

Platform Guide

SA Supported Platforms

Service Package Version 6.2



Juniper Networks, Inc.
1194 North Mathilda Avenue
Sunnyvale, CA 94089 USA
408 745 2000 or 888 JUNIPER
www.juniper.net

September 29, 2008

Contents

Introduction	1
SA Hardware Requirements	1
Functionality Tested	1
Platform Support	2
Qualified Platform	2
Compatible Platform	2
Multiple Language Support	2
Web and File Browsing	3
Client-side Java Applets	4
Secure Terminal Access	5
Java-Secure Application Manager (J-SAM)	6
Windows version of Secure Application Manager (W-SAM)	7
Network Connect	8
Host Checker	9
Secure Virtual Workspace	10
Cache Cleaner	10
Terminal Services	11
Juniper Installer Service	13
Secure Meeting	14
Administrator User Interface (Web Console)	15
Mobile Devices	15
Web browsing	16
File browsing	16
Windows Secure Application Manager for Window Mobile	17

Introduction

The SA Platform uses Web and security technologies, giving users ubiquitous remote access to corporate resources using a Web browser. This document describes the platforms (operating system/browser combinations) that have been qualified for use with the SA.

SA Hardware Requirements

Service Package Version 6.2 is supported on the following SA platforms:

Juniper Networks Secure Access 700

Juniper Networks Secure Access 2000

Juniper Networks Secure Access 2500

Juniper Networks Secure Access 4000

Juniper Networks Secure Access 4000-FIPS

Juniper Networks Secure Access 4500

Juniper Networks Secure Access 6000

Juniper Networks Secure Access 6000-FIPS

Juniper Networks Secure Access 6000 Service Provider

Juniper Networks Secure Access 6500

Functionality Tested

The SA Platform supports the following functionalities.

- Web browsing for HTML/JavaScript content
- File browsing
- Client-side Java applets, including Citrix, Hob, VNC, and WRQ
- Secure Terminal Access, including Telnet and SSH
- Secure Application Manager (W-SAM and J-SAM), which provides support for client/server applications such as Citrix, Microsoft Terminal Services, Microsoft Exchange MAPI, and Lotus Notes
- Network Connect, enables secure network access into defined enterprise resources.
- Secure Meeting, enables cross-platform secure on-line meetings.
- Host Checker, evaluates the endpoint for a broad range of security constraints, and appropriately enforces dynamic access policies before and during the authenticated session.
- Cache Cleaner, ensures that all residuals left behind during an authenticated SA session will be cleaned up periodically during and after the authenticated SA session.
- Terminal Services, enables a terminal emulation session on a Windows server or a Citrix Presentation Server.
- Mobile Devices

Platform Support

Juniper Networks tests the aforementioned functionalities of the SA Platform on most widely used corporate and consumer platforms to qualify each platform as either qualified or compatible.

The platforms in this list are divided into two categories: compatible and qualified. The complete list of platforms/browsers in the document is supported. If problems are encountered on either a qualified or a compatible platform then Juniper support will attempt to resolve the issue.

Qualified Platform

The platforms listed in the “qualified” category have been systematically tested by QA department as part of the release covered by the Supported Platforms document.

Compatible Platform

The platforms listed in the “compatible” category have not been systematically tested by our QA department in this release but based on testing in previous releases and knowledge of the platform Juniper expects that the functionality will work and will fully support these platforms.

Multiple Language Support

All the end-user functionality has been localized in German, French, Japanese, Traditional Chinese, Simplified Chinese, Spanish, and Korean. The administrator user interface is supported in English only.

Web and File Browsing

Qualified platforms:

Platform	Operating System : list of browsers and Java Environment
Windows	<ul style="list-style-type: none"> XP Professional SP2 32 bit: Internet Explorer 6.0, Internet Explorer 7.0 and Firefox 2.0.Sun JRE 6 Vista Enterprise 32 bit: Internet Explorer 7.0 and Firefox 2.0.Sun JRE 6 Vista Enterprise 64 bit: Internet Explorer 7.0 and Firefox 2.0.Sun JRE 6 Vista Enterprise SP1 32 bit: Internet Explorer 7.0 and Firefox 2.0.Sun JRE 6 Vista Enterprise SP1 64 bit: Internet Explorer 7.0 and Firefox 2.0.Sun JRE 6
Mac	<ul style="list-style-type: none"> Mac OS X 10.5.0: Safari 3.0.Sun JRE 6 Mac OS X 10.4.3: Safari 2.0. Sun JRE 5 Mac OS X 10.3.2: Safari 1.1. Sun JRE 5
Linux	<ul style="list-style-type: none"> OpenSuse 10.3: Firefox 2.0.Sun JRE 6 Ubuntu 7.10: Firefox 2.0.Sun JRE 6

Compatible platforms:

Platform	Operating System	Browsers and Java Environment
Windows	<ul style="list-style-type: none"> Vista Ultimate No SP and SP1, 32 bit and 64 bit Vista Business No SP and SP1, 32 bit and 64 bit Vista Home Basic No SP and SP1, 32 bit and 64 bit Vista Home Premium No SP and SP1, 32 bit and 64 bit XP Professional SP3 32 bit XP Professional SP2 64 bit 2000 Professional SP4 XP Home Edition SP2 XP Media Center 2005 Windows 2003 server SP2, 32bit and 64 bit 	<ul style="list-style-type: none"> Internet Explorer 7.0 (Wherever applicable) Firefox 2.0 * Firefox 3.0 * Internet Explorer 6.0 (Wherever-applicable) Sun JRE 5/1.5.07 and above Microsoft JVM – for Windows 2000
Mac	<ul style="list-style-type: none"> Mac OS X 10.5.x (On SA 6.2R2 release and above) Mac OS X 10.4.x Mac OS X 10.3.x Mac OS X 10.2.8 and above 	<ul style="list-style-type: none"> Safari 1.0 and above
Linux	<ul style="list-style-type: none"> OpenSuse 10.1 Red Hat Enterprise Linux 5 	<ul style="list-style-type: none"> Firefox 1.5 and above
Solaris	<ul style="list-style-type: none"> Solaris 10 	<ul style="list-style-type: none"> Mozilla 2.0 and above

* Firefox 2.0.0.16(and above) and 3.0(and above) are supported on 6.2r2 and later releases only.

Client-side Java Applets

Qualified platforms:

Platform	Operating System : list of browsers and Java Environment
Windows	<ul style="list-style-type: none"> XP Professional SP2 32 bit: Internet Explorer 6.0, Internet Explorer 7.0 and Firefox 2.0.Sun JRE 6 Vista Enterprise 32 bit: Internet Explorer 7.0 and Firefox 2.0.Sun JRE 6 Vista Enterprise 64 bit: Internet Explorer 7.0 and Firefox 2.0.Sun JRE 6 Vista Enterprise SP1 32 bit: Internet Explorer 7.0 and Firefox 2.0.Sun JRE 6 Vista Enterprise SP1 64 bit: Internet Explorer 7.0 and Firefox 2.0.Sun JRE 6
Mac	<ul style="list-style-type: none"> Mac OS X 10.5.0: Safari 3.0.Sun JRE 6 Mac OS X 10.4.3: Safari 2.0. Sun JRE 5 Mac OS X 10.3.2: Safari 1.1. Sun JRE 5
Linux	<ul style="list-style-type: none"> OpenSuse 10.3: Firefox 2.0.Sun JRE 6 Ubuntu 7.10: Firefox 2.0.Sun JRE 6

Compatible platforms:

Platform	Operating System	Browsers and Java Environment
Windows	<ul style="list-style-type: none"> Vista Ultimate No SP and SP1, 32 bit and 64 bit Vista Business No SP and SP1, 32 bit and 64 bit Vista Home Basic No SP and SP1, 32 bit and 64 bit Vista Home Premium No SP and SP1, 32 bit and 64 bit XP Professional SP3 32 bit XP Professional SP2 64 bit 2000 Professional SP4 XP Home SP2 XP Media Center 2005 Windows 2003 server SP2, 32bit and 64 bit 	<ul style="list-style-type: none"> Internet Explorer 7.0 (Wherever applicable) Firefox 2.0 * Firefox 3.0 * Internet Explorer 6.0 (Wherever-applicable) Sun JRE 5/1.5.07 and above Microsoft JVM – for Windows 2000
Mac	<ul style="list-style-type: none"> Mac OS X 10.5.x (On SA 6.2R2 release and above) Mac OS X 10.4.x Mac OS X 10.3.x Mac OS X 10.2.8 and above 	<ul style="list-style-type: none"> Safari 1.0 and above
Linux	<ul style="list-style-type: none"> OpenSuse 10.1 Red Hat Enterprise Linux 5 	<ul style="list-style-type: none"> Firefox 1.5 and above

* Firefox 2.0.0.16(and above) and 3.0(and above) are supported on 6.2r2 and later releases only.

Secure Terminal Access

Qualified platforms:

Platform	Operating System : list of browsers and Java Environment
Windows	<ul style="list-style-type: none"> XP Professional SP2 32 bit: Internet Explorer 6.0, Internet Explorer 7.0 and Firefox 2.0.Sun JRE 6 Vista Enterprise 32 bit: Internet Explorer 7.0 and Firefox 2.0.Sun JRE 6 Vista Enterprise 64 bit: Internet Explorer 7.0 and Firefox 2.0.Sun JRE 6 Vista Enterprise SP1 32 bit: Internet Explorer 7.0 and Firefox 2.0.Sun JRE 6 Vista Enterprise SP1 64 bit: Internet Explorer 7.0 and Firefox 2.0.Sun JRE 6
Mac	<ul style="list-style-type: none"> Mac OS X 10.5.0: Safari 3.0.Sun JRE 6 Mac OS X 10.4.3: Safari 2.0. Sun JRE 5 Mac OS X 10.3.2: Safari 1.1. Sun JRE 5
Linux	<ul style="list-style-type: none"> OpenSuse 10.3: Firefox 2.0.Sun JRE 6 Ubuntu 7.10: Firefox 2.0.Sun JRE 6

Compatible platforms:

Platform	Operating System	Browsers and Java Environment
Windows	<ul style="list-style-type: none"> Vista Ultimate No SP and SP1, 32 bit and 64 bit Vista Business No SP and SP1, 32 bit and 64 bit Vista Home Basic No SP and SP1, 32 bit and 64 bit Vista Home Premium No SP and SP1, 32 bit and 64 bit XP Professional SP3 32 bit XP Professional SP2 64 bit 2000 Professional SP4 XP Home Edition SP2 XP Media Center 2005 Windows 2003 server SP2, 32bit and 64 bit 	<ul style="list-style-type: none"> Internet Explorer 7.0 (Wherever applicable) Firefox 2.0 * Firefox 3.0 * Internet Explorer 6.0 (Wherever-applicable) Sun JRE 5/1.5.07 and above Microsoft JVM – for Windows 2000
Mac	<ul style="list-style-type: none"> Mac OS X 10.5.x (On SA 6.2R2 release and above) Mac OS X 10.4.x Mac OS X 10.3.x Mac OS X 10.2.8 and above 	<ul style="list-style-type: none"> Safari 1.0 and above

Linux	<ul style="list-style-type: none"> • OpenSuse 10.1 • Red Hat Enterprise Linux 5 	<ul style="list-style-type: none"> • Firefox 1.5 and above
-------	---	---

* Firefox 2.0.0.16(and above) and 3.0(and above) are supported on 6.2r2 and later releases only.

Java-Secure Application Manager (J-SAM)

[Not applicable for SA 700]

Qualified platforms:

Platform	Operating System : list of browsers and Java Environment
Windows	<ul style="list-style-type: none"> • XP Professional SP2 32 bit: Internet Explorer 6.0, Internet Explorer 7.0 and Firefox 2.0.Sun JRE 6 • Vista Enterprise 32 bit: Internet Explorer 7.0 and Firefox 2.0.Sun JRE 6 • Vista Enterprise SP1 32 bit: Internet Explorer 7.0 and Firefox 2.0.Sun JRE 6
Mac	<ul style="list-style-type: none"> • Mac OS X 10.5.0: Safari 3.0.Sun JRE 6 • Mac OS X 10.4.3: Safari 2.0. Sun JRE 5 • Mac OS X 10.3.2: Safari 1.1. Sun JRE 5
Linux	<ul style="list-style-type: none"> • OpenSuse 10.3: Firefox 2.0.Sun JRE 6 • Ubuntu 7.10: Firefox 2.0.Sun JRE 6

Compatible platforms:

Platform	Operating System	Browsers and Java Environment
Windows	<ul style="list-style-type: none"> • Vista Ultimate No SP and SP1, 32 bit and 64 bit • Vista Business No SP and SP1, 32 bit and 64 bit • Vista Home Basic No SP and SP1, 32 bit and 64 bit • Vista Home Premium No SP and SP1, 32 bit and 64 bit • XP Professional SP3 32 bit • 2000 Professional SP4 • XP Home Edition SP2 • XP Media Center 2005 • Windows 2003 server SP2, 32bit and 64 bit 	<ul style="list-style-type: none"> • Internet Explorer 7.0 (Wherever applicable) • Firefox 2.0 * • Firefox 3.0 * • Internet Explorer 6.0 (Wherever-applicable) • Sun JRE 5/1.5.07 and above • Microsoft JVM – for Windows 2000
Mac	<ul style="list-style-type: none"> • Mac OS X 10.5.x (On SA 6.2R2 release and above) • Mac OS X 10.4.x • Mac OS X 10.3.x • Mac OS X 10.2.8 and above 	<ul style="list-style-type: none"> • Safari 1.0 and above

Linux	<ul style="list-style-type: none"> • OpenSuse 10.1 • Red Hat Enterprise Linux 5 	<ul style="list-style-type: none"> • Firefox 1.5 and above
Solaris	<ul style="list-style-type: none"> • Solaris 10 	<ul style="list-style-type: none"> • Mozilla 2.0 and above

Note for Mac, Linux, and Solaris implementations:

- Automatic editing of hosts file is only available for root users
- Ports less than 1024 are only available for root users

* Firefox 2.0.0.16(and above) and 3.0(and above) are supported on 6.2r2 and later releases only.

Windows version of Secure Application Manager (W-SAM)

[Not applicable for SA 700]

Qualified platforms:

Platform	Operating System : list of browsers and Java Environment
Windows	<ul style="list-style-type: none"> • XP Professional SP2 32 bit: Internet Explorer 6.0, Internet Explorer 7.0 and Firefox 2.0.Sun JRE 6 • Vista Enterprise 32 bit: Internet Explorer 7.0 and Firefox 2.0.Sun JRE 6 • Vista Enterprise SP1 32 bit: Internet Explorer 7.0 and Firefox 2.0.Sun JRE 6

Compatible platforms:

Platform	Operating System	Browsers and Java Environment
Windows	<ul style="list-style-type: none"> • Vista Ultimate No SP and SP1, 32 bit only • Vista Business No SP and SP1, 32 bit only • Vista Home Basic No SP and SP1, 32 bit only • Vista Home Premium No SP and SP1, 32 bit only • XP Professional SP3 32 only • 2000 Professional SP4 • XP Home Edition SP2 • XP Media Center 2005 • Windows 2003 server SP2, 32bit only 	<ul style="list-style-type: none"> • Internet Explorer 7.0 (Wherever applicable) • Firefox 2.0 * • Firefox 3.0 * • Internet Explorer 6.0 (Wherever-applicable) • Sun JRE 5/1.5.07 and above • Microsoft JVM – for Windows 2000

* Firefox 2.0.0.16(and above) and 3.0(and above) are supported on 6.2r2 and later releases only.

Network Connect

Qualified platforms:

Platform	Operating System : list of browsers and Java Environment
Windows	<ul style="list-style-type: none"> XP Professional SP2 32 bit: Internet Explorer 6.0, Internet Explorer 7.0 and Firefox 2.0.Sun JRE 6 Vista Enterprise 32 bit: Internet Explorer 7.0 and Firefox 2.0.Sun JRE 6 Vista Enterprise 64 bit: Internet Explorer 7.0 and Firefox 2.0.Sun JRE 6 Vista Enterprise SP1 32 bit: Internet Explorer 7.0 and Firefox 2.0.Sun JRE 6 Vista Enterprise SP1 64 bit: Internet Explorer 7.0 and Firefox 2.0.Sun JRE 6
Mac	<ul style="list-style-type: none"> Mac OS X 10.5.0: Safari 3.0.Sun JRE 6 Mac OS X 10.4.3: Safari 2.0. Sun JRE 5 Mac OS X 10.3.2: Safari 1.1. Sun JRE 5
Linux	<ul style="list-style-type: none"> OpenSuse 10.3: Firefox 2.0.Sun JRE 6 Ubuntu 7.10: Firefox 2.0.Sun JRE 6

Compatible platforms:

Platform	Operating System	Browsers and Java Environment
Windows	<ul style="list-style-type: none"> Vista Ultimate No SP and SP1, 32 bit and 64 bit Vista Business No SP and SP1, 32 bit and 64 bit Vista Home Basic No SP and SP1, 32 bit and 64 bit Vista Home Premium No SP and SP1, 32 bit and 64 bit XP Professional SP3 32 bit XP Professional SP2 64 bit 2000 Professional SP4 XP Home Edition SP2 XP Media Center 2005 Windows 2003 server SP2, 32bit and 64 bit 	<ul style="list-style-type: none"> Internet Explorer 7.0 (Wherever applicable) Firefox 2.0 * Firefox 3.0 * Internet Explorer 6.0 (Wherever-applicable) Sun JRE 5/1.5.07 and above Microsoft JVM – for Windows 2000
Mac	<ul style="list-style-type: none"> Mac OS X 10.5.x (On SA 6.2R2 release and above) Mac OS X 10.4.x Mac OS X 10.3.x Mac OS X 10.2.8 and above 	<ul style="list-style-type: none"> Safari 1.0 and above
Linux	<ul style="list-style-type: none"> OpenSuse 10.1 Fedora Core 9 Red Hat Enterprise Linux 5 	<ul style="list-style-type: none"> Firefox 1.5 and above

Note: Credential Provider is not supported on any 64 bit Vista platforms.

* Firefox 2.0.0.16(and above) and 3.0(and above) are supported on 6.2r2 and later releases only.

Host Checker

Qualified platforms:

Platform	Operating System : list of browsers and Java Environment
Windows	<ul style="list-style-type: none"> XP Professional SP2 32 bit: Internet Explorer 6.0, Internet Explorer 7.0 and Firefox 2.0.Sun JRE 6 Vista Enterprise 32 bit: Internet Explorer 7.0 and Firefox 2.0.Sun JRE 6 Vista Enterprise SP1 32 bit: Internet Explorer 7.0 and Firefox 2.0.Sun JRE 6
Mac	<ul style="list-style-type: none"> Mac OS X 10.5.0: Safari 3.0.Sun JRE 6 Mac OS X 10.4.3: Safari 2.0. Sun JRE 5
Linux	<ul style="list-style-type: none"> OpenSuse 10.3: Firefox 2.0.Sun JRE 6 Ubuntu 7.10: Firefox 2.0.Sun JRE 6

Compatible platforms:

Platform	Operating System	Browsers and Java Environment
Windows	<ul style="list-style-type: none"> Vista Ultimate No SP and SP1, 32 bit and 64 bit Vista Business No SP and SP1, 32 bit and 64 bit Vista Home Basic No SP and SP1, 32 bit and 64 bit Vista Home Premium No SP and SP1, 32 bit and 64 bit Vista Enterprise 64 bit No SP and SP1 XP Professional SP3 32 bit XP Professional SP2 64 bit 2000 Professional SP4 XP Home SP2 XP Media Center 2005 Windows 2003 server SP2, 32bit and 64 bit 	<ul style="list-style-type: none"> Internet Explorer 7.0 (Wherever applicable) Firefox 2.0 * Firefox 3.0 * Internet Explorer 6.0 (Wherever-applicable) Sun JRE 5/1.5.07 and above Microsoft JVM – for Windows 2000
Mac	<ul style="list-style-type: none"> Mac OS X 10.5.x (On SA 6.2R2 release and above) Mac OS X 10.4.x Mac OS X 10.3.7 and above 	<ul style="list-style-type: none"> Safari 1.2 and above
Linux	<ul style="list-style-type: none"> OpenSuse 10.1 Red Hat Enterprise Linux 5 	<ul style="list-style-type: none"> Firefox 1.5 and above
Solaris	<ul style="list-style-type: none"> Solaris 10 	<ul style="list-style-type: none"> Mozilla 2.0 and above

* Firefox 2.0.0.16(and above) and 3.0(and above) are supported on 6.2r2 and later releases only.

Secure Virtual Workspace

[Not applicable for SA 700]

Qualified platforms:

Platform	Operating System : list of browsers and Java Environment
Windows	<ul style="list-style-type: none"> • XP Professional SP2 32 bit: Internet Explorer 6.0, Internet Explorer 7.0 and Firefox 2.0 • Vista Enterprise 32 bit: Internet Explorer 7.0 and Firefox 2.0 • Vista Enterprise SP1 32 bit: Internet Explorer 7.0 and Firefox 2.0

Compatible platform:

Platform	Operating System	Browsers and Java Environment
Windows	<ul style="list-style-type: none"> • Vista Ultimate No SP and SP1, 32 bit • Vista Business No SP and SP1, 32 bit • Vista Home Basic No SP and SP1, 32 bit • Vista Home Premium No SP and SP1, 32 bit • XP Professional SP3 32 bit • 2000 Professional SP4 	<ul style="list-style-type: none"> • Internet Explorer 7.0 (Wherever applicable) • Firefox 2.0 * • Firefox 3.0 * • Internet Explorer 6.0 (Wherever-applicable) • Sun JRE 5/1.5.07 and above • Microsoft JVM – for Windows 2000

* Firefox 2.0.0.16(and above) and 3.0(and above) are supported on 6.2r2 and later releases only.

Cache Cleaner

Qualified platforms:

Platform	Operating System : list of browsers and Java Environment
Windows	<ul style="list-style-type: none"> XP Professional SP2 32 bit: Internet Explorer 6.0, Internet Explorer 7.0 and Firefox 2.0.Sun JRE 6 Vista Enterprise 32 bit: Internet Explorer 7.0 and Firefox 2.0.Sun JRE 6 Vista Enterprise SP1 32 bit: Internet Explorer 7.0 and Firefox 2.0.Sun JRE 6

Compatible platform:

Platform	Operating System	Browsers and Java Environment
Windows	<ul style="list-style-type: none"> Vista Ultimate No SP and SP1, 32 bit and 64 bit Vista Business No SP and SP1, 32 bit and 64 bit Vista Home Basic No SP and SP1, 32 bit and 64 bit Vista Home Premium No SP and SP1, 32 bit and 64 bit. Vista Enterprise No SP and SP1, 64 bit XP Professional SP3 32 bit XP Professional SP2 64 bit 2000 Professional SP4 XP Home SP2 XP Media Center 2005 	<ul style="list-style-type: none"> Internet Explorer 7.0 (Wherever applicable) Firefox 2.0 * Firefox 3.0 * Internet Explorer 6.0 (Wherever-applicable) Sun JRE 5/1.5.07 and above Microsoft JVM – for Windows 2000

* Firefox 2.0.0.16(and above) and 3.0(and above) are supported on 6.2r2 and later releases only.

Terminal Services

[Not applicable for SA 700]

Qualified platforms:

Platform	Operating System : list of browsers and Java Environment
Windows	<ul style="list-style-type: none"> XP Professional SP2 32 bit: Internet Explorer 6.0, Internet Explorer 7.0 and Firefox 2.0.Sun JRE 6 Vista Enterprise 32 bit: Internet Explorer 7.0 and Firefox 2.0.Sun JRE 6 Vista Enterprise SP1 32 bit: Internet Explorer 7.0 and Firefox 2.0.Sun JRE 6

Compatible platform:

Platform	Operating System	Browsers and Java Environment
Windows	<ul style="list-style-type: none"> Vista Ultimate No SP and SP1, 32 bit and 64 bit Vista Business No SP and SP1, 32 bit and 64 bit Vista Home Basic No SP and SP1, 32 bit and 64 bit Vista Home Premium No SP and SP1, 32 bit and 64 bit XP Professional SP3 32 bit 2000 Professional SP4 XP Home SP2 XP Media Center 2005 Windows 2003 server SP2, 32bit and 64 bit 	<ul style="list-style-type: none"> Internet Explorer 7.0 (Wherever applicable) Firefox 2.0 * Firefox 3.0 * Internet Explorer 6.0 (Wherever-applicable) Sun JRE 5/1.5.07 and above Microsoft JVM – for Windows 2000

* Firefox 2.0.0.16(and above) and 3.0(and above) are supported on 6.2r2 and later releases only.

Adaptive Delivery for Juniper client applications

In cases where ActiveX is disabled or is not available due to platform or privilege limitations, the client application is installed using Java. Adaptive delivery is available for WSAM, Network Connect, Host Checker, Cache Cleaner, Windows Terminal Services, and Secure Meeting clients.

Microsoft JVM, or Sun JRE 1.4.1 or greater must be installed on the client system to utilize adaptive Delivery for Juniper client applications.

Juniper Installer Service

Juniper Installer Service is supported for the following client applications: Network Connect, Windows Secure Application Manager (W-SAM) and Terminal Services.

Qualified platforms:

Platform	Operating System : list of browsers and Java Environment
Windows	<ul style="list-style-type: none"> • XP Professional SP2 32 bit: Internet Explorer 6.0, Internet Explorer 7.0 and Firefox 2.0. Sun JRE 5 • XP Professional SP2 64 bit: Internet Explorer 6.0, Internet Explorer 7.0 and Firefox 2.0. Sun JRE 5 • Vista Enterprise 32 bit: Internet Explorer 7.0 and Firefox 2.0. Sun JRE 5 • Vista Enterprise 64 bit: Internet Explorer 7.0 and Firefox 2.0. Sun JRE 5 • Vista Enterprise SP1 32 bit: Internet Explorer 7.0 and Firefox 2.0. Sun JRE 5 • Vista Enterprise SP1 64 bit: Internet Explorer 7.0 and Firefox 2.0. Sun JRE 5

Compatible platform:

Platform	Operating System	Browsers and Java Environment
Windows	<ul style="list-style-type: none"> • Vista Ultimate No SP and SP1, 32 bit and 64 bit • Vista Business No SP and SP1, 32 bit and 64 bit • Vista Home Basic No SP and SP1, 32 bit and 64 bit • Vista Home Premium No SP and SP1, 32 bit and 64 bit • XP Professional SP3 32 bit • 2000 Professional SP4 	<ul style="list-style-type: none"> • Internet Explorer 7.0 (Wherever applicable) • Firefox 2.0 * • Firefox 3.0 * • Internet Explorer 6.0 (Wherever-applicable) • Sun JRE 5/1.5.07 and above • Microsoft JVM – for Windows 2000

* Firefox 2.0.0.16(and above) and 3.0(and above) are supported on 6.2r2 and later releases only.

Secure Meeting

[Not applicable for SA 700]

Qualified platforms:

Platform	Operating System : list of browsers and Java Environment
Windows	<ul style="list-style-type: none"> XP Professional SP2 32 bit: Internet Explorer 6.0, Internet Explorer 7.0 and Firefox 2.0. Sun JRE 5 XP Professional SP2 64 bit: Internet Explorer 6.0, Internet Explorer 7.0 and Firefox 2.0. Sun JRE 5 Vista Enterprise 32 bit: Internet Explorer 7.0 and Firefox 2.0. Sun JRE 5 Vista Enterprise 64 bit: Internet Explorer 7.0 and Firefox 2.0. Sun JRE 5 Vista Enterprise SP1 32 bit: Internet Explorer 7.0 and Firefox 2.0. Sun JRE 5 Vista Enterprise SP1 64 bit: Internet Explorer 7.0 and Firefox 2.0. Sun JRE 5
Mac	<ul style="list-style-type: none"> Mac OS X 10.5.0: Safari 3.0. Sun JRE 5 Mac OS X 10.4.3: Safari 2.0. Sun JRE 5 Mac OS X 10.3.2: Safari 1.1. Sun JRE 5
Linux	<ul style="list-style-type: none"> OpenSuse 10.3: Firefox 2.0. Sun JRE 6 Ubuntu 7.10: Firefox 2.0. Sun JRE 6

Compatible platforms:

Platform	Operating System	Browsers and Java Environment
Windows	<ul style="list-style-type: none"> Vista Ultimate No SP and SP1, 32 bit and 64 bit Vista Business No SP and SP1, 32 bit and 64 bit Vista Home Basic No SP and SP1, 32 bit and 64 bit Vista Home Premium No SP and SP1, 32 bit and 64 bit XP Professional SP3 32 bit 2000 Professional SP4 XP Home SP2 XP Media Center 2005 Windows 2003 server SP2, 32bit and 64 bit 	<ul style="list-style-type: none"> Internet Explorer 7.0 (Wherever applicable) Firefox 2.0 * Firefox 3.0 * Internet Explorer 6.0 (Wherever-applicable) Sun JRE 5/1.5.07 and above Microsoft JVM – for Windows 2000
Mac	<ul style="list-style-type: none"> Mac OS X 10.5.x (On SA 6.2R2 release and above) Mac OS X 10.4.x Mac OS X 10.3.x Mac OS X 10.2.8 and above 	<ul style="list-style-type: none"> Safari 1.0 and above
Linux	<ul style="list-style-type: none"> OpenSuse 10.1 	<ul style="list-style-type: none"> Firefox 1.5 and above

Client Recommendations for Secure Meeting:

- CPU: 1GHz or above recommended for Windows Client. For Mac 1GHz G4 or Intel processor is recommended.
- Memory: 256MB of available RAM.
- Color Quality: For best results, use 16-bit. 8, 16, 24, and 32 bit are supported too.
- Monitor Resolutions: 1024 x 768 pixels is recommended. Up to 2048 x 2048 pixels is supported.

* Firefox 2.0.0.16(and above) and 3.0(and above) are supported on 6.2r2 and later releases only.

Administrator User Interface (Web Console)

Qualified platforms:

Platform	Operating System : list of browsers and Java Environment
Windows	<ul style="list-style-type: none"> • XP Professional SP2 32 bit: Internet Explorer 6.0, Internet Explorer 7.0 and Firefox 2.0 • Vista Enterprise 32 bit: Internet Explorer 7.0 and Firefox 2.0 • OpenSuse 10.3: Firefox 2.0

Compatible platforms:

Platform	Operating System	Browsers and Java Environment
Windows	<ul style="list-style-type: none"> • Vista Ultimate No SP and SP1, 32 bit and 64 bit • Vista Business No SP and SP1, 32 bit and 64 bit • Vista Home Basic No SP and SP1, 32 bit and 64 bit • Vista Home Premium No SP and SP1, 32 bit and 64 bit • XP Professional SP3 32 bit • 2000 Professional SP4 • Ubuntu 7.10 	<ul style="list-style-type: none"> • Internet Explorer 7.0 (Wherever applicable) • Firefox 2.0 * • Firefox 3.0 * • Internet Explorer 6.0 (Wherever-applicable)

* Firefox 2.0.0.16(and above) and 3.0(and above) are supported on 6.2r2 and later releases only.

Mobile Devices

Web & File browsing

Compatible platforms:

- Windows Mobile 6.0 based Pocket PC devices: Pocket IE 6.0
- Windows Mobile 6.1 based Pocket PC devices: Pocket IE 6.0
- Windows Mobile 5.0 based Pocket PC devices: Pocket IE 4.0
- Iphone 2.0
- Palm OS 5.4: Blazer 4.5
- Symbian OS 7.1: Opera 6.31
- NTT I-mode phone
- AU/KDDI phone : Openwave Mobile Browser
- Vodafone phone : Openwave Mobile Browser

Level of Web browsing support:

- The table below describes support for web browsing.

Client Type	Platforms	HTML Rewriting Support	JavaScript Rewriting Support	Java Rewriting Support
Compact HTML	I-Mode	Yes	N/A	N/A
Smart Phone HTML Basic	Symbian/Opera	Yes	No	No
Smart Phone HTML Advanced	Treo 650/ Palm/Blazer	Yes	Partial	No
Mobile HTML	Windows Mobile 5.0/ Pocket IE 4.0 Windows Mobile 6.0/ Pocket IE 6.0	Yes	Yes	No

Clientless ActiveSync

[Not applicable for SA 700]

Qualified platforms:

OS	Make - Model
Windows Mobile 6 Standard	Dopod C730
Windows Mobile 6 Professional	HTC touch
Windows Mobile 5 Pocket PC Phone Edition	HP IPAQ HW6915

Compatible platforms:

- Windows Mobile 6.0 Standard and Professional
- Windows Mobile 6.1 based Pocket PC devices: Pocket IE 6.0
- Windows Mobile 5.0 Pocket PC Phones only with supported version of Messaging and Security Feature Pack
- Iphone 2.0
- Symbian OS

Windows Secure Application Manager for Window Mobile

[Not applicable for SA 700]

Qualified platforms:

OS	Make - Model
Windows Mobile 6 Standard	HTC s710 Motorola Q8 Motorola Q9 Samsung Blackjack II
Windows Mobile 6 Professional	HTC touch Verizon- Samsung SCHi760
Windows Mobile 5 Smartphone	I-mate Jaq3
Windows Mobile 5 Pocket PC Phone Edition	Glofish Eten X500 Cingular 8125

Compatible platforms:

- Windows Mobile 6.0 Standard, Classic and Professional
- Windows Mobile 6.1 Standard, Classic and Professionalsal
- Windows Mobile 5.0 based Pocket PC and Pocket PC Phones only.

Host Checker

Qualified platforms:

OS	Make - Model
Windows Mobile 6 Standard	Samsung Blackjack II
Windows Mobile 6 Professional	HTC touch Verizon- Samsung SCHi760 Glofish Eten X500+
Windows Mobile 5 Smartphone	I-mate Jaq3
Windows Mobile 5 Pocket PC Phone Edition	Cingular 8125

Compatible platforms:

- Windows Mobile 6.0 Standard, Classic and Professional
- Windows Mobile 5.0 based Pocket PC and Pocket PC Phones only.

Note: For non-qualified mobile platforms, customers may need to provide Juniper with an activated device if the issue is not reproducible on any of the qualified platforms. WSAM supports TCP-based, client-initiated applications only