

Provisioning sequence and timing of encryption keys (KX-UT1xx series/248)

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Ver.1.1

Panasonic Corporation

Abstract about this document

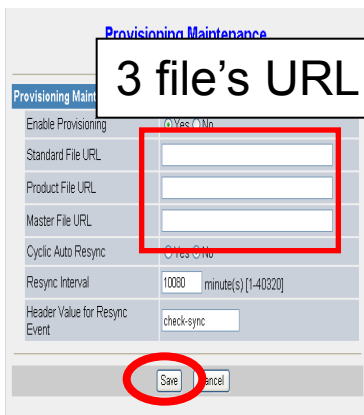
This document describe about the timing when CFG_FILE_KEY is applied to UT1xx/248 during provisioning process. During provisioning, UT1xx/248 use 3 types (Standard, Product, Master) of keys to decrypt each encrypted configuration files depend on the extension name. There is a situation UT1xx/248 fails to decrypt Product and Master file.

This document describes the provisioning sequence and how to use the Key files, also the case UT1xx/248 fails to decrypt files.

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

1. Provisioning processing in UT1xx/248 (In case only Key number 1)



CFG_FILE_KEY1

Save

Decrypt by CFG_FILE_KEY1

Success

Decrypt by CFG_FILE_KEY1

Success

Decrypt by CFG_FILE_KEY1

Success



provisioning server

Standard configuration file

Standardconfig.e1c

Product configuration file

Productconfig.e1c

Master configuration file

Masterconfig.e1c

All Config values are applied

2. Problem case (case different key is used for 3 files)

When you input both Standard and Product File URL, and if Product configuration file use is set to use Key number 2 or 3 (extension set as “e2c” or “e3c”), it is failed to apply Product configuration file since key is not applied at that moment.

Provisioning Maintenance

2 file's URL

Provisioning Maint

Enable Provisioning Yes No

Standard File URL

Product File URL

Master File URL

Cyclic Auto Resync Yes No

Resync Interval 10000 minute(s) [1-40320]

Header Value for Resync Event check-sync

Save Cancel



CFG_FILE_KEY1

Include
CFG_FILE_KEY2

Save

Standard
configuration file

Standardconfig.e1c

Decrypt by CFG_FILE_KEY1

different

Success

Product
configuration file

Productconfig.e2c

Decrypt by default CFG_FILE_KEY2

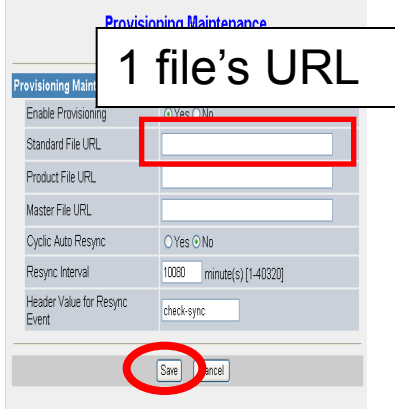
Failure

(Because CFG_FILE_KEY2 is not yet applied at this moment)

All settings are not applied

3. Solution

Please input Standard File URL only so that Key number 2 described in Standard configuration file will be used.



Save

Include
CFG_FILE_KEY2



Decrypt by CFG_FILE_KEY1

Success

Settings in the standard config file are applied
(CFG_FILE_KEY2 is applied)

Decrypt by CFG_FILE_KEY2

Success



Settings in the product config file are applied