



APPENDIX **B**

Product Services Installed with Cisco Prime Network

Table B-1 lists the product services that are installed with the Cisco Prime Network system.

Table B-1 Product Services Installed with Cisco Prime Network

Name	Function	Configuration Information	TCP or UDP Port Number	Dynamic TCP or UDP Port Ranges	Interdependencies with Other Features, Services, and Applications	Traffic Classification
avm[1-999]	Main application.	Main/registry/Avm [NUM].xml	8000+AVM number for secured XML RPC 2000+AVM number for local management	2000-3000, 8000-9000 (TCP)	Java, Perl, Tcsh	Inner protocol
sheer_secured daemon	Secured connectivity between gateway and unit.	local/sheer_secured /sheer_config	1101 (TCP)	—	—	SSH
webservers daemon	Serves the client Web Start and the diagnostics tool with graphs.	utils/apache/conf/ sheer.conf	1311 (TCP)	—	—	HTTP
Machine interface	BQL machine-to-machine interface.	—	9002 (TCP)	—	Java	—
Secure machine interface	Secured (SSL) BQL machine-to-machine interface.	—	9003 (TCP)	—	Java	—

Table B-1 Product Services Installed with Cisco Prime Network (continued)

Name	Function	Configuration Information	TCP or UDP Port Number	Dynamic TCP or UDP Port Ranges	Interdependencies with Other Features, Services, and Applications	Traffic Classification
Transport switch	Gateway/unit internal message bus.	—	9390 (TCP)	—	Java	—
Client Applications Transport	Client/gateway message bus. This PTP connection is secured by SSL.	—	9771 (TCP)	—	Java	—

**Note**

If any of the ports listed in [Table B-1](#) are unavailable, the installation fails, or Cisco Prime Network does not operate correctly.

Each AVM requires a dedicated TCP port (AVM ID + 2000). If the TCP port is already in use by another application, the AVM creation fails. Before creating the AVM, you must stop the application that is using the port. If a port in the range of 2101 to 2999 is occupied by a process that cannot be stopped, do not create an AVM that corresponds to that port. For example, the hpsd process uses TCP port 2207 by default. If Cisco Prime Network is installed on a Linux server and you try to create an AVM with ID 207, the creation fails due to a port conflict with hpsd.