

Configuration File Type

(KX-UT670)

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Panasonic Corporation

Abstract about this document

This document describe about specifications of configuration file type. There are 3 types of configuration files and each file has priority based on type of files. Also, these 3 files are downloaded thru provisioning process.

In this document, it is explained that the types of these files, flow of provisioning, and setting priority of these files.

Revision history

Date	Version	Revision	Firmware version
Dec 22, 2011	Ver. 1.0	Initial Release	All versions

Outline

- 1) Explanation about 3 types of configuration files
- 2) Flow of downloading configuration files thru provisioning process.
- 3) Explanation about priority of configuration files

1) 3 types configuration file

Using 3 Types of Configuration Files

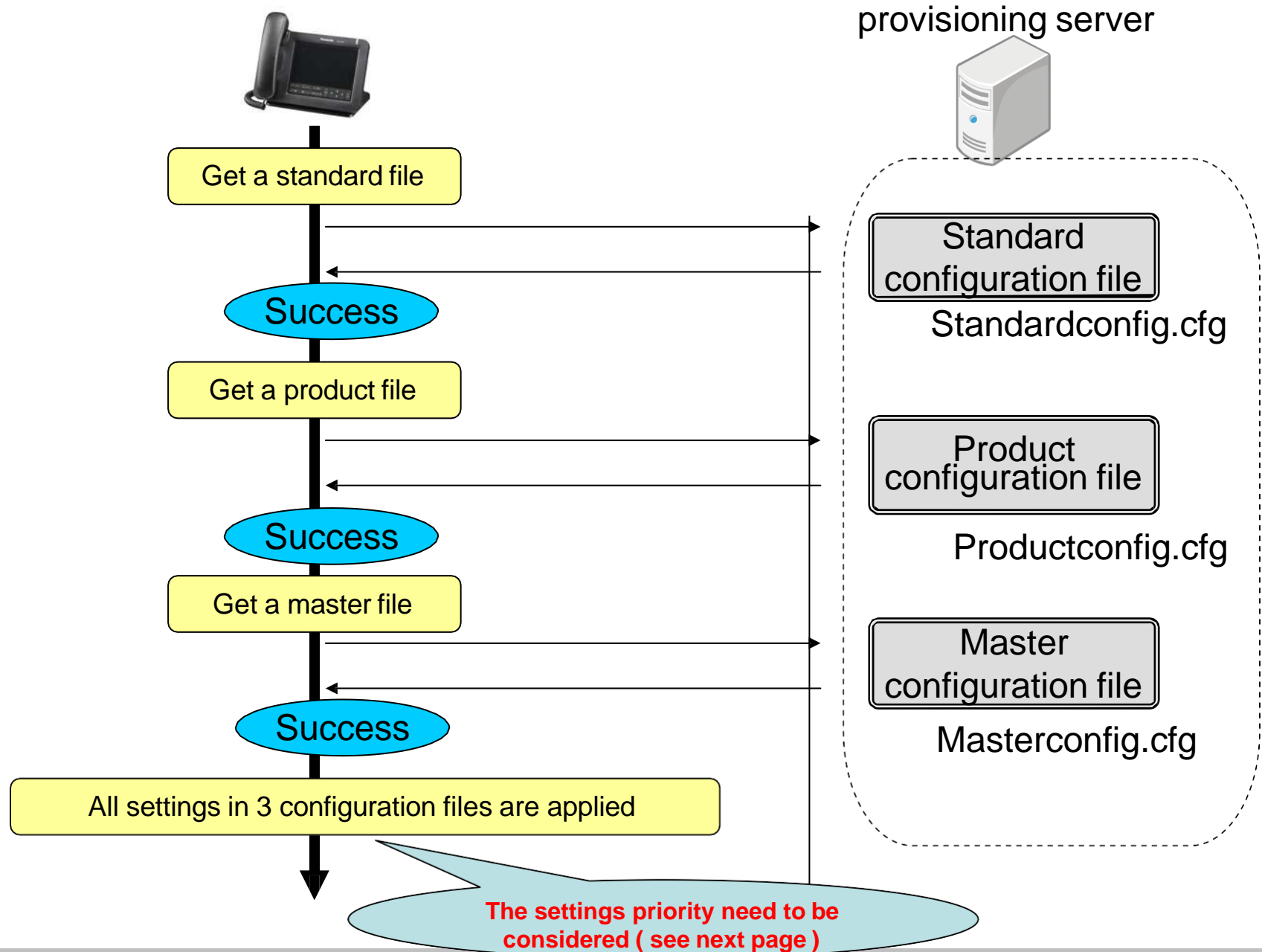
The unit can download up to 3 configuration files. One way to take advantage of this is by classifying the configuration files into the following 3 types:

Type	Usage
Master configuration file	Configure settings that are common to all units, such as the SIP server address, and the IP addresses of the DNS and NTP (Network Time Protocol) servers managed by your phone system dealer. This configuration file is used by all the units. Example of the configuration file's URL: http://prov.example.com/Panasonic/ConfigCommon.cfg
Product configuration file	Configure settings that are required for a particular model, such as the default setting of the privacy mode. This configuration file is used by all the units that have the same model name. The same number of configuration files as models being used on the network are stored on the provisioning server, and units with the same model name download the corresponding configuration file. Example of the configuration file's URL: http://prov.example.com/Panasonic/Config{MODEL}.cfg Note •When a unit requests the configuration file, "{MODEL}" is replaced by the model name of the unit.
Standard configuration file	Configure settings that are unique to each unit, such as the phone number, user ID, password, etc. The same number of configuration files as units are stored on the provisioning server, and each unit downloads the corresponding standard configuration file. Example of the configuration file's URL: http://prov.example.com/Panasonic/Config{MAC}.cfg Note •When a unit requests the configuration file, "{MAC}" is replaced by the MAC address of the unit.

Depending on the situation, you can use all 3 types of configuration files, and can also use only a standard configuration file.

The above example shows only one possible way to use configuration files. Depending on the requirements of your phone system dealer, there are a number of ways to use configuration files effectively.

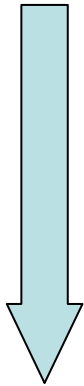
2) process flow to download all configuration files



3) setting priority

Priority

Low



High

The same settings can be configured by different configuration methods: provisioning, Web user interface programming, etc. This section explains which value is applied when the same setting is specified by multiple methods.

The following table shows the priority with which settings from each method are applied (lower numbers indicate higher priority):

Setting Order	Priority	Setting Method
1	4	The factory default settings for the unit
2	3	Pre-provisioning with the configuration file
3	2-3 2-2 2-1	Provisioning with the master configuration file Provisioning with the product configuration file Provisioning with the standard configuration file
4	1	Settings configured from the Web user interface or the phone user Interface

According to the table, settings configured later override previous settings (i.e., settings listed lower in the table have a higher priority).

If different values are specified for the same setting by the master configuration file and Web user interface programming, the value specified from the Web user interface is applied. This is because values specified from the Web user interface have a higher priority.

For settings configured from the Web user interface and the phone user interface, the value specified most recently receives priority.