

ArcGIS Server 9.0.1 System Requirements

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

- [Linux-Intel Red Hat Enterprise Linux AS/ES 3.0](#)
- [Linux-Intel SuSE Linux Enterprise Server 9](#)
- [Sun Solaris 8 \(SPARC\)](#)
- [Sun Solaris 9 \(SPARC\)](#)
 - Application Developer Frameworks for ArcGIS Server 9.0.1

 - ArcGIS Server - .Net ADF
 - *No web server and application server platform information available.*
 - *No web browser information available.*
 - ArcGIS Server - Java ADF
 - Supported Web Server and Application Server Platforms
 - HP HP-UX 11.i (32 bit or 64 bit) PA RISC
 - IBM AIX 5.1.0.0
 - IBM AIX 5.2.0.0
 - Linux-Intel Red Hat Enterprise Linux AS/ES 3.0
 - Linux-Intel SUSE Linux Enterprise Server 9
 - Sun Solaris 8 (SPARC)
 - Sun Solaris 9 (SPARC)
 - Supported web browsers for ArcGIS Server - Java ADF



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

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

Hardware Requirements

CPU Speed:

800 MHz minimum, 1.0 GHz recommended or higher

Processor:

x86 architecture (32-bit)

Memory/RAM:

512 MB minimum, 1 GB recommended or higher

Display Properties:

24 bit color depth

Screen Resolution:

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

Swap Space:

256 MB minimum, 512 MB recommended

Disk Space:

Typical - 650 MB, Complete - 1.3 GB

Notes:**OPERATING SYSTEM REQUIREMENTS**

ArcGIS Server is only supported on Linux x86, on CPUs that adhere to the x86 architecture (32-bit), with supported Linux releases.

It is a requirement that the OS (binary) has not been modified. ESRI does not provide any

support if products are installed on Developer's Release of an Operating System.

The linux patches from RHEL AS/ES will be supported as long as the patches are supported by the webserver and they are from Red Hat without any modification to the latest kernel/glibc version.

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

Base Development package

Base Legacy Software Development package

ADDITIONAL REQUIREMENTS:

- Xvfb: This is a hardware-independent Xserver package, which can be installed from XFree86-Xvfb-4.3.0-35EL.rpm, that comes with Redhat Linux install CD.

OpenGL: XFree86-Mesa-libGL, version 4.2.0-8, which is installed by default with Linux 3.0 (AS/ES) and is an equivalent of OpenGL.

24-bit color depth enabled

Best Performance Configuration

System Design Strategies

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

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

<i>Product:</i>	ArcGIS Server 9.0.1
<i>Platform:</i>	Linux-Intel
<i>Operating System:</i>	SUSE Linux Enterprise Server 9
<i>Shipping/Release Date:</i>	January 10, 2005

Hardware Requirements

CPU Speed:

800 MHz minimum - 1.0 GHz recommended or higher

Processor:

x86 architecture (32-bit)

Memory/RAM:

512 MB minimum, 1 GB recommended or higher

Display Properties:

24 bit color depth

Screen Resolution:

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

Swap Space:

256 MB minimum, 512 MB recommended

Disk Space:

Typical - 650 MB, Complete - 1.3 GB

Notes:**OPERATING SYSTEM REQUIREMENTS:**

ArcGIS Server is only supported on Linux x86, on CPUs that adhere to the x86 architecture (32-bit), with supported Linux releases.

It is a requirement that the OS (binary) has not been modified. ESRI does not provide any support if products are installed on Developer's Release of an Operating System.

The linux patches from Suse will be supported as long as the patches are from Suse without any modification to the latest kernel/glibc version.

Additional Requirements:

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

Best Performance Configuration

System Design Strategies

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

ArcGIS Server 9.0.1 on Sun Solaris 8 (SPARC)

<i>Product:</i>	ArcGIS Server 9.0.1
<i>Platform:</i>	Sun
<i>Operating System:</i>	Solaris 8 (SPARC)
<i>Shipping/Release Date:</i>	January 10, 2005

Hardware Requirements

CPU Speed:

800 MHz minimum, 1.0 GHz or higher recommended

Memory/RAM:

512 MB minimum, 1 GB or higher recommended

Display Properties:

24 bit color depth

Screen Resolution:

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

Swap Space:

256 MB minimum, 512 MB recommended

Disk Space:

Typical - 750 MB, Complete - 1.4 GB

Notes:**OPERATING SYSTEM REQUIREMENTS**

It is a requirement that the OS (binary) has not been modified.

If the binary has been modified, the customer will need to support it themselves.

ESRI does not provide any support if products are installed on Developer's Release of an Operating System.

ADDITIONAL NOTES:

OpenGL: version 1.2 or higher.

24-bit capable graphics accelerator

Best Performance Configuration

System Design Strategies

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

ArcGIS Server 9.0.1 on Sun Solaris 9 (SPARC)

<i>Product:</i>	ArcGIS Server 9.0.1
<i>Platform:</i>	Sun
<i>Operating System:</i>	Solaris 9 (SPARC)
<i>Shipping/Release Date:</i>	January 10, 2005

Hardware Requirements

CPU Speed:

800 MHz minimum, 1.0 GHz or higher recommended

Memory/RAM:

512 MB minimum - 1 GB or higher recommended

Display Properties:

24 bit color depth

Screen Resolution:

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

Swap Space:

256 MB minimum, 512 MB recommended

Disk Space:

Typical - 750 MB, Complete - 1.4 GB

Notes:**OPERATING SYSTEM REQUIREMENTS**

It is a requirement that the OS (binary) has not been modified. If the binary has been modified, the customer will need to support it themselves.

ESRI does not provide any support if products are installed on Developer's Release of an Operating System.

ADDITIONAL NOTES:

OpenGL: version 1.2 or higher.

24-bit capable graphics accelerator

Best Performance Configuration

System Design Strategies

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

Application Developer Frameworks for ArcGIS Server 9.0.1

ArcGIS Server - .Net ADF

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

ArcGIS Server - Java ADF

Supported Web Server and Application Server Platforms

- HP HP-UX 11.i (32 bit or 64 bit) PA RISC
- IBM AIX 5.1.0.0
- IBM AIX 5.2.0.0
- Linux-Intel Red Hat Enterprise Linux AS/ES 3.0
- Linux-Intel SUSE Linux Enterprise Server 9
- Sun Solaris 8 (SPARC)
- Sun Solaris 9 (SPARC)

Supported Web Servers and Application Servers for ArcGIS Server - Java ADF 9.0.1 on HP HP-UX 11.i (32 bit or 64 bit) PA RISC

Click on a server name to get more information.

Web Server or Application Server

Notes

Apache 2.0.46

ServletExec AS 5.0 patch 2

Sun Java System (Sun ONE) Application Server 7.0

Tomcat 4.1.29

Limitations

Tomcat 5.0.18

ArcGIS Server - Java ADF 9.0.1 with HP HP-UX 11.i (32 bit or 64 bit) PA RISC on Apache 2.0.46

<i>Product:</i>	ArcGIS Server - Java ADF 9.0.1
<i>Platform:</i>	HP
<i>Operating System:</i>	HP-UX 11.i (32 bit or 64 bit) PA RISC
<i>Shipping/Release Date:</i>	January 10, 2005
<i>Web Server or Application Server:</i>	Apache
<i>Web Server or Application Server Version:</i>	2.0.46

Hardware Requirements

Memory/RAM:

128 MB minimum

256 MB or higher recommended

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space:

835 MB

Software Requirements

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

requirement:

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

Additional requirements:

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

- Web server
- Servlet engine

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

- J2EE compliant Application Server

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

Supported Servlet Engines

ServletExec AS 5.0 patch 2

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

Supported uses of the Java ADF are:

- webcontrols
- templates
- web service catalogs
- ArcGIS Server API

JDK 1.5.0_06 is required.

ArcGIS Server Java ADF supports ServletExec 5.0 with patch 2. See

http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94

for directions on determining the version and patch level of ServletExec you have installed. ServletExec_5_0p02.zip is available from

ftp://ftp.newatlanta.com/public/servletexec/5_0/patches/.

Tomcat 4.1.29

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

Supported uses of the Java ADF are:

- webcontrols

- templates
- web service catalogs
- ArcGIS Server API

JDK 1.5.0_06 is required.

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

<http://jakarta.apache.org/tomcat/faq/memory.html>

http://nagoya.apache.org/bugzilla/show_bug.cgi?id=22151

http://nagoya.apache.org/bugzilla/show_bug.cgi?id=15266

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

Best Performance Configuration

System Design Strategies

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

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

<i>Product:</i>	ArcGIS Server - Java ADF 9.0.1
<i>Platform:</i>	HP
<i>Operating System:</i>	HP-UX 11.i (32 bit or 64 bit) PA RISC
<i>Shipping/Release Date:</i>	January 10, 2005
<i>Web Server or Application Server:</i>	ServletExec AS
<i>Web Server or Application Server Version:</i>	5.0 patch 2

Hardware Requirements

Memory/RAM:

128 MB minimum

256 MB or higher recommended

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space:

835 MB

Software Requirements

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

requirement:

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

Additional requirements:

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

- Web server
- Servlet engine

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

- J2EE compliant Application Server

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

Server Notes

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

Supported uses of the Java ADF are:

- webcontrols
- templates
- web service catalogs
- ArcGIS Server API

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

ArcGIS Server Java ADF supports ServletExec 5.0 with patch 2. See

http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94 for directions on determining the version and patch level of ServletExec you have installed.

ServletExec_5_0p02.zip is available from

ftp://ftp.newatlanta.com/public/servletexec/5_0/patches/.

Best Performance Configuration

System Design Strategies

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

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

<i>Product:</i>	ArcGIS Server - Java ADF 9.0.1
<i>Platform:</i>	HP
<i>Operating System:</i>	HP-UX 11.i (32 bit or 64 bit) PA RISC
<i>Shipping/Release Date:</i>	January 10, 2005
<i>Web Server or Application Server:</i>	Sun Java System (Sun ONE) Application Server
<i>Web Server or Application Server Version:</i>	7.0

Hardware Requirements

Memory/RAM:

128 MB minimum

256 MB or higher recommended

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space:

835 MB

Software Requirements

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

requirement:

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

Additional requirements:

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

- Web server
- Servlet engine

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

- J2EE compliant Application Server

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

Server Notes

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

Supported uses of the Java ADF are:

- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

Best Performance Configuration

System Design Strategies

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

ArcGIS Server - Java ADF 9.0.1 with HP HP-UX 11.i (32 bit or 64 bit) PA RISC on Tomcat 4.1.29

<i>Product:</i>	ArcGIS Server - Java ADF 9.0.1
<i>Platform:</i>	HP
<i>Operating System:</i>	HP-UX 11.i (32 bit or 64 bit) PA RISC
<i>Shipping/Release Date:</i>	January 10, 2005
<i>Web Server or Application Server:</i>	Tomcat
<i>Web Server or Application Server Version:</i>	4.1.29

Hardware Requirements

Memory/RAM:

128 MB minimum

256 MB or higher recommended

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space:

835 MB

Software Requirements

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

requirement:

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

Additional requirements:

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

- Web server
- Servlet engine

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

- J2EE compliant Application Server

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

Server Notes

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

Supported uses of the Java ADF are:

- webcontrols
- templates
- web service catalogs
- ArcGIS Server API

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

Best Performance Configuration

System Design Strategies

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

Limitations

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

<http://jakarta.apache.org/tomcat/faq/memory.html>

http://nagoya.apache.org/bugzilla/show_bug.cgi?id=22151

http://nagoya.apache.org/bugzilla/show_bug.cgi?id=15266

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

ArcGIS Server - Java ADF 9.0.1 with HP HP-UX 11.i (32 bit or 64 bit) PA RISC on Tomcat 5.0.18

<i>Product:</i>	ArcGIS Server - Java ADF 9.0.1
<i>Platform:</i>	HP
<i>Operating System:</i>	HP-UX 11.i (32 bit or 64 bit) PA RISC
<i>Shipping/Release Date:</i>	January 10, 2005
<i>Web Server or Application Server:</i>	Tomcat
<i>Web Server or Application Server Version:</i>	5.0.18

Hardware Requirements

Memory/RAM:

128 MB minimum

256 MB or higher recommended

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space:

835 MB

Software Requirements

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

requirement:

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

Additional requirements:

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

- Web server
- Servlet engine

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

- J2EE compliant Application Server

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

Server Notes

Notes for Tomcat with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:

- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

Best Performance Configuration

System Design Strategies

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

Supported Web Servers and Application Servers for ArcGIS Server - Java ADF 9.0.1 on IBM AIX 5.1.0.0

Click on a server name to get more information.

Web Server or Application Server

Notes

Apache 2.0.46

ServletExec AS 5.0 patch 2

Tomcat 4.1.29

Limitations

Tomcat 5.0.18

ArcGIS Server - Java ADF 9.0.1 with IBM AIX 5.1.0.0 on Apache 2.0.46

<i>Product:</i>	ArcGIS Server - Java ADF 9.0.1
<i>Platform:</i>	IBM
<i>Operating System:</i>	AIX 5.1.0.0
<i>Shipping/Release Date:</i>	January 10, 2005
<i>Web Server or Application Server:</i>	Apache
<i>Web Server or Application Server Version:</i>	2.0.46

Hardware Requirements

Memory/RAM:

128 MB minimum

256 MB or higher recommended

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space:

730 MB

Software Requirements

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

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

Additional requirements:

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

- Web server
- Servlet engine

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

- J2EE compliant Application Server

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

Supported Servlet Engines

ServletExec AS 5.0 patch 2

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

Supported uses of the Java ADF are:

- webcontrols
- templates
- web service catalogs
- ArcGIS Server API

JDK 1.5.0_06 is required.

ArcGIS Server Java ADF supports ServletExec 5.0 with patch 2. See

http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94 for directions on determining the version and patch level of ServletExec you have installed.

ServletExec_5_0p02.zip is available from

ftp://ftp.newatlanta.com/public/servletexec/5_0/patches/.

Tomcat 4.1.29

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

Supported uses of the Java ADF are:

- webcontrols
- templates
- web service catalogs

- ArcGIS Server API

JDK 1.5.0_06 is required.

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

<http://jakarta.apache.org/tomcat/faq/memory.html>

http://nagoya.apache.org/bugzilla/show_bug.cgi?id=22151

http://nagoya.apache.org/bugzilla/show_bug.cgi?id=15266

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

Tomcat 5.0.18

Servlet Engine must be Servlet 2.3 and JSP 1.2 Compliant.

Best Performance Configuration

System Design Strategies

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

ArcGIS Server - Java ADF 9.0.1 with IBM AIX 5.1.0.0 on ServletExec AS 5.0 patch 2

<i>Product:</i>	ArcGIS Server - Java ADF 9.0.1
<i>Platform:</i>	IBM
<i>Operating System:</i>	AIX 5.1.0.0
<i>Shipping/Release Date:</i>	January 10, 2005
<i>Web Server or Application Server:</i>	ServletExec AS
<i>Web Server or Application Server Version:</i>	5.0 patch 2

Hardware Requirements

Memory/RAM:

128 MB minimum

256 MB or higher recommended

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space:

730 MB

Software Requirements

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

requirement:

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

Additional requirements:

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

- Web server
- Servlet engine

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

- J2EE compliant Application Server

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

Server Notes

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

Supported uses of the Java ADF are:

- webcontrols
- templates
- web service catalogs
- ArcGIS Server API

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

ArcGIS Server Java ADF supports ServletExec 5.0 with patch 2. See

http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94 for directions on determining the version and patch level of ServletExec you have installed.

ServletExec_5_0p02.zip is available from

ftp://ftp.newatlanta.com/public/servletexec/5_0/patches/.

Best Performance Configuration

System Design Strategies

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

ArcGIS Server - Java ADF 9.0.1 with IBM AIX 5.1.0.0 on Tomcat 4.1.29

<i>Product:</i>	ArcGIS Server - Java ADF 9.0.1
<i>Platform:</i>	IBM
<i>Operating System:</i>	AIX 5.1.0.0
<i>Shipping/Release Date:</i>	January 10, 2005
<i>Web Server or Application Server:</i>	Tomcat
<i>Web Server or Application Server Version:</i>	4.1.29

Hardware Requirements

Memory/RAM:

128 MB minimum

256 MB or higher recommended

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space:

730 MB

Software Requirements

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

requirement:

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

Additional requirements:

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

- Web server
- Servlet engine

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

- J2EE compliant Application Server

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

Server Notes

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

Supported uses of the Java ADF are:

- webcontrols
- templates
- web service catalogs
- ArcGIS Server API

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

Best Performance Configuration

System Design Strategies

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

Limitations

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

<http://jakarta.apache.org/tomcat/faq/memory.html>

http://nagoya.apache.org/bugzilla/show_bug.cgi?id=22151

http://nagoya.apache.org/bugzilla/show_bug.cgi?id=15266

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

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

<i>Product:</i>	ArcGIS Server - Java ADF 9.0.1
<i>Platform:</i>	IBM
<i>Operating System:</i>	AIX 5.1.0.0
<i>Shipping/Release Date:</i>	January 10, 2005
<i>Web Server or Application Server:</i>	Tomcat
<i>Web Server or Application Server Version:</i>	5.0.18

Hardware Requirements

Memory/RAM:

128 MB minimum

256 MB or higher recommended

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space:

730 MB

Software Requirements

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

requirement:

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

Additional requirements:

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

- Web server
- Servlet engine

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

- J2EE compliant Application Server

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

Server Notes

Notes for Tomcat with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:

- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

Best Performance Configuration

System Design Strategies

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

Supported Web Servers and Application Servers for ArcGIS Server - Java ADF 9.0.1 on IBM AIX 5.2.0.0

Click on a server name to get more information.

Web Server or Application Server

Notes

Apache 2.0.46

Tomcat 4.1.29

Limitations

Tomcat 5.0.18

ArcGIS Server - Java ADF 9.0.1 with IBM AIX 5.2.0.0 on Apache 2.0.46

<i>Product:</i>	ArcGIS Server - Java ADF 9.0.1
<i>Platform:</i>	IBM
<i>Operating System:</i>	AIX 5.2.0.0
<i>Shipping/Release Date:</i>	January 10, 2005
<i>Web Server or Application Server:</i>	Apache
<i>Web Server or Application Server Version:</i>	2.0.46

Hardware Requirements

Memory/RAM:

128 MB minimum

256 MB or higher recommended

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space:

730 MB

Software Requirements

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

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

Additional requirements:

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

- Web server
- Servlet engine

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

- J2EE compliant Application Server

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

Supported Servlet Engines

Tomcat 4.1.29

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

Supported uses of the Java ADF are:

- webcontrols
- templates
- web service catalogs
- ArcGIS Server API

JDK 1.5.0_06 is required.

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

<http://jakarta.apache.org/tomcat/faq/memory.html>

http://nagoya.apache.org/bugzilla/show_bug.cgi?id=22151

http://nagoya.apache.org/bugzilla/show_bug.cgi?id=15266

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

Tomcat 5.0.18

Servlet Engine must be Servlet 2.3 and JSP 1.2 Compliant.

Best Performance Configuration

System Design Strategies

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

ArcGIS Server - Java ADF 9.0.1 with IBM AIX 5.2.0.0 on Tomcat 4.1.29

<i>Product:</i>	ArcGIS Server - Java ADF 9.0.1
<i>Platform:</i>	IBM
<i>Operating System:</i>	AIX 5.2.0.0
<i>Shipping/Release Date:</i>	January 10, 2005
<i>Web Server or Application Server:</i>	Tomcat
<i>Web Server or Application Server Version:</i>	4.1.29

Hardware Requirements

Memory/RAM:

128 MB minimum

256 MB or higher recommended

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space:

730 MB

Software Requirements

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

requirement:

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

Additional requirements:

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

- Web server
- Servlet engine

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

- J2EE compliant Application Server

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

Server Notes

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

Supported uses of the Java ADF are:

- webcontrols
- templates
- web service catalogs
- ArcGIS Server API

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

Best Performance Configuration

System Design Strategies

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

Limitations

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

<http://jakarta.apache.org/tomcat/faq/memory.html>

http://nagoya.apache.org/bugzilla/show_bug.cgi?id=22151

http://nagoya.apache.org/bugzilla/show_bug.cgi?id=15266

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

ArcGIS Server - Java ADF 9.0.1 with IBM AIX 5.2.0.0 on Tomcat 5.0.18

<i>Product:</i>	ArcGIS Server - Java ADF 9.0.1
<i>Platform:</i>	IBM
<i>Operating System:</i>	AIX 5.2.0.0
<i>Shipping/Release Date:</i>	January 10, 2005
<i>Web Server or Application Server:</i>	Tomcat
<i>Web Server or Application Server Version:</i>	5.0.18

Hardware Requirements

Memory/RAM:

128 MB minimum

256 MB or higher recommended

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space:

730 MB

Software Requirements

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

requirement:

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

Additional requirements:

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

- Web server
- Servlet engine

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

- J2EE compliant Application Server

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

Server Notes

Notes for Tomcat with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:

- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

Best Performance Configuration

System Design Strategies

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

Supported Web Servers and Application Servers for ArcGIS Server - Java ADF 9.0.1 on Linux-Intel Red Hat Enterprise Linux AS/ES 3.0

Click on a server name to get more information.

Web Server or Application Server

Notes

Apache 2.0.46

ServletExec AS 5.0 patch 2

Sun Java System (Sun ONE) Application Server 7

Tomcat 4.1.29

Limitations

Tomcat 5.0.18

ArcGIS Server - Java ADF 9.0.1 with Linux-Intel Red Hat Enterprise Linux AS/ES 3.0 on Apache 2.0.46

<i>Product:</i>	ArcGIS Server - Java ADF 9.0.1
<i>Platform:</i>	Linux-Intel
<i>Operating System:</i>	Red Hat Enterprise Linux AS/ES 3.0
<i>Service Packs/Patches:</i>	Update 2
<i>Shipping/Release Date:</i>	January 10, 2005
<i>Web Server or Application Server:</i>	Apache
<i>Web Server or Application Server Version:</i>	2.0.46

Hardware Requirements

CPU Speed:

512 MB minimum - 1 GB recommended or higher

Memory/RAM:

128 MB minimum, 256 MB recommended or higher

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space:

780 MB

Architecture:

x86 architecture (32-bit)

Notes:

OPERATING SYSTEM REQUIREMENTS

JavaADF is only supported on Linux x86, on CPUs that adhere to the x86 architecture (32-bit), with supported Linux releases.

It is a requirement that the OS (binary) has not been modified. ESRI does not provide any

support if products are installed on Developer's Release of an Operating System.

The linux patches from RHEL AS/ES will be supported as long as the patches are supported by the webserver and they are from Red Hat without any modification to the latest kernel/glibc version.

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

Base Development package

Base Legacy Software Development package

Software Requirements

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

requirement:

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

Additional requirements:

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

- Web server
- Servlet engine

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

- J2EE compliant Application Server

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

Supported Servlet Engines

ServletExec AS 5.0 patch 2

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

Supported uses of the Java ADF are:

- webcontrols
- templates
- web service catalogs
- ArcGIS Server API

JDK 1.5.0_06 is required.

ArcGIS Server Java ADF supports ServletExec 5.0 with patch 2. See

http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94 for directions on determining the version and patch level of ServletExec you have installed. ServletExec_5_0p02.zip is available from ftp://ftp.newatlanta.com/public/servletexec/5_0/patches/.

Tomcat 4.1.29

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

Supported uses of the Java ADF are:

- webcontrols
- templates
- web service catalogs
- ArcGIS Server API

JDK 1.5.0_06 is required.

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

<http://jakarta.apache.org/tomcat/faq/memory.html>

http://nagoya.apache.org/bugzilla/show_bug.cgi?id=22151

http://nagoya.apache.org/bugzilla/show_bug.cgi?id=15266

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

Tomcat 5.0.18

Servlet Engine must be Servlet 2.3 and JSP 1.2 Compliant.

Best Performance Configuration

System Design Strategies

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

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

<i>Product:</i>	ArcGIS Server - Java ADF 9.0.1
<i>Platform:</i>	Linux-Intel
<i>Operating System:</i>	Red Hat Enterprise Linux AS/ES 3.0
<i>Service Packs/Patches:</i>	Update 2
<i>Shipping/Release Date:</i>	January 10, 2005
<i>Web Server or Application Server:</i>	ServletExec AS
<i>Web Server or Application Server Version:</i>	5.0 patch 2

Hardware Requirements

CPU Speed:

512 MB minimum - 1 GB recommended or higher

Memory/RAM:

128 MB minimum, 256 MB recommended or higher

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space:

780 MB

Architecture:

x86 architecture (32-bit)

Notes:

OPERATING SYSTEM REQUIREMENTS

JavaADF is only supported on Linux x86, on CPUs that adhere to the x86 architecture (32-bit), with supported Linux releases.

It is a requirement that the OS (binary) has not been modified. ESRI does not provide any

support if products are installed on Developer's Release of an Operating System.

The linux patches from RHEL AS/ES will be supported as long as the patches are supported by the web servers and they are from Red Hat without any modification to the latest kernel/glibc version.

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

Base Development package

Base Legacy Software Development package

Software Requirements

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

requirement:

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

Additional requirements:

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

- Web server
- Servlet engine

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

- J2EE compliant Application Server

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

Server Notes

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

Supported uses of the Java ADF are:

- webcontrols
- templates
- web service catalogs
- ArcGIS Server API

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

ArcGIS Server Java ADF supports ServletExec 5.0 with patch 2. See http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94 for directions on determining the version and patch level of ServletExec you have installed. ServletExec_5_0p02.zip is available from ftp://ftp.newatlanta.com/public/servletexec/5_0/patches/.

Best Performance Configuration

System Design Strategies

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

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

<i>Product:</i>	ArcGIS Server - Java ADF 9.0.1
<i>Platform:</i>	Linux-Intel
<i>Operating System:</i>	Red Hat Enterprise Linux AS/ES 3.0
<i>Service Packs/Patches:</i>	Update 2
<i>Shipping/Release Date:</i>	January 10, 2005
<i>Web Server or Application Server:</i>	Sun Java System (Sun ONE) Application Server
<i>Web Server or Application Server Version:</i>	7

Hardware Requirements

CPU Speed:

512 MB minimum - 1 GB recommended or higher

Memory/RAM:

128 MB minimum, 256 MB recommended or higher

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space:

780 MB

Architecture:

x86 architecture (32-bit)

Notes:

OPERATING SYSTEM REQUIREMENTS

JavaADF is only supported on Linux x86, on CPUs that adhere to the x86 architecture (32-bit), with supported Linux releases.

It is a requirement that the OS (binary) has not been modified. ESRI does not provide any support if products are installed on Developer's Release of an Operating System.

The linux patches from RHEL AS/ES will be supported as long as the patches are supported by the web servers and they are from Red Hat without any modification to the latest kernel/glibc version.

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

Base Development package

Base Legacy Software Development package

Software Requirements

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

requirement:

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

Additional requirements:

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

- Web server
- Servlet engine

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

- J2EE compliant Application Server

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

Server Notes

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

Supported uses of the Java ADF are:

- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

Best Performance Configuration

System Design Strategies

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

ArcGIS Server - Java ADF 9.0.1 with Linux-Intel Red Hat Enterprise Linux AS/ES 3.0 on Tomcat 4.1.29

<i>Product:</i>	ArcGIS Server - Java ADF 9.0.1
<i>Platform:</i>	Linux-Intel
<i>Operating System:</i>	Red Hat Enterprise Linux AS/ES 3.0
<i>Service Packs/Patches:</i>	Update 2
<i>Shipping/Release Date:</i>	January 10, 2005
<i>Web Server or Application Server:</i>	Tomcat
<i>Web Server or Application Server Version:</i>	4.1.29

Hardware Requirements

CPU Speed:

512 MB minimum - 1 GB recommended or higher

Memory/RAM:

128 MB minimum, 256 MB recommended or higher

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space:

780 MB

Architecture:

x86 architecture (32-bit)

Notes:

OPERATING SYSTEM REQUIREMENTS

JavaADF is only supported on Linux x86, on CPUs that adhere to the x86 architecture (32-bit), with supported Linux releases.

It is a requirement that the OS (binary) has not been modified. ESRI does not provide any

support if products are installed on Developer's Release of an Operating System.

The linux patches from RHEL AS/ES will be supported as long as the patches are supported by the webserver and they are from Red Hat without any modification to the latest kernel/glibc version.

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

Base Development package

Base Legacy Software Development package

Software Requirements

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

requirement:

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

Additional requirements:

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

- Web server
- Servlet engine

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

- J2EE compliant Application Server

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

Server Notes

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

Supported uses of the Java ADF are:

- webcontrols
- templates
- web service catalogs
- ArcGIS Server API

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

Best Performance Configuration

System Design Strategies

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

Limitations

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

<http://jakarta.apache.org/tomcat/faq/memory.html>

http://nagoya.apache.org/bugzilla/show_bug.cgi?id=22151

http://nagoya.apache.org/bugzilla/show_bug.cgi?id=15266

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

ArcGIS Server - Java ADF 9.0.1 with Linux-Intel Red Hat Enterprise Linux AS/ES 3.0 on Tomcat 5.0.18

<i>Product:</i>	ArcGIS Server - Java ADF 9.0.1
<i>Platform:</i>	Linux-Intel
<i>Operating System:</i>	Red Hat Enterprise Linux AS/ES 3.0
<i>Service Packs/Patches:</i>	Update 2
<i>Shipping/Release Date:</i>	January 10, 2005
<i>Web Server or Application Server:</i>	Tomcat
<i>Web Server or Application Server Version:</i>	5.0.18

Hardware Requirements

CPU Speed:

512 MB minimum - 1 GB recommended or higher

Memory/RAM:

128 MB minimum, 256 MB recommended or higher

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space:

780 MB

Architecture:

x86 architecture (32-bit)

Notes:

OPERATING SYSTEM REQUIREMENTS

JavaADF is only supported on Linux x86, on CPUs that adhere to the x86 architecture (32-bit), with supported Linux releases.

It is a requirement that the OS (binary) has not been modified. ESRI does not provide any

support if products are installed on Developer's Release of an Operating System.

The linux patches from RHEL AS/ES will be supported as long as the patches are supported by the web servers and they are from Red Hat without any modification to the latest kernel/glibc version.

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

Base Development package

Base Legacy Software Development package

Software Requirements

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

requirement:

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

Additional requirements:

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

- Web server
- Servlet engine

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

- J2EE compliant Application Server

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

Server Notes

Notes for Tomcat with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:

- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

Best Performance Configuration

System Design Strategies

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

Supported Web Servers and Application Servers for ArcGIS Server - Java ADF 9.0.1 on Linux-Intel SUSE Linux Enterprise Server 9

Click on a server name to get more information.

Web Server or Application Server

Notes

Apache 2.0.46

Tomcat 5.0.18

ArcGIS Server - Java ADF 9.0.1 with Linux-Intel SUSE Linux Enterprise Server 9 on Apache 2.0.46

<i>Product:</i>	ArcGIS Server - Java ADF 9.0.1
<i>Platform:</i>	Linux-Intel
<i>Operating System:</i>	SUSE Linux Enterprise Server 9
<i>Shipping/Release Date:</i>	January 10, 2005
<i>Web Server or Application Server:</i>	Apache
<i>Web Server or Application Server Version:</i>	2.0.46

Hardware Requirements

CPU Speed:

512 MB minimum - 1 GB recommended or higher

Memory/RAM:

128 MB minimum, 256 MB or higher recommended

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space:

780 MB

Architecture:

x86 architecture (32-bit)

Notes:

OPERATING SYSTEM REQUIREMENTS

JavaADF is only supported on Linux x86, on CPUs that adhere to the x86 architecture (32-bit), with supported Linux releases.

It is a requirement that the OS (binary) has not been modified. ESRI does not provide any support if products are installed on Developer's Release of an Operating System.

The linux patches from SUSE Linux will be supported as long as the patches are supported by the web servers and they are from SUSE Linux without any modification to the latest kernel/glibc version.

Software Requirements

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

requirement:

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

Additional requirements:

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

- Web server
- Servlet engine

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

- J2EE compliant Application Server

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

Supported Servlet Engines

Tomcat 5.0.18

Servlet Engine must be Servlet 2.3 and JSP 1.2 Compliant.

Best Performance Configuration

System Design Strategies

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

ArcGIS Server - Java ADF 9.0.1 with Linux-Intel SUSE Linux Enterprise Server 9 on Tomcat 5.0.18

<i>Product:</i>	ArcGIS Server - Java ADF 9.0.1
<i>Platform:</i>	Linux-Intel
<i>Operating System:</i>	SUSE Linux Enterprise Server 9
<i>Shipping/Release Date:</i>	January 10, 2005
<i>Web Server or Application Server:</i>	Tomcat
<i>Web Server or Application Server Version:</i>	5.0.18

Hardware Requirements

CPU Speed:

512 MB minimum - 1 GB recommended or higher

Memory/RAM:

128 MB minimum, 256 MB or higher recommended

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space:

780 MB

Architecture:

x86 architecture (32-bit)

Notes:

OPERATING SYSTEM REQUIREMENTS

JavaADF is only supported on Linux x86, on CPUs that adhere to the x86 architecture (32-bit), with supported Linux releases.

It is a requirement that the OS (binary) has not been modified. ESRI does not provide any support if products are installed on Developer's Release of an Operating System.

The linux patches from SUSE Linux will be supported as long as the patches are supported by the web servers and they are from SUSE Linux without any modification to the latest kernel/glibc version.

Software Requirements

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

requirement:

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

Additional requirements:

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

- Web server
- Servlet engine

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

- J2EE compliant Application Server

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

Server Notes

Notes for Tomcat with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:

- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

Best Performance Configuration

System Design Strategies

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

Supported Web Servers and Application Servers for ArcGIS Server - Java ADF 9.0.1 on Sun Solaris 8 (SPARC)

Click on a server name to get more information.

Web Server or Application Server

Notes

Apache 2.0.46

ServletExec AS 5.0 patch 2

Sun Java System (Sun ONE) Application Server 7.0

The J2EE Reference Implementation 1.3

Tomcat 4.1.29

Limitations

Tomcat 5.0.18

WebLogic 8.1 SP4

ArcGIS Server - Java ADF 9.0.1 with Sun Solaris 8 (SPARC) on Apache 2.0.46

<i>Product:</i>	ArcGIS Server - Java ADF 9.0.1
<i>Platform:</i>	Sun
<i>Operating System:</i>	Solaris 8 (SPARC)
<i>Shipping/Release Date:</i>	January 10, 2005
<i>Web Server or Application Server:</i>	Apache
<i>Web Server or Application Server Version:</i>	2.0.46

Hardware Requirements

Memory/RAM:

128 MB minimum, 256 MB or higher recommended

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space:

750 MB

Software Requirements

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

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

Additional requirements:

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

- Web server
- Servlet engine

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

- J2EE compliant Application Server

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

Supported Servlet Engines

ServletExec AS 5.0 patch 2

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

Supported uses of the Java ADF are:

- webcontrols
- templates
- web service catalogs
- ArcGIS Server API

JDK 1.5.0_06 is required.

ArcGIS Server Java ADF supports ServletExec 5.0 with patch 2. See

http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94 for directions on determining the version and patch level of ServletExec you have installed.

ServletExec_5_0p02.zip is available from

ftp://ftp.newatlanta.com/public/servletexec/5_0/patches/.

Tomcat 4.1.29

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

Supported uses of the Java ADF are:

- webcontrols
- templates
- web service catalogs
- ArcGIS Server API

JDK 1.5.0_06 is required.

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

<http://jakarta.apache.org/tomcat/faq/memory.html>

http://nagoya.apache.org/bugzilla/show_bug.cgi?id=22151

http://nagoya.apache.org/bugzilla/show_bug.cgi?id=15266

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

Tomcat 5.0.18

Servlet Engine must be Servlet 2.3 and JSP 1.2 Compliant.

Best Performance Configuration

System Design Strategies

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

ArcGIS Server - Java ADF 9.0.1 with Sun Solaris 8 (SPARC) on ServletExec AS 5.0 patch 2

<i>Product:</i>	ArcGIS Server - Java ADF 9.0.1
<i>Platform:</i>	Sun
<i>Operating System:</i>	Solaris 8 (SPARC)
<i>Shipping/Release Date:</i>	January 10, 2005
<i>Web Server or Application Server:</i>	ServletExec AS
<i>Web Server or Application Server Version:</i>	5.0 patch 2

Hardware Requirements

Memory/RAM:

128 MB minimum, 256 MB or higher recommended

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space:

750 MB

Software Requirements

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

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

Additional requirements:

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

- Web server
- Servlet engine

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

- J2EE compliant Application Server

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

Server Notes

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

Supported uses of the Java ADF are:

- webcontrols
- templates
- web service catalogs
- ArcGIS Server API

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

ArcGIS Server Java ADF supports ServletExec 5.0 with patch 2. See

http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94 for directions on determining the version and patch level of ServletExec you have installed.

ServletExec_5_0p02.zip is available from

ftp://ftp.newatlanta.com/public/servletexec/5_0/patches/.

Best Performance Configuration

System Design Strategies

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

ArcGIS Server - Java ADF 9.0.1 with Sun Solaris 8 (SPARC) on Sun Java System (Sun ONE) Application Server 7.0

<i>Product:</i>	ArcGIS Server - Java ADF 9.0.1
<i>Platform:</i>	Sun
<i>Operating System:</i>	Solaris 8 (SPARC)
<i>Shipping/Release Date:</i>	January 10, 2005
<i>Web Server or Application Server:</i>	Sun Java System (Sun ONE) Application Server
<i>Web Server or Application Server Version:</i>	7.0

Hardware Requirements

Memory/RAM:

128 MB minimum, 256 MB or higher recommended

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space:

750 MB

Software Requirements

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

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

Additional requirements:

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

- Web server
- Servlet engine

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

- J2EE compliant Application Server

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

Server Notes

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

Supported uses of the Java ADF are:

- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

Best Performance Configuration

System Design Strategies

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

ArcGIS Server - Java ADF 9.0.1 with Sun Solaris 8 (SPARC) on The J2EE Reference Implementation 1.3

<i>Product:</i>	ArcGIS Server - Java ADF 9.0.1
<i>Platform:</i>	Sun
<i>Operating System:</i>	Solaris 8 (SPARC)
<i>Shipping/Release Date:</i>	January 10, 2005
<i>Web Server or Application Server:</i>	The J2EE Reference Implementation
<i>Web Server or Application Server Version:</i>	1.3

Hardware Requirements

Memory/RAM:

128 MB minimum, 256 MB or higher recommended

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space:

750 MB

Software Requirements

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

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

Additional requirements:

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

- Web server
- Servlet engine

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

- J2EE compliant Application Server

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

Server Notes

Notes for The J2EE RI with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:

- JCA resource adapter

Best Performance Configuration

System Design Strategies

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

ArcGIS Server - Java ADF 9.0.1 with Sun Solaris 8 (SPARC) on Tomcat 4.1.29

<i>Product:</i>	ArcGIS Server - Java ADF 9.0.1
<i>Platform:</i>	Sun
<i>Operating System:</i>	Solaris 8 (SPARC)
<i>Shipping/Release Date:</i>	January 10, 2005
<i>Web Server or Application Server:</i>	Tomcat
<i>Web Server or Application Server Version:</i>	4.1.29

Hardware Requirements

Memory/RAM:

128 MB minimum, 256 MB or higher recommended

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space:

750 MB

Software Requirements

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

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

Additional requirements:

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

- Web server
- Servlet engine

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

- J2EE compliant Application Server

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

Server Notes

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

Supported uses of the Java ADF are:

- webcontrols
- templates
- web service catalogs
- ArcGIS Server API

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

Best Performance Configuration

System Design Strategies

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

Limitations

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

<http://jakarta.apache.org/tomcat/faq/memory.html>

http://nagoya.apache.org/bugzilla/show_bug.cgi?id=22151

http://nagoya.apache.org/bugzilla/show_bug.cgi?id=15266

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

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

<i>Product:</i>	ArcGIS Server - Java ADF 9.0.1
<i>Platform:</i>	Sun
<i>Operating System:</i>	Solaris 8 (SPARC)
<i>Shipping/Release Date:</i>	January 10, 2005
<i>Web Server or Application Server:</i>	Tomcat
<i>Web Server or Application Server Version:</i>	5.0.18

Hardware Requirements

Memory/RAM:

128 MB minimum, 256 MB or higher recommended

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space:

750 MB

Software Requirements

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

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

Additional requirements:

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

- Web server
- Servlet engine

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

- J2EE compliant Application Server

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

Server Notes

Notes for Tomcat with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:

- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

Best Performance Configuration

System Design Strategies

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

ArcGIS Server - Java ADF 9.0.1 with Sun Solaris 8 (SPARC) on WebLogic 8.1 SP4

<i>Product:</i>	ArcGIS Server - Java ADF 9.0.1
<i>Platform:</i>	Sun
<i>Operating System:</i>	Solaris 8 (SPARC)
<i>Shipping/Release Date:</i>	January 10, 2005
<i>Web Server or Application Server:</i>	WebLogic
<i>Web Server or Application Server Version:</i>	8.1 SP4

Hardware Requirements

Memory/RAM:

128 MB minimum, 256 MB or higher recommended

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space:

750 MB

Software Requirements

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

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

Additional requirements:

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

- Web server
- Servlet engine

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

- J2EE compliant Application Server

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

Server Notes

Notes for WebLogic with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:

- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

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

Best Performance Configuration

System Design Strategies

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

Supported Web Servers and Application Servers for ArcGIS Server - Java ADF 9.0.1 on Sun Solaris 9 (SPARC)

Click on a server name to get more information.

Web Server or Application Server

Notes

Apache 2.0.46

ServletExec AS 5.0 patch 2

Sun Java System (Sun ONE) Application Server 7.0

The J2EE Reference Implementation 1.3

Tomcat 4.1.29

Limitations

Tomcat 5.0.18

WebLogic 8.1 SP4

ArcGIS Server - Java ADF 9.0.1 with Sun Solaris 9 (SPARC) on Apache 2.0.46

<i>Product:</i>	ArcGIS Server - Java ADF 9.0.1
<i>Platform:</i>	Sun
<i>Operating System:</i>	Solaris 9 (SPARC)
<i>Shipping/Release Date:</i>	January 10, 2005
<i>Web Server or Application Server:</i>	Apache
<i>Web Server or Application Server Version:</i>	2.0.46

Hardware Requirements

CPU Speed:

1.0 GHz recommended or higher

Memory/RAM:

128 MB minimum, 256 MB or higher recommended

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space:

750 MB

Disk Space Requirements:

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

Software Requirements

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

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

Additional requirements:

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

- Web server
- Servlet engine

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

- J2EE compliant Application Server

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

Supported Servlet Engines

ServletExec AS 5.0 patch 2

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

Supported uses of the Java ADF are:

- webcontrols
- templates
- web service catalogs
- ArcGIS Server API

JDK 1.5.0_06 is required.

ArcGIS Server Java ADF supports ServletExec 5.0 with patch 2. See

http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94 for directions on determining the version and patch level of ServletExec you have installed.

ServletExec_5_0p02.zip is available from

ftp://ftp.newatlanta.com/public/servletexec/5_0/patches/.

Tomcat 4.1.29

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

Supported uses of the Java ADF are:

- webcontrols
- templates
- web service catalogs
- ArcGIS Server API

JDK 1.5.0_06 is required.

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

<http://jakarta.apache.org/tomcat/faq/memory.html>

http://nagoya.apache.org/bugzilla/show_bug.cgi?id=22151

http://nagoya.apache.org/bugzilla/show_bug.cgi?id=15266

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

Tomcat 5.0.18

Servlet Engine must be Servlet 2.3 and JSP 1.2 Compliant.

Best Performance Configuration

System Design Strategies

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

ArcGIS Server - Java ADF 9.0.1 with Sun Solaris 9 (SPARC) on ServletExec AS 5.0 patch 2

<i>Product:</i>	ArcGIS Server - Java ADF 9.0.1
<i>Platform:</i>	Sun
<i>Operating System:</i>	Solaris 9 (SPARC)
<i>Shipping/Release Date:</i>	January 10, 2005
<i>Web Server or Application Server:</i>	ServletExec AS
<i>Web Server or Application Server Version:</i>	5.0 patch 2

Hardware Requirements

CPU Speed:

1.0 GHz recommended or higher

Memory/RAM:

128 MB minimum, 256 MB or higher recommended

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space:

750 MB

Disk Space Requirements:

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

Software Requirements

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

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

Additional requirements:

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

- Web server
- Servlet engine

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

- J2EE compliant Application Server

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

Server Notes

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

Supported uses of the Java ADF are:

- webcontrols
- templates
- web service catalogs
- ArcGIS Server API

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

ArcGIS Server Java ADF supports ServletExec 5.0 with patch 2. See

http://www.newatlanta.com/biz/c/products/servletexec/self_help/faq/detail?faqId=94 for directions on determining the version and patch level of ServletExec you have installed.

ServletExec_5_0p02.zip is available from

ftp://ftp.newatlanta.com/public/servletexec/5_0/patches/.

Best Performance Configuration

System Design Strategies

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

ArcGIS Server - Java ADF 9.0.1 with Sun Solaris 9 (SPARC) on Sun Java System (Sun ONE) Application Server 7.0

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

Hardware Requirements

CPU Speed:

1.0 GHz recommended or higher

Memory/RAM:

128 MB minimum, 256 MB or higher recommended

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space:

750 MB

Disk Space Requirements:

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

Software Requirements

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

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

Additional requirements:

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

- Web server
- Servlet engine

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

- J2EE compliant Application Server

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

Server Notes

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

Supported uses of the Java ADF are:

- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

Best Performance Configuration

System Design Strategies

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

ArcGIS Server - Java ADF 9.0.1 with Sun Solaris 9 (SPARC) on the J2EE Reference Implementation 1.3

<i>Product:</i>	ArcGIS Server - Java ADF 9.0.1
<i>Platform:</i>	Sun
<i>Operating System:</i>	Solaris 9 (SPARC)
<i>Shipping/Release Date:</i>	January 10, 2005
<i>Web Server or Application Server:</i>	The J2EE Reference Implementation
<i>Web Server or Application Server Version:</i>	1.3

Hardware Requirements

CPU Speed:

1.0 GHz recommended or higher

Memory/RAM:

128 MB minimum, 256 MB or higher recommended

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space:

750 MB

Disk Space Requirements:

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

Software Requirements

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

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

Additional requirements:

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

- Web server
- Servlet engine

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

- J2EE compliant Application Server

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

Server Notes

Notes for The J2EE RI with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:

- JCA resource adapter

Best Performance Configuration

System Design Strategies

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

ArcGIS Server - Java ADF 9.0.1 with Sun Solaris 9 (SPARC) on Tomcat 4.1.29

<i>Product:</i>	ArcGIS Server - Java ADF 9.0.1
<i>Platform:</i>	Sun
<i>Operating System:</i>	Solaris 9 (SPARC)
<i>Shipping/Release Date:</i>	January 10, 2005
<i>Web Server or Application Server:</i>	Tomcat
<i>Web Server or Application Server Version:</i>	4.1.29

Hardware Requirements

CPU Speed:

1.0 GHz recommended or higher

Memory/RAM:

128 MB minimum, 256 MB or higher recommended

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space:

750 MB

Disk Space Requirements:

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

Software Requirements

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

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

Additional requirements:

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

- Web server
- Servlet engine

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

- J2EE compliant Application Server

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

Server Notes

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

Supported uses of the Java ADF are:

- webcontrols
- templates
- web service catalogs
- ArcGIS Server API

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

Best Performance Configuration

System Design Strategies

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

Limitations

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

<http://jakarta.apache.org/tomcat/faq/memory.html>

http://nagoya.apache.org/bugzilla/show_bug.cgi?id=22151

http://nagoya.apache.org/bugzilla/show_bug.cgi?id=15266

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

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

<i>Product:</i>	ArcGIS Server - Java ADF 9.0.1
<i>Platform:</i>	Sun
<i>Operating System:</i>	Solaris 9 (SPARC)
<i>Shipping/Release Date:</i>	January 10, 2005
<i>Web Server or Application Server:</i>	Tomcat
<i>Web Server or Application Server Version:</i>	5.0.18

Hardware Requirements

CPU Speed:

1.0 GHz recommended or higher

Memory/RAM:

128 MB minimum, 256 MB or higher recommended

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space:

750 MB

Disk Space Requirements:

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

Software Requirements

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

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

Additional requirements:

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

- Web server
- Servlet engine

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

- J2EE compliant Application Server

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

Server Notes

Notes for Tomcat with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:

- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

Best Performance Configuration

System Design Strategies

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

ArcGIS Server - Java ADF 9.0.1 with Sun Solaris 9 (SPARC) on WebLogic 8.1 SP4

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

Hardware Requirements

CPU Speed:

1.0 GHz recommended or higher

Memory/RAM:

128 MB minimum, 256 MB or higher recommended

Display Properties:

24 bit color depth

Screen Resolution:

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

Disk Space:

750 MB

Disk Space Requirements:

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

Software Requirements

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

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

Additional requirements:

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

- Web server
- Servlet engine

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

- J2EE compliant Application Server

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

Server Notes

Notes for WebLogic with ArcGIS Server Java ADF:

Supported uses of the Java ADF are:

- webcontrols
- templates
- ArcGIS Server API

A servlet engine is not required.

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

Best Performance Configuration

System Design Strategies

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

Supported web browsers for ArcGIS Server - Java ADF

- **Mozilla 1.4**

- Sun Solaris 8 (SPARC)
- Sun Solaris 9 (SPARC)

- **Mozilla 1.5**

- HP HP-UX 11.i (32 bit or 64 bit) PA RISC
- IBM AIX 5.1.0.0
- IBM AIX 5.2.0.0
- Linux-Intel Red Hat Enterprise Linux AS/ES 3.0
- Sun Solaris 8 (SPARC)
- Sun Solaris 9 (SPARC)

- **Mozilla 1.7.2**

- Sun Solaris 8 (SPARC)
- Sun Solaris 9 (SPARC)

- **Netscape Communicator 6.2 or higher**

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

- **Netscape Communicator 7**

- Sun Solaris 8 (SPARC)
- Sun Solaris 9 (SPARC)