

# **Provisioning using HTTPS protocol**

(KX-TGP series)

No. 02-010

March 3 , 2011

Ver.1.0

Panasonic Corporation

## Abstract about this document

This document describe about provisioning using HTTPS protocol.

## Revision history

Date	Version	Revision	Firmware version
Mar. 3, 2011	Ver. 1.0	Initial Release	All versions

# Behavior

Configuration file name and certificate file name are example.



## STEP1

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

(Refer to Page5)

MasterConfig.cfg

Success!

HTTP\_SSL\_VERIFY="2"  
CFG\_ROOT\_CERTIFICATE\_PATH="xxxxxx/Certificate.crt"  
CFG\_STANDARD\_FILE\_PATH="https://xxxxxx/Config{MAC}.cfg"

## STEP2

TGP automatically download the certificate file "Certificate.crt" from File server.  
"Certificate.crt" is specified by "MasterConfig.cfg"

Certificate.crt

TGP automatically reboot ,  
When TGP download the  
certificate file.

## STEP3

TGP automatically download the configuration file "Config{MAC}.cfg" from https server.  
"Config{MAC}.cfg" is specified by "MasterConfig.cfg"

Config{MAC}.cfg

# WEB User Interface setting

Configuration file name is example.

KX-TGP550T01

Status Network System VoIP Telephone Maintenance

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Web Port Close

Maintenance

- Firmware Maintenance
- Local Firmware Update
- Provisioning Maintenance
- Reset to Defaults
- Restart

Provisioning Maintenance

Enable Provisioning	<input checked="" type="radio"/> Yes <input type="radio"/> No
Standard File URL	
Product File URL	
Master File URL	xxxxxx/MasterConfig.cfg
Cyclic Auto Resync	<input type="radio"/> Yes <input checked="" type="radio"/> No
Resync Interval	10080 minute(s) [1-40320]
Header Value for Resync Event	check-sync

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5

Save Cancel

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 TGP5xx

## Meaning of HTTP\_SSL\_VERIFY

Value Format	Integer
Description	Specifies whether to enable the verification of the root certificate
Value Range	<ul style="list-style-type: none"><li>• 0 (No verification of root certificate)</li><li>• 1 (Simple verification of root certificate)</li><li>• 2 (Precise verification of root certificate)</li></ul> <p>Note</p> <ul style="list-style-type: none"><li>• If set to "0", the verification of the root certificate is disabled.</li><li>• 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.</li><li>• 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.</li></ul>
Default Value	0

# How to access Web user interface

## 1. Confirm the IP address of KX-TGP5xx.

1-1 : Handset [MENU] (center of joystick) → [#][5][0][1].

Base Unit [MENU] (center of joystick) → [#][5][0][1].(KX-TGP550 only)

1-2 : Confirm the IP address displayed on LCD.

## 2. Embedded Web.

2-1 : Handset [MENU] (center of joystick) → [#][5][3][4].

Base Unit [MENU] (center of joystick) → [#][5][3][4].(KX-TGP550 only)

2-2 : Select (On) → [SAVE] (center of joystick) → [OFF].

## 3. Access the Web user interface.

3-1 : Open your Web browser.

3-2 : Enter your KX-TGP5xx URL to Web browser  
(http://your KX-TGP5xx IP address) .

3-3 : Enter Authentication ID and password and click “OK”.  
(Default :ID=“admin”, password=“adminpass”)