Mitel TA7100

58014901 REV00

PORTS AND PROTOCOL SETTINGS

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Trademarks

Mitel TA7100 Ports and Protocol Settings
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Default Ports Used by DGW 2.0

Connection Type	Default Port Number	Transport Protocol
Debug Signaling Log Host	6000	UDP
DHCP	68	UDP
FTP	21	TCP
HTTP	80	TCP
HTTPS	443	TCP
Persistent TLS Base Port	6,000	TCP
Radius default port for accounting	1813	TCP
Radius default port for the authentication	1812	TCP
RTCP	5005	UDP
RTP	5004	UDP
Secure SIP	5061	TCP
SIP	5060	UDP
SNMP Listening	161	UDP
SNMP Trap	162	UDP
SNTP	123	UDP
SRTCP	5005	UDP
SRTP	5004	UDP
SSH	22	TCP
Syslog	514	UDP
T.38	6004	UDP
Telnet	23	TCP
TFTP	69	UDP

Calculating the RTP Port Range for Voice

By default, the RTP port used for voice is 5004 i.e. IpTransportRtpBasePort = 5004

To calculate the RTP port range used for voice :

- RTP range min =IpTransportRtpBasePort
- RTP range max = IpTransportRtpBasePort + 4 * [Number of FXS ports] + 2 * [Number of FXO, BRI or PRI channels] - 1 , or
- RTP range max = IpTransportRtpBasePort + 2 * [N] - 1 where
  - N= 2* nbr of FXS ports + 2* nbr of BRI ports + nbr of FXO ports + 30 nbr of PRI E1 ports + 23 * nbr of PRI T1 ports + 24 * nbr of PRI T1 CAS ports

To calculate the RTP port range used for voice when SRTP and RTP are activated:

- RTP with SRTP range min = IpTransportRtpBasePort
- RTP with SRTP range max = IpTransportRtpBasePort+ 8 * [Number of FXS ports] 4 * [Number of FXO, BRI or PRI channels] - 1, or
- RTP range max = IpTransportRtpBasePort + 4 * [N] - 1 where
  - N= 2* nbr of FXS ports + 2* nbr of BRI ports + nbr of FXO ports + 30 nbr of PRI E1 ports + 23 * nbr of PRI T1 ports + 24 * nbr of PRI T1 CAS ports

Mitel TA7100 Series Port Range for Voice

Platform	Interfaces	# of FXS Ports	Port Range (inclusively)	SRTP and RTP activated Port Range (inclusively)
TA7102	• 2 FXS	2	5004 to 5011	5004 to 5019
TA7104	• 4 FXS	4	5004 to 5019	5004 to 5035
TA7108	• 8 FXS	8	5004 to 6035	5004 to 5067

Calculating T.38 Port Range for Fax

By default the T.38 base port used for fax is 6004 i.e IpTransportT38BasePort= 6004

To calculate the allocated T.38 port range:

- T.38 range min = IpTransportT38BasePort (default value = 6004)
- T.38 range max = IpTransportT38BasePort+ [Number of channels] - 1

Mitel TA7100 Series Port Range for Fax

Platform	Interfaces	# of Channels	Port Range (inclusively)
TA7102	• 2 FXS	2	6004 to 6005
TA7104	• 4 FXS	4	6004 to 6007
TA7108	• 8 FXS	8	6004 to 6011

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