

ManageEngine   
ADAudit Plus

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# Ports Guide

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# 1. Why ports need to be opened and how to check if they are?

A port is a virtual point through which programs running on different computers exchange data. Ports need to be open to allow this data exchange.

Microsoft's PortQryUI displays the status of ports on a computer, and can be installed and run on the machine in which ADAudit Plus is installed.

PortQryUI download link: <https://www.microsoft.com/en-in/download/details.aspx?id=24009>

## 2. Product ports

The table below lists the default ports used by ADAudit Plus. These ports can be changed during or after installation.

**Note:** To change port: Open the ADAudit Plus console → Admin tab, which can be found in the top panel → Connection tab, which can be found in the left panel → Change port.

Port	Protocol	Purpose
8081	HTTP	Product web server
8443	HTTPS	Product web server
33307	TCP	Database port

## 3. System ports

The table below lists the ports that should be opened, on the destination computers. These ports can be opened on Windows/third-party firewalls.

Port	Protocol	Direction	Service	Purpose
135	TCP	Inbound	RPC	For Windows log collection <b>Source:</b> ADAudit Plus server <b>Destination:</b> Monitored computers
137	TCP and UDP	Inbound	NetBIOS name resolution RPC/named pipes (NP)	For Windows log collection <b>Source:</b> ADAudit Plus server <b>Destination:</b> Monitored computers

138	UDP	Inbound	NetBIOS datagram	For Windows log collection <b>Source:</b> ADAudit Plus server <b>Destination:</b> Monitored computers
139	TCP	Inbound	NetBIOS session RPC/NP	For Windows log collection <b>Source:</b> ADAudit Plus server <b>Destination:</b> Monitored computers
445	TCP and UDP	Inbound	SMB RPC/NP	For Windows log collection, file share audit <b>Source:</b> ADAudit Plus server <b>Destination:</b> Monitored computers
389	TCP and UDP	Inbound	LDAP	For syncing AD objects with product <b>Source:</b> ADAudit Plus server <b>Destination:</b> Domain Controllers
636	TCP	Inbound	LDAP over SSL	For syncing AD objects with product <b>Source:</b> ADAudit Plus server <b>Destination:</b> Domain Controllers
3268	TCP	Inbound	Global catalog	For syncing AD objects with product <b>Source:</b> ADAudit Plus server <b>Destination:</b> Domain Controllers
3269	TCP	Inbound	Global catalog over SSL	For syncing AD objects with product <b>Source:</b> ADAudit Plus server <b>Destination:</b> Domain Controllers
88	TCP	Inbound	Kerberos	For authentication when accessing a domain resource <b>Source:</b> ADAudit Plus server <b>Destination:</b> Domain Controllers
25	TCP	Inbound	SMTP	To send emails <b>Source:</b> ADAudit Plus server <b>Destination:</b> SMTP servers

465	TCP	Inbound	SSL	To send emails <b>Source:</b> ADAudit Plus server <b>Destination:</b> SMTP servers
587	TCP	Inbound	TLS	To send emails <b>Source:</b> ADAudit Plus server <b>Destination:</b> SMTP servers
49152-65535	TCP	Inbound	RPC randomly allocated high TCP ports	For Windows log collection <b>Source:</b> ADAudit Plus server <b>Destination:</b> Monitored computers

**\*Note:**

If you are using Windows Firewall you can open dynamic ports, 49152-65535, on the monitored computers by enabling the inbound rules listed below.

- Remote Event Log Management (NP-In)
- Remote Event Log Management (RPC)
- Remote Event Log Management (RPC-EPMAP)

To enable the above rules: Open Windows Firewall → Advanced settings → Inbound Rules → Right click on respective rule → Enable Rule.

**In case you are deploying agents, please refer to the [Agent guide](#) and open the corresponding ports.**

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'ManageEngine ADAudit Plus is a real-time change auditing and user behavior analytics solution that helps keep your Active Directory, Azure AD, Windows servers, and workstations secure and compliant.

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