Supplement for Administrator Guide

SIP Phone

Model No.   KX-HDV130/
KX-HDV230/
KX-HDV330/
KX-HDV430

Please use this supplement manual together

with the latest English Administrator Guide.

KX-HDV130/230/330/430 Software File Version 06.000 or later

1. Add the settings

1.1 Add the WEB settings

(1) 4.5.1 SIP Settings

4.5.1.3 Advanced

TLS Port Random

Description	Selects whether to assign a source port number randomly (ephemeral port) or to use a static source port number when using SIP-TLS. Note 　・This parameter applies to all lines that use SIP-TLS. 　・UDP/TCP ports are completely unaffected by this parameter.
Value Range	・Yes (Assign a source port number randomly) ・No (Use a static source port number (Refer to SIP_SRC_PORT_n))
Default Value	Yes
Configuration File Reference	SIP_TLS_RANDOM_PORT

UDP Port Random

Description	Selects whether to assign a source port number randomly (ephemeral port) or to use a static source port number when using UDP. Note 　・This parameter applies to all lines that use UDP.
Value Range	・Yes (Assign a source port number randomly ・No: (Use a static source port number (Refer to SIP_SRC_PORT_n))
Default Value	No
Configuration File Reference	SIP_UDP_RANDOM_PORT

1.2 Add the configuration parameters

(1) 5.3.2 Basic Network Settings

NW_TEST_COUNT

Value Format	INTEGER
Description	Specifies the number trials for a PING network test.
Value Range	1-16
Default Value	4

NW_TEST_TIMER

Value Format	BOOLEAN
Description	Specifies the length of time, in seconds, for a PING network test timeout.
Value Range	1-10
Default Value	5

(2) 5.3.11 XSI Settings

XSI_ACTION_URL

Value Format	STRING
Description	Specifies a part of the XSI-Action URL.
Value Range	Max. 256 characters
Default Value	com.broadsoft.xsi-actions/v2.0/user

(3) 5.3.22 SIP Settings

ENH_FOVR_RESPONSE_CODE

Value Format	STRING
Description	Specifies the error code for failover. Note ・The available error codes are: 403, 404, 406, 408, 480, 488, 500, 502, 503, 504, 600, 603, 604, 606 　Example: ENH_FOVR_RESPONSE_CODE="408,603"
Value Range	Max. 256 characters
Default Value	Empty string

ENH_FOVR_REGISTER_ENABLE_n

For details about parameter names end with "_n", see "5.2.1 Configuration File Parameters" in Administrator Guide.	
Value Format	BOOLEAN
Description	Specifies whether to enable failover when the response to a REGISTER request is the error code set for ENH_FOVR_RESPONSE_CODE.
Value Range	Y: Enable N: Disable
Default Value	Y

ENH_FOVR_INVITE_ENABLE_n

For details about parameter names end with "_n", see "5.2.1 Configuration File Parameters" in Administrator Guide.	
Value Format	BOOLEAN
Description	Specifies whether to enable failover when the response to an INVITE request is the error code set for ENH_FOVR_RESPONSE_CODE.
Value Range	Y: Enable N: Disable
Default Value	Y

ENH_FOVR_SUBSCRIBE_ENABLE_n

For details about parameter names end with "_n", see "5.2.1 Configuration File Parameters" in Administrator Guide.	
Value Format	BOOLEAN
Description	Specifies whether to enable failover when the response to a SUBSCRIBE request is the error code set for ENH_FOVR_RESPONSE_CODE.
Value Range	Y: Enable N: Disable
Default Value	Y

ENH_FOVR_BYE_ENABLE_n

For details about parameter names end with "_n", see "5.2.1 Configuration File Parameters" in Administrator Guide.	
Value Format	BOOLEAN
Description	Specifies whether to enable failover when the response to a BYE request is the error code set for ENH_FOVR_RESPONSE_CODE.
Value Range	Y: Enable N: Disable
Default Value	Y

SUBSCRIBE_403_REGSEND_ENABLE_n

For details about parameter names end with "_n", see "5.2.1 Configuration File Parameters" in Administrator Guide.	
Value Format	BOOLEAN
Description	Specifies whether to send a REGISTER request when "403" is received as the response to a SUBSCRIBE request.
Value Range	Y: Send N: Do not send
Default Value	N

SIP_UDP_RANDOM_PORT

Value Format	BOOLEAN
Description	Specifies whether to assign a source port number randomly (ephemeral port) or to use a static source port number when using UDP. Note 　・This parameter applies to all lines that use UDP.
Value Range	Y: Assign a source port number randomly N: Use a static source port number (Refer to SIP_SRC_PORT_n)
Default Value	N
Web User Interface Reference	UDP Port Random

(4) 5.3.30 Telephone Settings

BLF_AUTO_SETTING_ENABLE

Value Format	BOOLEAN
Description	Specifies whether to assign "BLF" to flexible keys and DSS keys automatically when there is no function already assigned.
Value Range	Y: Assign "BLF" N: Do not assign "BLF"
Default Value	N

ECO_MODE_PASS_ENABLE

Value Format	BOOLEAN
Description	Specifies whether to require password authentication when setting "ECO mode" from the phone interface. Note ・This password is same as the administrator password for logging in to Web User Interface Programing.
Value Range	Y: Require password authentication N: Do not require password authentication
Default Value	N

EMBEDDED_WEB_PASS_ENABLE

Value Format	BOOLEAN
Description	Specifies whether to require password authentication when setting "Embedded Web" from the phone interface. Note ・This password is same as the administrator password for logging in to Web User Interface Programing.
Value Range	Y: Require password authentication N: Do not require password authentication
Default Value	N

NETWORK_SETTINGS_PASS_ENABLE

Value Format	BOOLEAN
Description	Specifies whether to require password authentication when setting "Network Settings" from the phone interface. Note ・This password is same as the administrator password for logging in to Web User Interface Programing.
Value Range	Y: Require password authentication N: Do not require password authentication
Default Value	N

AUTHENTICATION_PASS_ENABLE

Value Format	BOOLEAN
Description	Specifies whether to require password authentication when setting "Authentication" from the phone interface. Note ・This password is same as the administrator password for logging in to Web User Interface Programing.
Value Range	Y: Require password authentication N: Do not require password authentication
Default Value	N

SYSLOG_TRANSPORT

Value Format	INTEGER
Description	Specifies the protocol for syslog.
Value Range	0: UDP 1: TLS
Default Value	0

SYSLOG_TLS_VERIFY

Value Format	INTEGER
Description	Specifies whether to verify the TLS certificate when "SYSLOG_TRANSPORT" is set to "1"
Value Range	0: Do not verify 1: Verify
Default Value	0

SYSLOG_ROOT_CERT_PATH

Value Format	STRING
Description	Specifies the URL where the root certificate is stored for authenticating the syslog server.
Value Range	Max. 384 characters
Default Value	Empty string

SYSLOG_CLIENT_CERT_PATH

Value Format	STRING
Description	Specifies the URL where the client certificate is stored for authenticating the syslog client.
Value Range	Max. 384 characters
Default Value	Empty string

SYSLOG_PKEY_PATH

Value Format	STRING
Description	Specifies the URL where the private key is stored for authenticating the syslog client.
Value Range	Max. 384 characters
Default Value	Empty string

2. Change the descriptions

(1) 2.1.5 Obtaining a Provisioning Server Address from DHCP Options

Change "d. Format for pre-provisioning server address obtained from DHCP option 66" to the following. (Page 30)

Format: \<scheme\>://\<user\>:\<password\>@\<host\>:\<port\>/\<path\>/\<file name\>

\<scheme\>	Optional	Protocol (TFTP/FTP/HTTP/HTTPS)
\<user\>	Optional	User name
\<password\>	Optional	Password
\<host\>	Mandatory	IP Address or Domain
\<port\>	Optional	Port number
\<path\>	Optional	Path
\<file name\>	Optional	File name

If DHCP option 66 does not include \<scheme\>, {MODEL}.cfg is obtained.*1

If the last character of DHCP option 66 is "/", {MODEL}.cfg is obtained.*1

If XXX.cfg is specified as \<file name\> in DHCP option 66, XXX.cfg is obtained.

*1 For models except those in the USA: Regardless of DHCP option 67 setting, {MODEL}.cfg is obtained

For models in the USA: If DHCP option 67 is set, the file in DHCP option 67 is obtained.

The examples in parentheses below show when {MODEL}.cfg is obtained.

1. Case 1: Protocol and server name
   http://10.0.0.1/ (http://10.0.0.1/{MODEL}.cfg)
   http://prov.com/ (http://prov.com/{MODEL}.cfg)

2. Case 2: Protocol, server name and path
   http://10.0.0.1/pana/ (http://10.0.0.1/pana/{MODEL}.cfg)
   http://prov.com/pana/ (http://prov.com/pana/{MODEL}.cfg)

3. Case 3: Protocol, user name, password and server name
   http://id:pass@10.0.0.1/ (http://id:pass@10.0.0.1/{MODEL}.cfg)
   http://id:pass@prov.com/ (http://id:pass@prov.com/{MODEL}.cfg)

4. Case 4: Server name
   tftp://10.0.0.1 (tftp://10.0.0.1/{MODEL}.cfg)
   tftp://prov.com (tftp://prov.com/{MODEL}.cfg)

(2) ID/PASSWORD for logging in to WEB interface

・Detele "(except !, ", #, $, %, &, ', (,), @, *, +, ,, /, :, ;, \<, =, \>, ?, [,], ^, `, {, |, }, ˜, ¥ and space)"
from Value Range in the following settings.

・Add "An underscore (_) cannot be used as the first character." to Value Range in the following settings.

4.4.2.1 User Password – Current Password, New Password, Confirm New Password

4.4.3.1 Admin Password – Current Password, New Password, Confirm New Password

5.3.8　HTTPD/WEB Settings – USER_ID, USER_PASS, ADMIN_ID, ADMIN_PASS

(3) 5.3.22 SIP Settings

Delete the following configuration parameter. (Page 291)

ENH_FOVR_408_ENABLE_n