



# PowerTerm<sup>®</sup> WebConnect

Integration Instructions  
with Juniper SSL VPN

Version 2.2 May 17, 2009

EMPOWER ENTERPRISE-WIDE APPLICATION ACCESS

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## 1. Equipment Information

- 1.1. Juniper SA-2000 6.0R1
- 1.2. PowerTerm WebConnect 5.6

## 2. SSL VPN Configuration

- 2.1. Specify ActiveX Parameter Rewriting: Rewriting specific to Ericom's WebConnect
- 2.2. From the Juniper IVE browse to Users → Resource Policies → Web → ActiveX Parameters
  - 2.2.1. Add Class Id: 7EC816D4-6FC3-4C58-A7DA-A770EE461602
  - 2.2.2. Parameters: Src / Rewrite URL and response (Static and dynamic HTML)

<input type="checkbox"/> <a href="#">7EC816D4-6FC3-4C58-A7DA-A770EE461602</a> Ericom WC	Src: Rewrite URL and response (Static and dynamic HTML)
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## 3. WSAM Configuration

- 3.1. Setup WSAM to tunnel PowerTerm WebConnect's application traffic and ensure that the proper users have access:
  - 3.1.1. From the Juniper IVE, browse to: **Users → User Roles → <role name> → SAM → Applications**
  - 3.1.2. Add Server: server.widgets.com (your WebConnect Server name )
  - 3.1.3. PowerTerm Port(s): 4000 (check your PowerTerm WebConnect configuration for the correct port)
  - 3.1.4. From the IVE browse to **Users → Resource Policies → SAM → Access Control**
  - 3.1.5. Resources: server.widgets.com:4000 (<servername>:<port>)

The screenshot shows the configuration page for WSAM applications in the Juniper IVE. The page has a navigation bar with tabs: General, Web, Files, SAM, Telnet/SSH, Terminal Services, Meetings, and Network Connect. The 'Applications' tab is selected, and there is a sub-tab for 'Options'. Below the navigation, there are three buttons: 'Add Application...', 'Duplicate...', and 'Delete'. A section titled 'WSAM supported applications' contains an empty table. Below this, a text prompt reads: 'For client applications not listed above, specify what servers (if any) should be allowed. These ser'. There are 'Add Server...' and 'Delete' buttons. A section titled 'WSAM allowed servers' contains a list of servers with checkboxes: 'EricomTS', 'EricomTS1', '192.168.35.210', and '192.168.35.211'. Below this, a text prompt reads: 'Client applications that need to bypass WSAM.'. There are 'Add Bypass Application...' and 'Delete' buttons. At the bottom, there is a section titled 'WSAM Bypass Applications' with an empty table.

3.1.6. Configure the “Allowed Servers”

Roles > Users >  
**Allowed Server**

Name:

Description:

\* Server:  Name  
You  
You

Port(s):

\* indicates required field

3.1.7. Setup Selective Rewriting policy, within the Juniper IVE, browse to Users → Resource Policies → Web → Selective Rewriting

3.1.8. Add the server to the Initial Rewrite Policy

3.1.9. Define the roles that the policy applies to.

3.1.10. Select Rewrite content (auto-detect content type).

3.1.11. Server gets added to Resources as: http://server.widgets.com:\*/\*

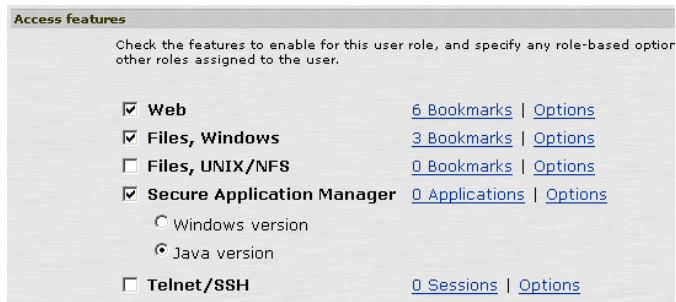
## 4. JSAM Configuration

4.1. Setup JSAM to tunnel PowerTerm WebConnect’s application traffic and ensure that the proper users have access:

4.1.1. From the Juniper IVE, browse to: **Users → User Roles → <role name> → General → Overview**

4.1.2. Scroll down to “Access features section”

4.1.3. Select “Secure Access Manager” “Java version”



4.1.4. From the Juniper IVE, browse to: **Users → User Roles → <role name> → SAM → Options**

4.1.5. Select Java SAM

4.2. Configure JSAM Port Forwarding

4.2.1. From the Juniper IVE, browse to: **Users → Resource Profiles → SAM → Client Applications**

4.2.2. Select “New Profile”

4.2.3. Set Type to “JSAM”

4.2.4. Set Application to “Custom”

4.2.5. Set name to something descriptive, such as “WebConnect Servers”

4.2.6. Add your WebConnect Server and Terminal Servers to the JSAM Port Forwarding section. The WebConnect Server port is 4000, and Terminal Server ports are 3389.

4.2.7. Select “Save and Continue”

Client Application Resource Profiles >  
**New Client Application Resource Profile**

Type: \* JSAM  
 Application: \* Custom  
 Name: \* WebConnect Server  
 Description:

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**JSAM Port Forwarding**

JSAM secures traffic destined for the following server(s). It listens for this traffic on a local loopback address, you can also specify (valid loopback addresses are 127.0.0.1 or 127.0.10.x and higher). JSAM will automatically choose and configure the client loopback addresses if you leave them blank. If you leave the Client Port blank will use the Server Port for that server.

Servers:

<input type="checkbox"/>	Server Name *	Server Port *	Client Loopback IP	Client Port	
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="button" value="Add"/>
<input type="checkbox"/>	ericomts1	4000		4000	
<input type="checkbox"/>	ericomts1	3389		3389	
<input type="checkbox"/>	ericomts2	3389		3389	
<input type="checkbox"/>	us-mis1	3389		3389	

4.2.8. Select the Roles for this Resource Profile to be applied to and Add them to the Select Roles area. Click “Save Changes”

Client Application Resource Profiles >  
**WebConnect Servers**

Resource Roles

Successfully created resource profile: 'WebConnect Servers'. Now select user resource profile.

Select the roles to which the resource profile applies. These roles will inherit the resource policy by the resource profile.

**Available Roles:**

- NC Users
- QA users

**Selected Roles:**

- Users Main
- Users



## 5. PowerTerm WebConnect Configuration

5.1. To enable the PowerTerm WebConnect Portal, the first step is to create the bookmark one would normally create under a User Role. Part of this process also involves verifying that the user has proper access to the website and related weblinks. The bookmarks and access rules should look similar to or encompass the following:

5.1.1. Users → User Roles → <role name> → Web → Bookmarks

5.1.1.1. <http://server.widgets.com/webconnect/portal/windows/index.asp>

5.1.2. Users → Resource Policies → Web → Web ACL

5.1.2.1. <http://server.widgets.com:80/webconnect/>\*

5.1.3. To enable Single-Sign-on to the PowerTerm WebConnect Portal, you need to configure HTML Form POST

5.1.3.1. Users → Resource Policies → Web → SSO Form POST

5.1.3.1.1. Resource:

<http://server.widgets.com:80/webconnect/portal/windows/index.asp>

5.1.3.1.2. POST to URL:

<http://server.widgets.com/webconnect/portal/windows/clients.asp>

5.1.3.1.2.1. Login / Login / Not modifiable

5.1.3.1.2.2. domain / widgets / Not modifiable

5.1.3.1.2.3. username / <USERNAME> / Not modifiable

5.1.3.1.2.4. password / <PASSWORD> / Not modifiable

## 6. About Ericom

Ericom® Software is a leading global provider of Application Access and Virtualization Solutions. Since 1993, Ericom has been helping users access business-critical applications running on a broad range of Microsoft® Windows® Terminal Servers, Virtual Desktops (VDI), Blade PCs, legacy hosts, and other systems. Ericom provides concrete business value by helping organizations realize the benefits of their IT investments. With offices in the United States, United Kingdom, EMEA, India and China, Ericom also has an extensive network of distributors and partners throughout North America, Europe, Asia and the Far East. Our expanding customer base is more than 30 thousand strong, with over 7 million installations.

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