How to set provisioning server address to all CSs

(KX-UDS/UDT series)

No. 42-003

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Ver.1.0

Panasonic Corporation

Abstract about this document

This document describes about how to set provisioning server address to "all" CSs.

Revision history

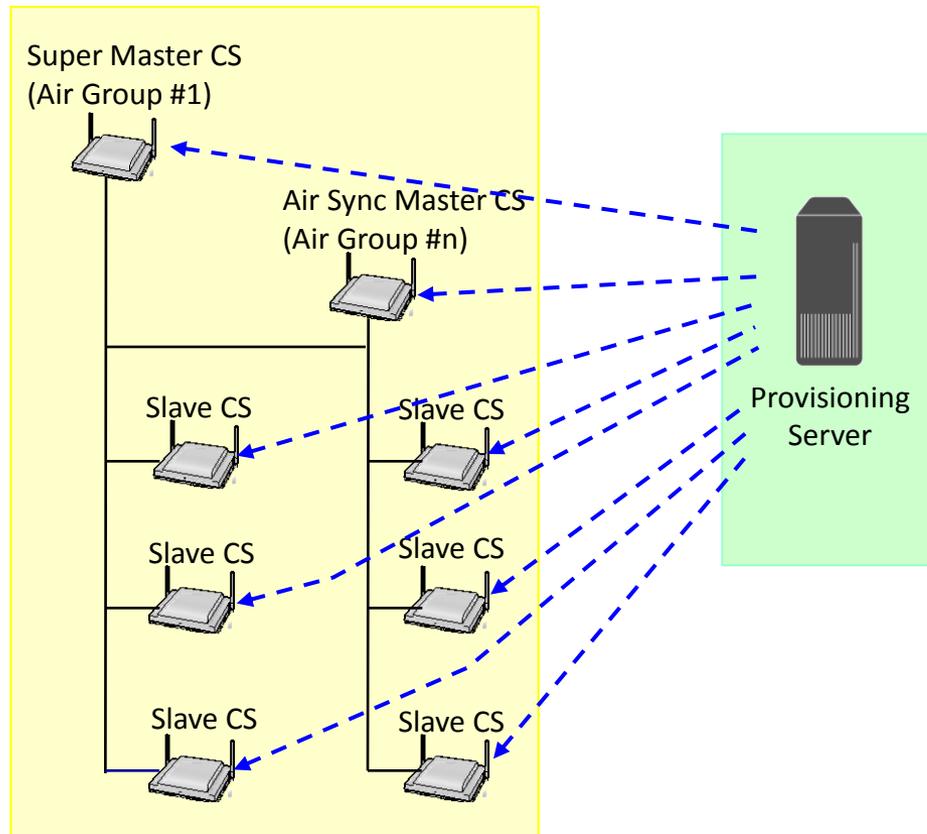| Date	Version	Revision	Firmware version
Sep 28, 2012	Ver. 1.0	Initial Release	All versions

When you operate the UDS system with **PROVISION_SUPERMASTER_ONLY="N (Default)",**
All CSs try to access the provisioning server directly.
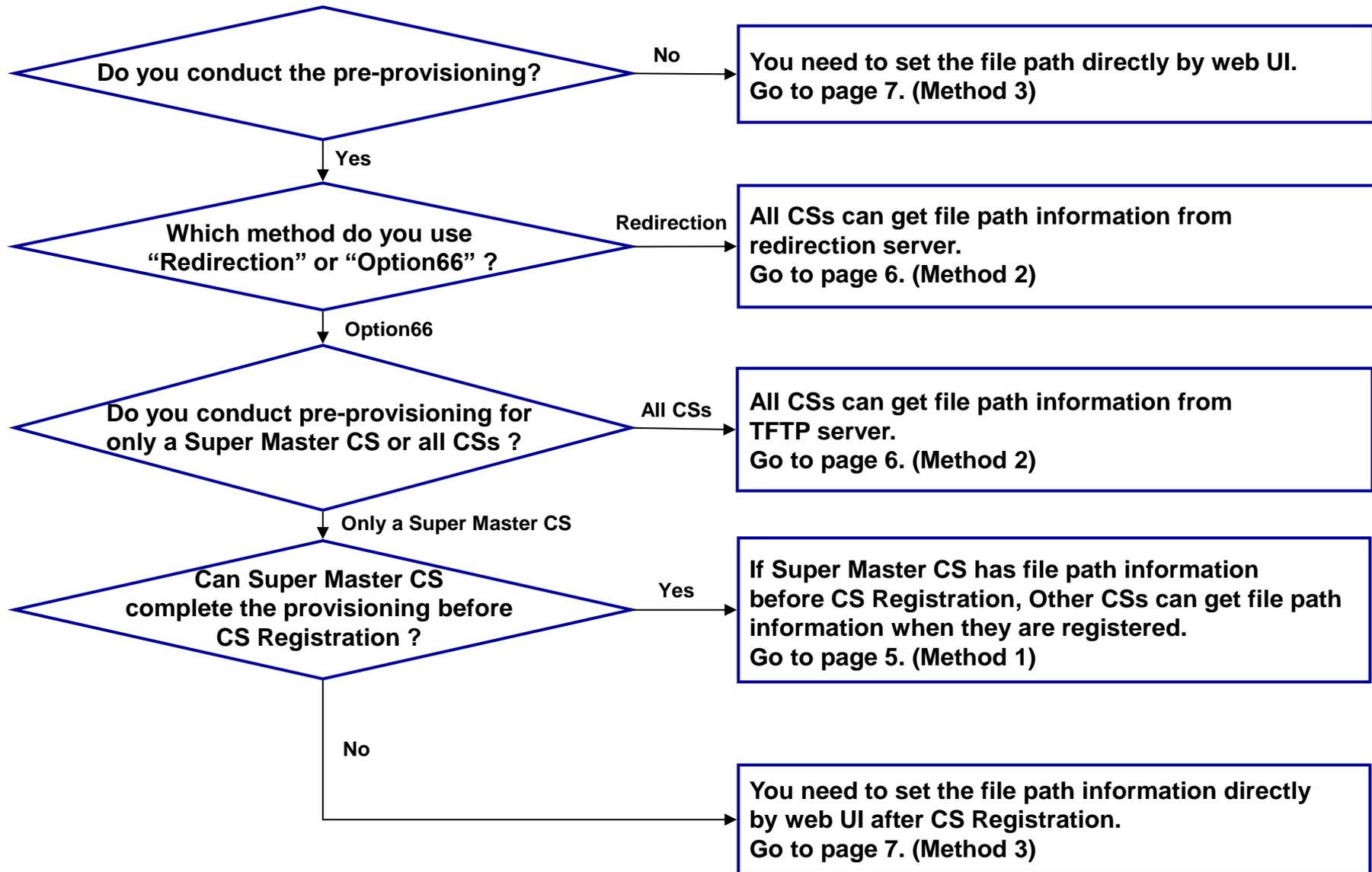In addition , Super Master CS does not distribute the configuration file to other CSs.
So, **all CSs must know provisioning server address (file path)** in order to get
configuration file by itself.
There are **3 methods** to set file path to **all CSs**.
You need to do one of them. Please follow the flowchart in next page.

Flowchart for selecting "Method"

Do you conduct the pre-provisioning? — No → **You need to set the file path directly by web UI. Go to page 7. (Method 3)**

Yes ↓

Which method do you use "Redirection" or "Option66" ? — Redirection → **All CSs can get file path information from redirection server. Go to page 6. (Method 2)**

Option66 ↓

Do you conduct pre-provisioning for only a Super Master CS or all CSs ? — All CSs → **All CSs can get file path information from TFTP server. Go to page 6. (Method 2)**

Only a Super Master CS ↓

Can Super Master CS complete the provisioning before CS Registration ? — Yes → **If Super Master CS has file path information before CS Registration, Other CSs can get file path information when they are registered. Go to page 5. (Method 1)**

No → **You need to set the file path information directly by web UI after CS Registration. Go to page 7. (Method 3)**

Method ①

1. Prepare the configuration file which includes file path **on provisioning server**.
2. Complete the provisioning for super master CS **before CS registration**.
3. Confirm if provisioning has completed. (Refer to the bottom of this page.)
4. Conduct CS registration.
5. After CS registration, file path will be set to all registered CSs.

Configuration file example (for provisioning)

```
# Panasonic SIP Phone Standard Format File # DO NOT CHANGE THIS LINE!

## PS name
PROFILE_NAME_PS1="PS 01"
PROFILE_NAME_PS1="PS 02"
...
## Provisioning Settings
CFG_SYSTEM_FILE_PATH="tftp://prov.example.com/Panasonic/KX-UDS124.cfg"
CFG_MASTER_FILE_PATH="tftp://prov.example.com/Panasonic/UserAccount.cfg"
...
```

By checking the some parameters from web UI,
You can confirm if provisioning has completed .

Before provisioning (example)

PS Name / Number				
No.	PS Name	Select Button	Phone Number	Wireless Status
1		Line1 SIP Setting		Un Registered
		Line2 SIP Setting		
2		Line1 SIP Setting		Un Registered
		Line2 SIP Setting		

After provisioning (example)

PS Name / Number				
No.	PS Name	Select Button	Phone Number	Wireless Status
1	PS 01	Line1 SIP Setting	2001	Un Registered
		Line2 SIP Setting		
2	PS 02	Line1 SIP Setting	2002	Un Registered
		Line2 SIP Setting		

How to set file path ②

Method ②

1. Conduct pre-provisioning to **all CSs**.
2. When a CS has completed pre-provisioning,
   a CS gets information of file path (CFG_xxx_FILE_PATH).

   In case that you use the redirection server for pre-provisioning,
   this condition is met automatically.

Configuration file example (for pre-provisioning)

```
# Panasonic SIP Phone Standard Format File # DO NOT CHANGE THIS LINE!

## Pre Provisioning Settings
OPTION66_ENABLE="Y"
OPTION66_REBOOT="Y"
PROVISION_ENABLE="Y"

## Provisioning Settings
CFG_SYSTEM_FILE_PATH="tftp://prov.example.com/Panasonic/KX-UDS124.cfg"
CFG_MASTER_FILE_PATH="tftp://prov.example.com/Panasonic/UserAccount.cfg"
```

How to set file path ③

Method ③

1. Log in to the Super Master CS.
2. In the [Maintenance] tab, select [Provisioning Maintenance].
3. Enter the file path and click "All Save".
4. File path will be set to all registered CS.

Note:
Once you enter the file path by this method,
you will be **less** able to configure the file path by using configuration file.