

Search

Aruba Central Online Help

You are here: [Home](#) > [Policy Manager Initial Deployment Guide](#) > [Port Requirements](#)

Ports Recommended and Required to Be Open

[Table 1](#) lists all the ports that are recommended by Policy Manager to properly operate within your environment, as well as the ports that are strongly recommended having them open.

Table 1: Required Open Ports

Port	Protocol	Service/Application Use
Ports Required to Be Open		
22	TCP	Secure Shell (SSH)
123	UDP	Network Time Protocol (NTP)
443	TCP	HTTPS
1645	UDP	RADIUS (Authentication)
1646	UDP	RADIUS (Accounting)
1812	UDP	RADIUS (Authentication)
1813	UDP	RADIUS (Accounting)
5432	TCP	Database System, in cluster deployments, PostgreSQL for DB replication - encrypted using SSL , and time synchronization

Table 2: Additional ports used by ClearPass Features

Port	Protocol	Service	Used by	Between
443	TCP	HTTPS	ClearPass UI	Management Station ClearPass

Port	Protocol	Service	Used by	Between	
80	TCP	HTTP	ClearPass UI NOTE: HTTP not recommended but can be configured	Management Station	ClearPass
22	TCP	SSH	Secure Shell	Client	ClearPass
443 / 80	TCP	HTTP not recommended but can be configured	Guest Portal	Controller	ClearPass
443	TCP	HTTPS	Update service	ClearPass	Update Server
443	TCP	HTTPS	OnGuard Agent	Endpoints	ClearPass
6658	TCP NOTE: Recommended to be open	OnGuard to CPPM		Endpoints	ClearPass
7432	TCP NOTE: The cluster diagnostics command uses the management IP address and port number 7432 to collect diagnostics data	Cluster Diagnostics	Clusters	ClearPass	ClearPass
3799	TCP/UDP	RADIUSCoA - RFC3576	NAS Devices - AAA Services	ClearPass	NAS Devices
49	TCP/UDP NOTE: Recommended to be open	TACACS		NAS Devices	ClearPass

Send Feedback



Port	Protocol	Service	Used by	Between	
	ICMP echo (8) and echo-reply (0) between CPPM host and Domain Controller used during domain join		ClearPass to Active Directory	ClearPass	AD Servers
389	TCP/UDP	LDAP		ClearPass	AD Servers
636	TCP/UDP	LDAP over SSL		ClearPass	AD Servers
445	TCP/UDP	NetLogon		ClearPass	AD Servers
49152-65535	TCP	SMBv2 / v3 RPC randomly allocated high TCP ports see SMB Ports Range Note		ClearPass	AD Servers
1025-5000	TCP	SMBv1 RPC randomly allocated low TCP ports see SMB Ports Range Note		ClearPass	AD Servers
88	UDP	Kerberos Authentication		ClearPass	AD Servers
464	TCP	Password Change		ClearPass	AD Servers
139	TCP	AD Auth test from CLI		ClearPass	AD Servers
161	UDP NOTE: Recommended to be open	SNMP Read / Write	SNMP	ClearPass	Endpoint

Port	Protocol	Service	Used by	Between	
162	<u>UDP</u> NOTE: Recommended to be open	<u>SNMP</u> Traps		Endpoint	ClearPass
135	<u>TCP</u>	<u>WMI</u> Scan	<u>WMI</u>	ClearPass	Endpoint
25	<u>TCP</u>	<u>SMTP</u>	ClearPass	<u>SMTP</u> Servers	25
465	<u>TCP</u>	<u>SMTP</u> Secure		ClearPass	<u>SMTP</u> Servers
53	<u>TCP</u>	<u>DNS</u>		ClearPass	<u>DNS</u> Servers
67	<u>UDP</u> NOTE: Recommended to be open	NetFlow collector		Network	ClearPass
2055	<u>UDP</u>	<u>DHCP</u> Snooper		Network	ClearPass
6343	<u>UDP</u>	sFlow collector	Network	ClearPass	
514	<u>UDP</u>	Ingress Events	Ingress Event Engine	Network	ClearPass

© Copyright 2022 Hewlett Packard Enterprise Development. All Rights Reserved.