

DHCP Server and SCME Configuration Guide for SMT-i phones' PnP feature

Configuring a Customer-Provided DHCP Server

There are option numbers that must be configured in a customer-provided DHCP server.

1) Option 43 – Vendor Specific information

For all SMT-i phones, this value should be set to one of the followings:

Identifier (sec) and **Address of SCME (tftp://x.x.x.x)** is essential and VLAN information can be set as well by the following format.

```
sec, tftp://1.2.3.4
sec, tftp://1.2.3.4, vlan-id=3, vlan-qos=5
sec, tftp://1.2.3.4/path
sec, tftp://1.2.3.4/path, vlan-id=3
sec, tftp://1.2.3.4/path, vlan-id=3, vlan-qos=5
```

2) Option 66 – TFTP Server Name

For SMT-i5220s, this value should be set to "**SEC_ITP**".

For Other SMT-i phones such as SMT-i5243/ 5230/ 5210/ 3105, this value does NOT need to be set.

Configuring SCME

MAC address of SMT-i phone should be put in [SCM Admin > Configuration > User > Single Phone User/ Multi-Extension Phone] so MAC profile should be created. MAC profile is automatically created when MAC address of SMT-i phone is entered.

[DIALOG] Single Phone User - Change

User Group	UG1	Service Group	UG1-SG1
Location	UG1-LOC1	Extension Number	5001
Application User ID	5001@ug1.scm.com	Extension Name	
Application Password	*****	PIN Number	****
Authentication User ID	5001	Phone Verification	None
Authentication Password	****	MAC Address	00-00-F0-05-B1-58
IP Address	165.213.88.159	Private IP Address	165.213.88.159
Profile Login ID	UG15001	Phone Type	Samsung-Desktop-Phone
Profile Login Passcode	****	Language	Korean
Mobile Phone Number		Use Mobile Phone Number	None
Protocol	UDP	Media	RTP
TLS Connection	Reuse	Ping Ring Type	None
A-A Primary Node	NODE 0	A-A Dual Registration	Enable
VMS Extension Number		Make Mailbox	Yes
URI Type	SIP	DTMF	RFC2833
RFC2833 DTMF Payload	101	Time Zone	GMT+09:00 Asia/Seoul
Department		Position	
Send CLI Number		Service Group Local CLI Number	
Service Group Local Number		Restriction Policy	
Class of Service		Gateway Name	
Extension Lock	None	LDAP DN Number	
Account Code Use		Auto Answer by Click to Dial	Enable
Accept Login Override	Disable	External Ringback Tone Use	None
MOH Announcement ID		Display Option	Normal
Send CLI Name		Call Monitoring	Disable
Send Extension Number		Use Virtual Ringback	Disable
Caller Ring Type	None	Off Hook Alarm	
Check Registration Protocol	Disable	MOH SIP Media Mode	Send Only
Application Server Service Group		CMS Monitoring	Disable

Change Apply Close

You can confirm it via Telnet connection as following

```
[samsung@scme-vmc-31 sec-mac]$
[samsung@scme-vmc-31 sec-mac]$
[samsung@scme-vmc-31 sec-mac]$ pwd
/DI/WEBCLI/sec-mac
[samsung@scme-vmc-31 sec-mac]$ ls
sec_0000F005B158.xml
[samsung@scme-vmc-31 sec-mac]$
```