Method for receiving the data, only from server that can be trusted

(KX-UT670)

No. 22-008

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Ver.1.0

Panasonic Corporation

Abstract about this document

This document describe about behavior and setting method of "SSAF(SIP Source Address Filter)". By using this function, UT670 will reject the call from the server which is not set into UT670.

Revision history

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

Outline

・UT670 have a function that can receive the data "only" from servers set as Register, Proxy or Presence server and reject another server which are not set.

・The function is enabled by setting the parameters of "configuration file" or "Web user interface" .

Configuration file Parameter　　　　　: SIP_DETECT_SSAF_[1-6]

Web user interface Parameter　　　　: Enable SSAF select

Distinguish method of data

1. Register server information by Configuration file or Web user interface

by Web user interface

2. UT670 save IP address of the server to the list.

When server address is registered as FQDN, it is converted into IP address by "name resolution" and stored as list of IP Addresses.

(presenceserver_exam.com → 100.100.100.3)
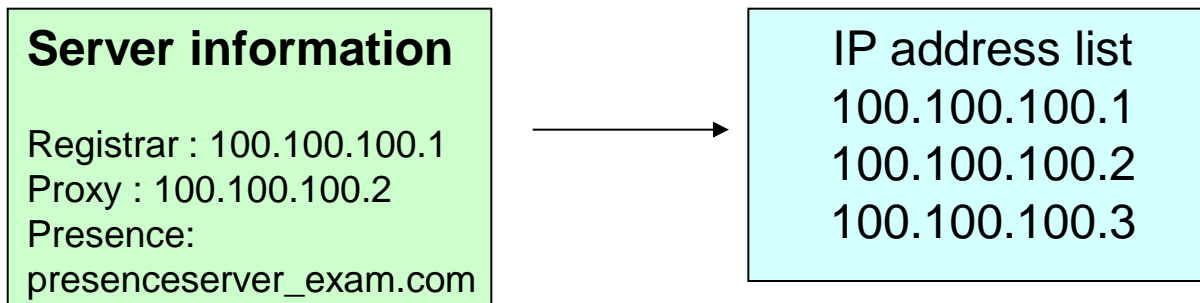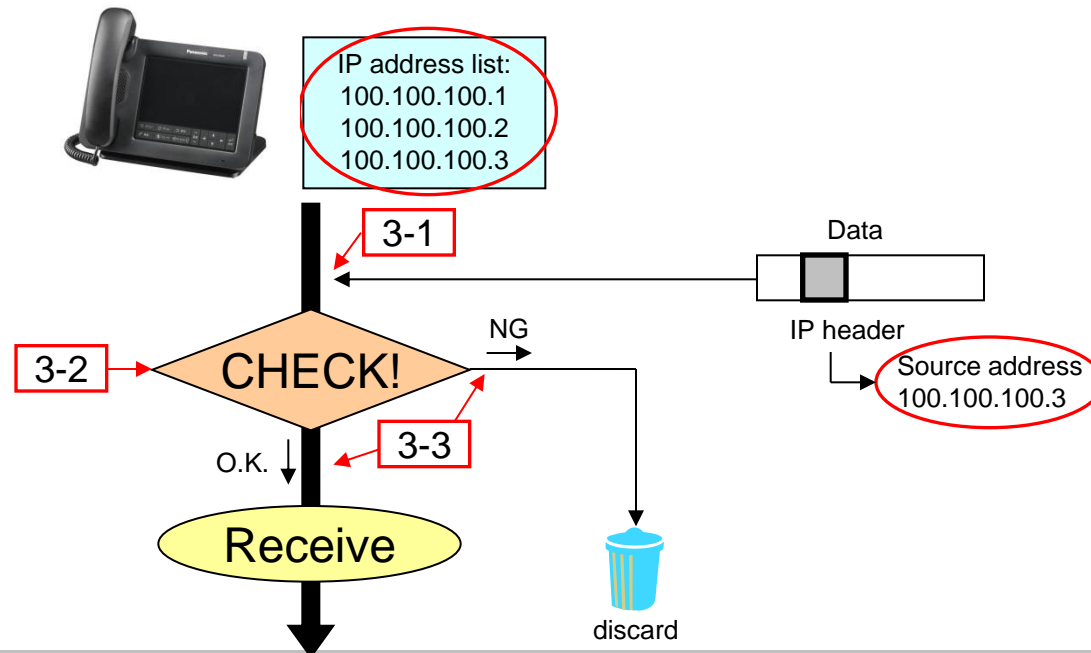
Distinguish method of data

3 – 1 Data arrives at UT670.

3 – 2 Collation is done between IP address list of UT670 and source address of IP header of the data.

3 – 3 As a result of checking,

When source address of the data is in the IP address list, UT670 accept the data.

When it is not so, the data is discarded.

IP address list:
100.100.100.1
100.100.100.2
100.100.100.3

3-1

Data

IP header

NG

3-2 CHECK!

Source address
100.100.100.3

3-3

O.K.

Receive

discard

How to turn on "SSAF"

Via Web user interface

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 [VoIP] – [Line 1] screen.
4. Select "Yes" at "Enable SSAF(SIP Source Address Filter)"
5. Click [Save].
6. Set [Line 2] – [Line 6] in a similar way.

How to turn on "SSAF"

Via Configuration file

```
SIP_DETECT_SSAF_1="Y"
SIP_DETECT_SSAF_2="Y"
SIP_DETECT_SSAF_3="Y"
SIP_DETECT_SSAF_4="Y"
SIP_DETECT_SSAF_5="Y"
SIP_DETECT_SSAF_6="Y"
```

1. Add or change the above-mentioned setting to existing configuration file.
    Note!! If the same parameter is specified in a configuration file more than once, the value specified first is applied.
2. Apply Configuration file into UT670

How to access Web user interface

1. Confirm the IP address of KX-UT670.

1-1 : [Menu] (Upper left of sheet key) →[Settings] → [About phone] → [Status]

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

2. Embedded Web.

2-1 : [Menu] (Upper left of sheet key) →[Settings] → [Network]
→[Embedded web] →select [On]

3. Access the Web user interface.

3-1 : Open your Web browser.

3-2 : Enter your KX-UT670 URL to Web browser
(http://your KX-UT670 IP address) .

3-3 : Enter user name (admin) and password (adminpass) and click "OK".

3-4 : The Web user interface window is displayed.
Configure the settings for the unit as desired.