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Ports IPs and our Network

Mike Johnstone - 2025-07-10 - PBX, Peering, Ports and IPs

SIP Gateway Configuration and Network Details

Supported Protocols

- UDP (default) Low latency, 30-second keep-alive
- TCP Reliable transport, 15-minute keep-alive
- TLS Encrypted signaling over TCP
- SRTP Encrypted media streams

Network Connectivity

- Equinix Fabric private connections to tier-one Australian carriers
- BGP routing optimization
- AS Number: AS63971
- Firewall IP Range: 103.55.116.0/24
- SIP Peering IP: 103.55.116.65

Ports IPs and Network Setting

Proxy
TCP/TLS Proxy
SIP Peering
SIP Registration

SIP Port - UDP TLS

RTP IPs

RTP range

Supported Codecs
Unsupported Codecs
DTMF
Dial String (International)

p-asserted ID

Packetization times

call.sipcity.com.au
call.sipcity.com.au port 5061
103.55.116.65 (or 103.55.116.0/24)
103.55.116.65 (call.sipcity.com.au)
5060, 5061 (ensure transport =
TLS)
103.55.116.58, 103.55.116,37,
103.55.116.36, 103.55.116.35
30,000 - 40,000 (set by customer equipment)
PCMA, PCMU, G729, ILBC, Opus, G722
AMR, G723

AMR, G723 RFC2833, RFC4733 E164

P-Asserted-Identity: <sip: +123456780@103.55.116.65:5060> 20ms

Other Ports

RTP and UDPTL Set by your router (our port range is 30,000 - 40,000)

t.38 (faxing) 4000-6000

Fax fax.sipcity.com.au Primary NTP <u>au.pool.ntp.org</u>

Network Connectivity via Equinix Fabric

For customers connecting to our services, we leverage Equinix Fabric to establish secure, private virtual connections to multiple tier one Australian carriers. Our BGP routing is configured to optimize path selection across these dedicated connections.