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1ST EDITION



IP OFFICE

SIP TRUNK IMPLEMENTATION

THE CHECKLIST

SIP TRUNK IMPLEMENTATION

The checklist to help you implement and test IP Office SIP Trunks

By Wellington Paez.

This workbook is a place to checkoff the necessary items to help you deploy a SIP Trunk.

Site Information

Customer Name: _____

Address: _____

Contact's Name: _____

Contact's Number : _____

Telephone / e-mail : _____

Service Order # : _____ Date of service: _____

System Evaluation

IP Office system load (release + version).

☐ Embedded Voicemail

☐ Voicemail PRO ☐ Domain User ☐ Local User

Voicemail Pro Version: _____

Voicemail login: _____

Voicemail password: _____

Manager Login: _____

Manager Password: _____

IP Office password: _____

Domain Information: _____

System resources

Licensing and resources

☐ SIP Trunk Channels

☐ VCM Channels

Notes

IP Address Form

LAN 1 IP Address: _____

LAN 1 Subnet Mask: _____

LAN 1 Default Gateway: _____

LAN 2 IP Address: _____

LAN 2 Subnet Mask: _____

LAN 2 Default Gateway: _____

Default IP Route Table IP Address : _____

Default IP Route Table Network Mask: _____

Default IP Route Table Default Gateway: _____

Metric (hops) _____

LAN 2 IP Route Table IP Address : _____

LAN 2 IP Route Table Network Mask: _____

LAN 2 IP Route Table Default Gateway: _____

Metric (hops) _____

IP Configuration - Continue

Default IP Route Table IP Address : _____

Default IP Route Table Network Mask: _____

Default IP Route Table Default Gateway: _____

Metric (hops) _____

Voice VLAN ID: _____

Data VLAN ID: _____

Network Switch LAN Port Speed: _____

Network Switch LAN Port Duplex: _____

Notes

ITSP Information

ITSP Name : _____

Contact's Name: _____

Contact's Number : _____

Telephone / e-mail : _____

ITSP Order Number # : _____

Date of service: _____

SIP Turn-up telephone number or conference bridge number:

Pin : _____

ITSP Public IP Address: _____

ITSP Public IP Address: _____

ITSP Public IP Address: _____

ITSP Public IP Address: _____

ITSP Public IP Address: _____

ITSP Public IP Address: _____

ITSP Information - continuation

ITSP Trunk Name: _____

ITSP Signaling IP Address: _____

ITSP Signaling UDP Port: _____

RTP Port range from: _____ to _____

Test DID number: + _____ (_____) - _____ - _____

Notes

IP Office Configuration Checklist

IP Office LAN Configuration

- ☐ IP Office LAN IP Configured
- ☐ IP Routes
- ☐ Ping the Default Gateway successfully through SSA
- ☐ Network Topology / STUN server IP Address configured (if needed)
- ☐ Network Topology / Firewall / NAT Type (unknown) (if needed)
- ☐ Network Topology / Binding Refresh Time based on Whitepapers for this ITSP (if needed) .
- ☐ Network Topology / Public IP Address configured (if needed)
- ☐ Network Topology / Ping the Default Gateway successfully through SSA
- ☐ Network Topology / STUN server IP Address configured
- ☐ Network Topology / UDP Public Port = 5060

IP Office Configuration Checklist

IP Office SIP Trunk configuration

- ☐ SIP Line / Line Number
- ☐ SIP Line / ITSP Domain Name (use IP Address)
- ☐ SIP Line / Transport / ITSP Proxy IP Address
- ☐ SIP Line / Transport / L4 Protocol set
- ☐ SIP Line / Transport / User Network Topology LAN2 (if needed)
- ☐ SIP Line / Transport / Calls Route via Registrar
- ☐ SIP Line / SIP URI / Channel configuration completed (User Internal User Data is needed if sending out Caller ID information)

Notes

IP Office Configuration Checklist

ARS Configuration

☐ ARS / shortcodes are configured with telephone”@ITSP Public IP Address” e.g 0N”@61.61.61.89”

Code= XXXXXXXX

Feature= Dial 3K1

Telephone Number= N”@61.61.61.89”

Line Group ID= 0 (This field matches the SIP URI Trunk Group)

Notes

Any comments feel free to connect through twitter @wellington_paez