How to use VoipNow 3 behind a firewall

This article describes what to set up to run the VoipNow 3 server behind a firewall.

TCP ports

The VoipNow 3 server requires that the following TCP ports are open:

22	The port used by the remote SSH connections.
25	The port for remote SMTP connections used by the **email2fax** feature.
443	The port used to access the web interface.
5060	The SIP port used by Kamailio to accept connections from phones.
5050	The Asterisk port.
5061	The TLS SIP port used for encrypted connections.
5222, 5280, 5269	The IM ports.
5672	AMQP port (usually internal traffic).
11211	Hubring- should be open for local host, in special configurations open only for remote.
80	The port used by CallAPI.

UDP ports

The VoipNow 3 server requires that the following UDP ports are open:

10000-20000	This range of UDP ports have to be open for the RTP (audio) traffic.
5060	The TCP+UDP Kamailio SIP port.
5061	SIP TLS port used by Kamailio (optionally).
5050	The UDP Asterisk SIP port.
53	DNS port must be open for outgoing DNS requests.
69	The TFTP port used for provisioning.
4000-5999	Used by T.38 (fax) signaling.

Related articles

- How to use the VoipNow 5 built-in firewall
- How to use VoipNow 3 behind a firewall
- How to use the VoipNow built-in firewall