



CERTIFICATE REQUIREMENTS

Front End Server 1, Front End Server 2 FQDN: pool.<ad-domain> Certificate SN: pool.<ad-domain> Certificate SAN: pool.<ad-domain> EKU: private CA Root certificate: private CA	Director 1, Director 2 FQDN: dir.<ad-domain> Certificate SN: dir.<ad-domain> Certificate SAN: dir.<ad-domain> EKU: sipinternal.<ad-domain> server Root certificate: private CA
Group Chat Server FQDN: chatsrv.<ad-domain> Certificate SN: chatsrv.<ad-domain> Certificate SAN: N/A EKU: server, client Root certificate: private CA	Exchange UM Server FQDN: umsrv.<ad-domain> Certificate SN: umsrv.<ad-domain> Certificate SAN: N/A EKU: server Root certificate: private CA
Monitoring Server FQDN: monsrv.<ad-domain> Certificate SN: monsrv.<ad-domain> Certificate SAN: N/A EKU: server Root certificate: private CA	Mediation Server FQDN: medsrv.<ad-domain> Certificate SN: medsrv.<ad-domain> Certificate SAN: N/A EKU: server Root certificate: private CA
Communicator Web Access Server FQDN: cwasrv.<ad-domain> Certificate SN: cwasrv.<ad-domain> Certificate SAN: cwasrv.<ad-domain>, cwa.<ad-domain>, as.wa.<ad-domain> EKU: download.cwa.<ad-domain> server Root certificate: private CA	XMPP Gateway FQDN: xmppsrv.<ad-domain> ⁽¹⁾ Certificate SN: xmppsrv.<ad-domain> Certificate SAN: N/A EKU: server Root certificate: private CA <small>⁽¹⁾ This FQDN is for connectivity to internal Edge Servers</small>
Edge Server 1, Edge Server 2 Internal FQDN: intrsrv.<ad-domain> Certificate SN: intrsrv.<ad-domain> Certificate SAN: server EKU: private CA Access FQDN: accessrv.<ad-domain> Certificate SN: accessrv.<ad-domain> Certificate SAN: accessrv.<ad-domain>, sip.<ad-domain> EKU: server, client Root certificate: public CA	Conference FQDN: N/A Certificate SN: conf.<ad-domain> Certificate SAN: N/A EKU: server Root certificate: public CA A/V FQDN: av.<ad-domain> Certificate SN: av.<ad-domain> Certificate SAN: N/A EKU: server Root certificate: private CA

*Required only for public IM connectivity with AIM

- ### DNS Configuration
- Publish SRV record for **_sipfederations._tcp.<ad-domain>**, which resolves to the Access Edge FQDN, accessrv.<ad-domain>
 - Publish SRV record for **_sip._tls.<ad-domain>**, which resolves to the Access Edge FQDN. This is required for federated and anonymous connections to Live Meetings.
 - Publish SRV record for **_xmpp-server._tcp.<ad-domain>**, which resolves to the gateway NIC of the XMPP gateway.
 - Publish A record for **Access Edge FQDN**, accessrv.<ad-domain>, which resolves to the Access Edge public IP address.
 - Publish A record for **A/V Edge FQDN**, av.<ad-domain>, which resolves to the A/V Edge public IP address.
 - Publish A record for **Conferencing Edge FQDN**, conf.<ad-domain>, which resolves to the Conferencing Edge public IP address.
 - Publish A record for **Communicator Web Access to the reverse proxy FQDN**, which resolves to public IP address of reverse proxy

Firewall Configuration

Ports to open on external firewall:

accessrv.<ad-domain>	TCP 5061, TCP 5062, TCP 5063, TCP 5064, TCP 5071, TCP 5072, TCP 5073, TCP 5074
conf.<ad-domain>	TCP 8057
av.<ad-domain>	TCP 443, UDP 3478, TCP 50,000-59,999

Ports to open on internal firewall:

accessrv.<ad-domain>	TCP 443, TCP 5061
conf.<ad-domain>	TCP 443
av.<ad-domain>	TCP 443, UDP 3478, TCP 50,000-59,999
xmpp.<ad-domain>	TCP 5269

LEGEND

CLIENTS

