

Note:
I E B= Ingress, Egress or Bi-Directional
on the host's firewall.

Port	Protocol	Usage	Direction - (I E B)
7	TCP/UDP: ICMP Echo	Internet Control Message Protocol (Ping/Trace Route)	Bi-Directional
20 & 21	TCP: FTP	FTP—data transfer, control, Software Updates, GMS Provisioning, & Address Book Utility	Ingress
23	TCP: TELNET	Telnet protocol—Diagnostics & API Control, Diagnostic Logging, Audit Flows	Ingress
24	TCP/UDP: TELNET	Telnet protocol—Diagnostics & API Control, Diagnostic Logging (HDX/VSX)	Ingress
80	TCP: HTTP	Outside remote maintenance (HTTP)	Ingress
389	TCP: LDAP	Internet Locator Server (ILS) Registration (LDAP)	Bi-Directional
443	TCP: HTTPS	Hypertext Transfer Protocol over SSL/TLS)	Ingress
990	TCP/UDP: FTP Secure	FTPS Protocol (control): FTP over TLS/SSL	Ingress
992	TCP/UDP: TELNET Secure	TELNET protocol over TLS/SSL	Ingress
1503	TCP: T.120	(T.120) Data protocols for multimedia conferencing	Ingress
1718	UDP: H.225	Gatekeeper Discovery	Bi-Directional
1719	UDP: H.225	H.323 Registration and alternate communication	Bi-Directional
1720	TCP: H.225	H.323 Call signalling	Bi-Directional
1731	TCP: H.225	Audio Call Control	Bi-Directional
5001	TCP/UDP: H.239	People and Content	Ingress
5060	TCP/UDP: SIP	Session Initiation Protocol (SIP)	Ingress
5061	UDP: SIP	Session Initiation Protocol (SIP) over TLS	Ingress
1024-65535	TCP/UDP: H.323, SIP, RTP, RTCP	H.245 - control channel protocol used with H.323 and H.324 communication sessions, Real-time Transport (RTP) Real-time Control (RTCP) Video Data, Audio Data, Control Information	Bi-Directional