



Ports

This appendix contains the following sections:

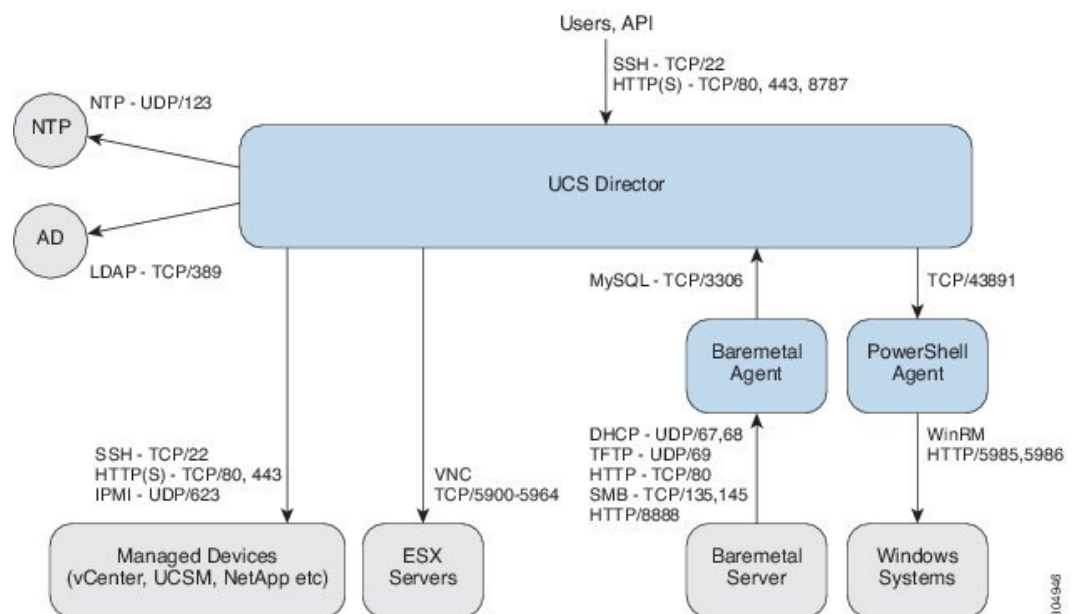
- [Cisco UCS Director TCP and UDP Port Usage, page 1](#)
- [Port List, page 2](#)

Cisco UCS Director TCP and UDP Port Usage

This section provides a list of the TCP and UDP ports that Cisco UCS Director uses for connections and communications with external applications or devices.

The following figure shows the network ports used for communication between the Cisco UCS Director appliance and managed devices, ESX servers, Baremetal Agent, PowerShell Agent, NTP, and Active Directory.

Figure 1: Cisco UCS Director TCP and UDP Port Usage



Port List

Default Port	Protocol	Description
22	TCP	SSH
80	TCP/UDP	HTTP
8888	TCP	HTTP for Cisco UCS Director Baremetal Agent
443	UDP	HTTPS
27000/7279/8082 (Mgmt)	TCP	Citrix licensing
2598/1494/2112/2513	TCP	Virtual Desktop Agent for Desktops
67/68	UDP	DHCP
389/636 3268/3269	TCP/UDP TCP	Active Directory
53	TCP/UDP	DNS
123	TCP/UDP	NTP
3306	TCP/UDP	MySQL
8787/5999	TCP	Cisco UCS Director + VNC Connectivity
3389	TCP/UDP	Cisco UCS Director + RDP Connectivity
80/443/8080	TCP/UDP	Cisco UCS Director + NetApp Connectivity
80/443	UDP	Cisco UCS Director + Cisco UCS Manager Connectivity
80/443	UDP	Cisco UCS Director + vCenter Connectivity
3389	TCP/UDP	RDP
135/445	TCP	SMB/RPC
88	TCP/UDP	Kerberos
137	TCP/UDP	NetBIOS Name (nbname)
138	TCP/UDP	NetBIOS datagram (nbdatagram)
139	TCP	NetBIOS session (nbssession)

Default Port	Protocol	Description
80/443	UDP	Desktop Delivery Controller <--> vCenter
8080 through ICA	TCP	Desktop Delivery Controller <--> Virtual Desktops
1494/2598/2512/2513	TCP	Users (Citrix Recvr) <--> Virtual Desktops
389/636 (LDAP Ports)	TCP/UDP	Desktop Delivery Controller <--> Active Directory
389/636, 3268/3269, 53	TCP/UDP	Virtual Desktops <--> Active Directory + DNS
5985/5986	TCP	PowerShell Agent <--> Xendesktop through WinRM
43891	TCP/UDP	Cisco UCS Director <--> PowerShell Agent
80/8081	TCP	XenApp

