**Commissioning Script of a Huawei MA5600T MSAN Site**

sysname Site\_Name  
board confirm 0  
timezone GMT+ 01:00  
time 2019-05-7 15:47:30  
vlan 10 standard  
vlan 103 smart  
vlan 111 standard  
vlan 3841 standard  
port vlan 10 0/10 1  
port vlan 103 0/10 1  
port vlan 111 0/10 1  
port vlan 3841 0/10 1  
port vlan 3841 0/10 0  
interface vlanif 10  
ip address 172.28.1.43 255.255.255.0 description MSAN-Management  
quit  
interface vlanif 111  
ip address 172.28.101.43 255.255.255.0 description MSAN-Media\_signaling  
quit  
ip route-static 0.0.0.0 0.0.0.0 X.X.X.1 description To-PE  
ip route-static X.X.X.X 255.255.255.248 X.X.X.1 description To-U2000-Active Alger  
ip route-static X.X.X.X 255.255.255.0 X.X.X.1 description To-SoftSwitch  
multi-service-port vlan 103 board 1-18 vpi 0 vci 38 rx-cttr 6 tx-cttr 6  
y  
voip  
ip address media X.X.X.X X.X.X.1  
ip address signaling X.X.X.X  
quit  
interface h248 0  
y  
if-h248 attribute mgip X.X.X.x mgport 2944 transfer udp  
if-h248 attribute primary-mgc-ip1 X.X.X.X primary-mgc-port 2944  
if-h248 attribute mg-media-ip1 X.X.X.X  
if-h248 attribute start-negotiate-version 1  
reset coldstart  
y  
quit  
esl user  
mgpstnuser batadd 0/1/0 0/18/47 0 terminalid 0 step 1  
quit  
snmp-agent community read YYYYYYYYYYY  
snmp-agent community write yyyyyyyyyyy  
snmp-agent sys-info version v2c  
snmp-agent target-host trap-hostname U2000\_Active address X.X.x.x trap-paramsname u2000  
snmp-agent target-host trap-paramsname u2000 v2c securityname YYYYYYYYY  
snmp-agent trap enable standard  
snmp-agent trap source vlanif10  
SAVE

**Commissioning Script of a ZTE C300M MSAN Site (1500 subscribers)**

Username:zte  
Password:zte  
delete cfg startrun.dat  
delete v0101 \*.\*  
delete v0100 \*.\*  
reboot  
y  
configure terminal  
no reset-at-suspend

set-pnp disable

add-rack rackno 1 racktype ETSI21

add-shelf rackno 1 shelfno 1 shelftype ETSI\_SHELF

del-subcard rackno 1 shelfno 1 slotno 10 subcardno 1

add-subcard rackno 1 shelfno 1 slotno 10 subcardno 1 VOIP

add-card rackno 1 shelfno 1 slotno 2 ACWKC

add-card rackno 1 shelfno 1 slotno 3 ACWKC

add-card rackno 1 shelfno 1 slotno 4 ACWKC

add-card rackno 1 shelfno 1 slotno 5 ACWKC

add-card rackno 1 shelfno 1 slotno 6 ACWKC

add-card rackno 1 shelfno 1 slotno 7 ACWKC

add-card rackno 1 shelfno 1 slotno 8 ACWKC

add-card rackno 1 shelfno 1 slotno 9 ACWKC

add-card rackno 1 shelfno 1 slotno 12 ACWKC

add-card rackno 1 shelfno 1 slotno 13 ACWKC

add-card rackno 1 shelfno 1 slotno 14 ACWKC

add-card rackno 1 shelfno 1 slotno 15 ACWKC

add-card rackno 1 shelfno 1 slotno 16 ACWKC

add-card rackno 1 shelfno 1 slotno 17 ACWKC

add-card rackno 1 shelfno 1 slotno 18 ACWKC

add-card rackno 1 shelfno 1 slotno 19 ACWKC

add-card rackno 1 shelfno 1 slotno 20 CICG

add-card rackno 1 shelfno 1 slotno 21 GCFD

add-card rackno 1 shelfno 1 slotno 22 GCFD

add-shelf rackno 1 shelfno 2 shelftype ETSI\_SHELF\_EX connectid 1

add-card rackno 1 shelfno 2 slotno 10 SCGM

add-card rackno 1 shelfno 2 slotno 2 ACWKC

add-card rackno 1 shelfno 2 slotno 3 ACWKC

add-card rackno 1 shelfno 2 slotno 4 ACWKC

add-card rackno 1 shelfno 2 slotno 5 ACWKC

add-card rackno 1 shelfno 2 slotno 6 ACWKC

add-card rackno 1 shelfno 2 slotno 7 ACWKC

add-card rackno 1 shelfno 2 slotno 8 ACWKC

add-card rackno 1 shelfno 2 slotno 9 ACWKC

add-card rackno 1 shelfno 2 slotno 12 ACWKC

add-card rackno 1 shelfno 2 slotno 13 ACWKC

add-card rackno 1 shelfno 2 slotno 14 ACWKC

add-card rackno 1 shelfno 2 slotno 15 ACWKC

add-card rackno 1 shelfno 2 slotno 16 ACWKC

add-card rackno 1 shelfno 2 slotno 17 ACWKC

add-card rackno 1 shelfno 2 slotno 18 ACWKC

add-card rackno 1 shelfno 2 slotno 19 ACWKC

add-card rackno 1 shelfno 2 slotno 21 GCFD

add-card rackno 1 shelfno 2 slotno 22 GCFD

!

his-performance sample enable

his-performance alarm enable

his-performance auto-upload disable

!

security port-protect enable

eth-switch max-frame-length 1600

!

mac aging-time 300

mac monitor-period 10

mac usage-threshold 70

!

vlan database

vlan 1-3,700,901

vlan 4091-4092,4094

!

vlan-reserve 4091 out-voip

vlan-reserve 4092 in-voip

vlan-reserve 4094 gpon

!

vlan 2

description VOICE

voip-bind

!

vlan 3

description MNG

!

vlan 700

description DATA

!

vlan 901

description SIP

!

epon

!

gpon

pon

uncfg-onu-display-info sn pw

!

port-identification access-node-id-type access-node-name

port-identification access-node-name 03\_M\_PTT\_01

!

dhcpv6-l2-relay-agent disable

!

igmp enable

mld disable

gpon

!

adsl profile 8M.PRF

!

ip-source-guard disable

!

fan speed-percent-set 50 60 80 100 rackno 1 shelfno 1

fan control temp\_level 0 15 30 40 rackno 1 shelfno 1

!

uaps-group 1

revertive enable

switch-type trunking-port

port-optical-tx-control enable

port master-port gei\_1/21/1 slave-port gei\_1/22/1

!

sysobjid-model 1

!

interface mng1

ip address 136.1.1.100 255.255.0.0

boot-server 136.1.1.1

boot-username target

config-filename startrun.dat

default-gateway 0.0.0.0

imgfile-location local

!

interface vlan 2

ip address 172.29.103.67 255.255.255.0

!

interface vlan 3

ip address 172.29.203.67 255.255.255.0

!

interface null1

!

interface adsl\_1/2-9/1-48

atm pvc 1 vpi 0 vci 38

switchport default vlan 700 pvc 1

pppoe-intermediate-agent enable pvc 1

adsl profile DEF8M.PRF

!

interface adsl\_1/12-19/1-48

atm pvc 1 vpi 0 vci 38

switchport default vlan 700 pvc 1

pppoe-intermediate-agent enable pvc 1

adsl profile DEF8M.PRF

!

interface adsl\_2/2-9/1-48

atm pvc 1 vpi 0 vci 38

switchport default vlan 700 pvc 1

pppoe-intermediate-agent enable pvc 1

adsl profile DEF8M.PRF

!

interface adsl\_2/12-19/1-48

atm pvc 1 vpi 0 vci 38

switchport default vlan 700 pvc 1

pppoe-intermediate-agent enable pvc 1

adsl profile DEF8M.PRF

!

interface gei\_1/21/1

hybrid-attribute fiber

no negotiation auto

no shutdown

speed 1000

duplex full

flowcontrol disable

port-protect disable

uplink-isolate disable

switchport mode hybrid

switchport vlan 2-3,700 tag

!

interface gei\_1/21/2

hybrid-attribute fiber

negotiation auto

shutdown

flowcontrol disable

port-protect disable

uplink-isolate disable

switchport mode hybrid

!

interface gei\_1/21/3

hybrid-attribute copper

negotiation auto

shutdown

flowcontrol disable

port-protect disable

uplink-isolate disable

switchport mode hybrid

!

interface gei\_1/21/4

hybrid-attribute copper

negotiation auto

shutdown

flowcontrol disable

port-protect disable

uplink-isolate disable

switchport mode hybrid

!

interface gei\_1/22/1

hybrid-attribute fiber

no negotiation auto

no shutdown

speed 1000

duplex full

flowcontrol disable

port-protect disable

uplink-isolate disable

switchport mode hybrid

switchport vlan 2-3,700 tag

!

interface gei\_1/22/2

hybrid-attribute fiber

negotiation auto

shutdown

flowcontrol disable

port-protect disable

uplink-isolate disable

switchport mode hybrid

!

interface gei\_1/22/3

hybrid-attribute copper

no negotiation auto

no shutdown

speed 1000

duplex full

flowcontrol disable

port-protect disable

uplink-isolate disable

switchport mode hybrid

!

interface gei\_1/22/4

hybrid-attribute copper

negotiation auto

shutdown

flowcontrol disable

port-protect disable

uplink-isolate disable

switchport mode hybrid

!

!\*\*\*\*\*\*\*\*\*\*After interface -- show run on RP start!\*\*\*\*\*\*\*\*\*\*

!

ip route 192.168.103.0 255.255.255.0 172.29.203.1

ip route 0.0.0.0 0.0.0.0 172.29.103.1

!

pon

!

ipoa inatmarp-interval 10

ipoa gateway-arp-interval 10

!

epon

!

epon

!

pon

!

gpon

sn 4cac0X0abfd0d7

!

mpnat service telnet-shell service-port 9999

mpnat service 112-test service-port 5001

mpnat trans-table aging-time 60

!

hostname 03\_M\_PTT\_01

!

enable secret 5 RcMLuUKvnFZX9kNAV6A/UA==

!

username zte password 0 zte privilege 10

!

multi-user configure

!

login-authentication-type local

login-authorization-type local

!

clock timezone UTC 0

banner incoming @

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Welcome to ZXAN product C300M of ZTE Corporation

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

@

!

lct-session time-out 120

!

snmp-server location No.889 BiBo Rd. PuDong District, ShangHai, China

snmp-server contact +86-021-68895000

snmp-server packetSize 5000

snmp-server engine-id 830900020300010289d64401

snmp-server community private view allview rw

snmp-server community public view allview rw

snmp-server view allview org included

snmp-server view DefaultView system included

snmp-server host 192.168.103.20 trap version 2c public enable NOTIFICATIONS isnmsserver server-index 1 udp-port 162

snmp-server enable trap SNMP

snmp-server enable trap VPN

snmp-server enable trap BGP

snmp-server enable trap OSPF

snmp-server enable trap RMON

snmp-server enable trap STALARM

!

logging on

logging buffer 200

logging mode fullcycle

logging level notifications

logging snmplog-save disable

syslog facility local0

syslog severity 6

!

line console idle-timeout 3

line console absolute-timeout 1440

line telnet idle-timeout 3

line telnet absolute-timeout 1440

line telnet users 4

!

ssh server authentication ispgroup 1

ssh server authentication mode local

ssh server authentication type chap

no ssh server only

ssh server version 2

!

tacacs disable

tacacs-server timeout 5

tacacs-server packet 1024

!

alarm enable

alarm confirm

nms-hello-trap disable

nms-hello-trap interval 120

alarm trap-confirm retry 1 timeout 30

12DFD0512DFD0512DFD05