if the NLS_LANG variable is specified correctly, but the environment variable ORA_NLS32 has not been set.
3) This error may also occur if the NLS_LANG is specified correctly, but the environment variable ORA_NLS32 does not refer to the proper NLS boot files.

The fix for this character set problem is as follows:

On Unix -
As the Oracle account -

1) If you have a copy of the Oracle 7.3.3 NLS loadable datafiles then copy them over to a
local directory. These files reside in the Oracle 7.3.3 home under the /ocommon/nls/admin/data directory.

2) Create an Environment variable called ORA_NLS32 and point it to that directory. You can also set this variable in your $SDEHOME/etc/dbinit.sde file.

For example if the Oracle7 NLS data is contained under the following directory on a machine named Tanka.

/tanka2/ora_nls/data

A valid directory setting for ORA_NLS32 is as follows -

For the C shell:

% setenv ORA_NLS32 /tanka2/ora_nls/data

For the Bourne or Korn shell:

$ ORA_NLS32=/tanka2/ora_nls/data
$ export ORA_NLS32

For further details on this issue, users are asked to contact their ORACLE representative.

ArcSDE 8.0.2 with Sun Solaris 6 (SPARC) on Oracle 8i (32 bit) 8.1.6.0.0

Quick Links

- **Hardware Requirements**
  - **Product:** ArcSDE 8.0.2
  - **Platform:** Sun
**Operating System:** Solaris 6 (SPARC)

**Shipping/Release Date:** March 1, 2000

**DBMS:** Oracle 8i (32 bit)

**DBMS Version:** 8.1.6.0.0

**DBMS Certification Date:** March 1, 2000

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**Hardware Requirements**

**Memory/RAM:**
- 32 MB Minimum - based on a single user
- 64 MB Recommended

**Swap Space:**
- 100 MB Minimum - based on a single user

**Window System:**
- CDE or Open Windows

**Disk Space:**
- 274 MB for all of ArcInfo and its modules

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**ArcSDE 8.0.2 with Sun Solaris 6 (SPARC) on Oracle 8i (32 bit) 8.1.7.0.0**

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**Quick Links**

- [Hardware Requirements](#)
- [Database Notes](#)

**Product:** ArcSDE 8.0.2

**Platform:** Sun
Operating System: Solaris 6 (SPARC)

Shipping/Release Date: March 1, 2000

DBMS: Oracle 8i (32 bit)

DBMS Version: 8.1.7.0.0

DBMS Certification Date: March 1, 2000

Hardware Requirements

Memory/RAM:
32 MB Minimum - based on a single user
64 MB Recommended

Swap Space:
100 MB Minimum - based on a single user

Window System:
CDE or Open Windows

Disk Space:
274 MB for all of ArcInfo and its modules

Database Notes

Oracle Spatial Geometry Type Not Supported

ArcSDE 8.0.2 with Sun Solaris 7 (SPARC) on Oracle 8.0.4.3

Quick Links

Hardware Requirements

Product: ArcSDE 8.0.2
Platform: Sun

Operating System: Solaris 7 (SPARC)

Shipping/Release Date: March 1, 2000

DBMS: Oracle

DBMS Version: 8.0.4.3

DBMS Certification Date: March 1, 2000

Hardware Requirements

Memory/RAM:
32 MB Minimum - based on a single user

Swap Space:
100 MB Minimum - based on a single user

Window System:
CDE or Open Windows

Disk Space:
274 MB for all of ArcInfo and its modules

ArcSDE 8.0.2 with Sun Solaris 7 (SPARC) on Oracle 8.0.6

Quick Links

Hardware Requirements

Product: ArcSDE 8.0.2

Platform: Sun
Operating System: Solaris 7 (SPARC)

Shipping/Release Date: March 1, 2000

DBMS: Oracle

DBMS Version: 8.0.6

DBMS Certification Date: March 1, 2000

Hardware Requirements

Memory/RAM:
32 MB Minimum - based on a single user

Swap Space:
100 MB Minimum - based on a single user

Window System:
CDE or Open Windows

Disk Space:
274 MB for all of ArcInfo and its modules

ArcSDE 8.0.2 with Sun Solaris 7 (SPARC) on Oracle 8i (32 bit) 8.1.5.0.0

Quick Links

Hardware Requirements

Product: ArcSDE 8.0.2

Platform: Sun

Operating System: Solaris 7 (SPARC)
Shipping/Release Date: March 1, 2000

DBMS: Oracle 8i (32 bit)

DBMS Version: 8.1.5.0.0

DBMS Certification Date: March 1, 2000

Hardware Requirements

Memory/RAM:
32 MB Minimum - based on a single user

Swap Space:
100 MB Minimum - based on a single user

Window System:
CDE or Open Windows

Disk Space:
274 MB for all of ArcInfo and its modules

ArcSDE 8.0.2 with Sun Solaris 7 (SPARC) on Oracle 8i (32 bit) 8.1.5.0.0

Quick Links

Hardware Requirements

Product: ArcSDE 8.0.2

Platform: Sun

Operating System: Solaris 7 (SPARC)

Shipping/Release Date: March 1, 2000
DBMS: Oracle 8i (32 bit)

DBMS Version: 8.1.5.0.0

DBMS Certification Date: March 1, 2000

Hardware Requirements

Memory/RAM:
32 MB Minimum - based on a single user

Swap Space:
100 MB Minimum - based on a single user

Window System:
CDE or Open Windows

Disk Space:
274 MB for all of ArcInfo and its modules

ArcSDE 8.0.2 with Sun Solaris 7 (SPARC) on Oracle 8i (32 bit) 8.1.6.0.0

Quick Links

Hardware Requirements

Product: ArcSDE 8.0.2

Platform: Sun

Operating System: Solaris 7 (SPARC)

Shipping/Release Date: March 1, 2000

DBMS: Oracle 8i (32 bit)
**Hardware Requirements**

**Memory/RAM:**
32 MB Minimum - based on a single user

**Swap Space:**
100 MB Minimum - based on a single user

**Window System:**
CDE or Open Windows

**Disk Space:**
274 MB for all of ArcInfo and its modules

**ArcSDE 8.0.2 with Sun Solaris 7 (SPARC) on Oracle 8i (32 bit) 8.1.7**

**Quick Links**

- [Hardware Requirements](#)
- [Database Notes](#)

**Product:** ArcSDE 8.0.2

**Platform:** Sun

**Operating System:** Solaris 7 (SPARC)

**Shipping/Release Date:** March 1, 2000

**DBMS:** Oracle 8i (32 bit)
DBMS Version: 8.1.7

DBMS Certification Date: March 1, 2000

Hardware Requirements

Memory/RAM:
32 MB Minimum - based on a single user

Swap Space:
100 MB Minimum - based on a single user

Window System:
CDE or Open Windows

Disk Space:
274 MB for all of ArcInfo and its modules

Database Notes

Oracle Spatial Geometry Type Not Supported

ArcSDE 8.0.2 with Sun Solaris 8 (SPARC) on Oracle 8.0.6

Quick Links

Hardware Requirements

Product: ArcSDE 8.0.2

Platform: Sun

Operating System: Solaris 8 (SPARC)

Shipping/Release Date: March 1, 2000
**DBMS:** Oracle

**DBMS Version:** 8.0.6

**DBMS Certification Date:** March 1, 2000

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**Hardware Requirements**

**Memory/RAM:**
32 MB RAM based on single user

**Swap Space:**
100 MB minimum

**Window System:**
CDE or Open Windows

**Disk Space:**
274 for ArcInfo and all its modules

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**ArcSDE 8.0.2 with Sun Solaris 8 (SPARC) on Oracle 8i (32 bit) 8.1.5**

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**Quick Links**

- [Hardware Requirements](#)
- [Database Notes](#)

**Product:** ArcSDE 8.0.2

**Platform:** Sun

**Operating System:** Solaris 8 (SPARC)

**Shipping/Release Date:** March 1, 2000
DBMS: Oracle 8i (32 bit)

DBMS Version: 8.1.5

DBMS Certification Date: March 1, 2000

Hardware Requirements

Memory/RAM:
32 MB RAM based on single user

Swap Space:
100 MB minimum

Window System:
CDE or Open Windows

Disk Space:
274 for ArcInfo and all its modules

Database Notes

Oracle Spatial Geometry Type Not Supported

ArcSDE 8.0.2 with Sun Solaris 8 (SPARC) on Oracle 8i (32 bit) 8.1.6

Quick Links

Hardware Requirements

Product: ArcSDE 8.0.2

Platform: Sun

Operating System: Solaris 8 (SPARC)
Shipping/Release Date: March 1, 2000

DBMS: Oracle 8i (32 bit)

DBMS Version: 8.1.6

DBMS Certification Date: March 1, 2000

Hardware Requirements

Memory/RAM:
32 MB RAM based on single user

Swap Space:
100 MB minimum

Window System:
CDE or Open Windows

Disk Space:
274 for ArcInfo and all its modules

ArcSDE 8.0.2 with Sun Solaris 8 (SPARC) on Oracle 8i (32 bit) 8.1.7

Quick Links

Hardware Requirements
Database Notes

Product: ArcSDE 8.0.2

Platform: Sun

Operating System: Solaris 8 (SPARC)
Shipping/Release Date: March 1, 2000

DBMS: Oracle 8i (32 bit)

DBMS Version: 8.1.7

DBMS Certification Date: March 1, 2000

Hardware Requirements

Memory/RAM:
32 MB RAM based on single user

Swap Space:
100 MB minimum

Window System:
CDE or Open Windows

Disk Space:
274 for ArcInfo and all its modules

Database Notes
Oracle Spatial Geometry Type Not Supported