Provisioning using HTTPS protocol

(KX-UT1xx series/248)

No. 12-010

May 25 , 2012

Ver.1.1

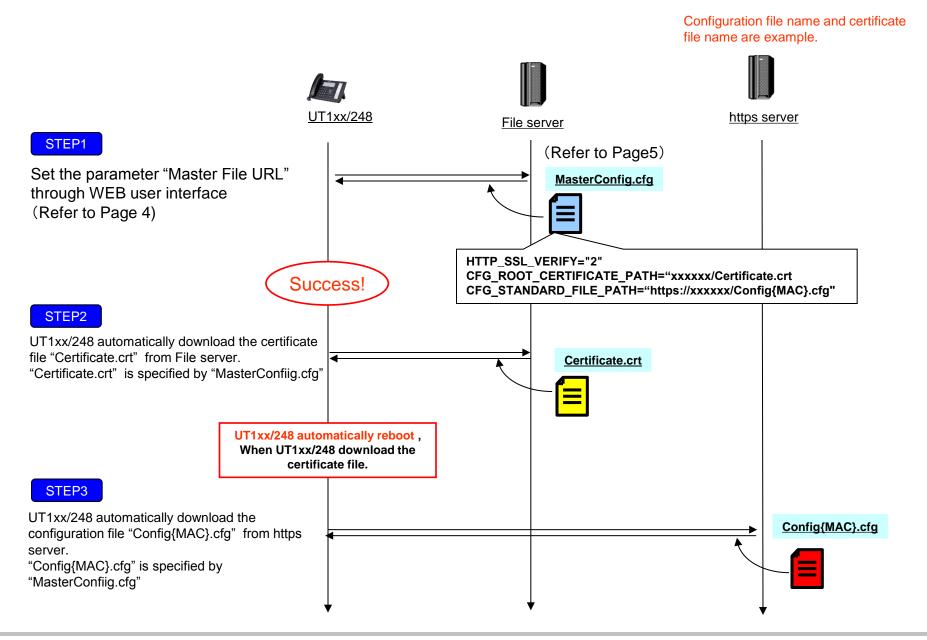Panasonic Corporation

Abstract about this document

This document describe about provisioning using HTTPS protocol.
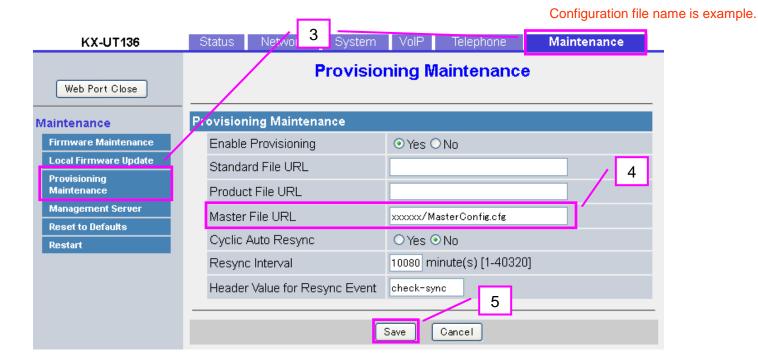
Revision history

Date	Version	Revision	Firmware version
Jun. 22, 2011	Ver. 1.0	Initial Release	All versions
May 25, 2012	Ver. 1.1	Add description about UT248	All versions

Behavior

Configuration file name and certificate file name are example.

UT1xx/248   File server   https server

STEP1

Set the parameter "Master File URL" through WEB user interface
（Refer to Page 4)

（Refer to Page5）

MasterConfig.cfg

```
HTTP_SSL_VERIFY="2"
CFG_ROOT_CERTIFICATE_PATH="xxxxxx/Certificate.crt
CFG_STANDARD_FILE_PATH="https://xxxxxx/Config{MAC}.cfg"
```

Success!

STEP2

UT1xx/248 automatically download the certificate file "Certificate.crt" from File server.
"Certificate.crt" is specified by "MasterConfiig.cfg"

Certificate.crt

UT1xx/248 automatically reboot , When UT1xx/248 download the certificate file.

STEP3

UT1xx/248 automatically download the configuration file "Config{MAC}.cfg" from https server.
"Config{MAC}.cfg" is specified by "MasterConfiig.cfg"

Config{MAC}.cfg

WEB User Interface setting

Configuration file name is example.

1. Enter the IP address into a PC's Web Browser.
   (Refer to final page "How to access Web User Interface")
2. Login as "Administrator".
3. Move to [Maintenance] – [Provisioning Maintenance] screen.
4. Enter the file path in "Master File URL"
5. Click [Save].

Configuration file setting

```
# PCC Standard Format File # DO NOT CHANGE THIS LINE

HTTP_SSL_VERIFY="2"
CFG_ROOT_CERTIFICATE_PATH="xxxxxx/Certificate.crt
CFG_STANDARD_FILE_PATH="https://xxxxxx/Config{MAC}.cfg"
```

1. Please make a configuration file that sets the above settings.
2. Apply Configuration file into UT1xx/248.

Meaning of HTTP_SSL_VERIFY

Value Format	Integer
Description	Specifies whether to enable the verification of the root certificate
Value Range	• 0 (No verification of root certificate) • 1 (Simple verification of root certificate) • 2 (Precise verification of root certificate) Note • If set to "0", the verification of the root certificate is disabled. • If set to "1", the verification of the root certificate is enabled. In this case, the validity of the certificate's date, certificate's chain, and the confirmation of the root certificate will be verified. • If set to "2", precise certificate verification is enabled. In this case, the validity of the server name will be verified in addition to the items verified when "1" is set.
Default Value	0

How to access Web user interface

1. Confirm the IP address of KX-UT1xx/248.
    1-1 : [Setup] (Left soft key) → select [Information Display] → [Enter] →
          [Down] (joystick).
    1-2 : Confirm the IP address displayed on LCD.

2. Embedded Web.
    2-1 : [Setting] (Left soft key) → [#][5][3][4].
    2-2 : Select [On] → [Enter].

3. Access the Web user interface.
    3-1 : Open your Web browser.
    3-2 : Enter your KX-UT1xx/248 URL to Web browser
          (http://your KX-UT1xx/248 IP address) .
    3-3 : Enter Authentication ID and password and click "OK".
          (Default :ID="admin", password="adminpass")