Release Note

Software Version：2.10.0

Models：X1/ X2/ X2C/ X3S/ X4/ H2S/ H3/ H5

Date：2019-1-30

1   New Features

1. Added BLF status prompt supports customization.

2. Supported AutoProvision now features.

3. Supported MD5 version validation.

4. Added the mandatory SRTP option.

2   Optimization

1. Optimized TR-069 related issues.

2. Optimized the problem of not accessing LDAP with domain names.

3. Extended the length of alert-info input character to 63.

4. Optimized the stability of SIP function.

5. LLDP, CDP, DHCP VLAN are enabled by default.

6. Extended the length of DSSKEY value.

7. Optimized the way of phone book inquiry.

8. Extended the length of auto provision Static Provisioning Server URL input character.

9. SMS supports 200 Chinese characters.

10. Optimized the phone into the voice mail list, press the OK key to call out the voice mail number.

11. Added Oman (Muscat) time zone.

12. Optimized configuration module. Support for dynamic list configuration and string configuration.

13. Optimized LDAP base length is 128.

14. Optimized automatic jump to time after setting time manually on the phone interface.

15. Optimized the call interface display time can be configured.

3 Bug Fixes

1. Fixed black and white keypad lock timeout not taking effect.

2. Fixed some servers that could not make normal calls.

3. Fixed X4 use hand-free to hear noise on opposite end.

4. Fixed an issue that caused the phone to restart when registering with some servers to change the protocol to TLS.

5. Fixed an action URL that the phone pressed multiple times to make the page unreachable.

6. Fixed a parsing error when the phone received SIP packets with multiple RPID.

7. Fixed the phone cannot set the LDAP function key name.

8. Fixed softkey unable to send HTTP message during call.

9. Fixed some cases where the system hung after clearing configuration restart.

10. Fixed a memory leak caused by blflist that caused the phone to jam.

11. Fixed a BLF that could not be unsubscribed in some cases.

12. Fixed an issue that did not clear the SMS after the call ended, the SMS display was the last content sent by the server.

13. Fixed an issue where invite received alert-info would die.

14. Fixed "0," rule with no secondary dial tone.

15. Fixed some cases where the XML SIP Notify function was not valid.

16. Fixed some cases where the phone stuck in the interface and could not exit.

17. Fixed Broadsoft phonebook phone reboot when querying Chinese Numbers.

18. Fixed issue where Push Message content is not displayed when on call.

19. Fixed the primary backup server will cause registration failure if the protocol or port of server1/2 is different.

20. Fixed two way multicast calls, one way multicast hung up, the other way multicast cannot be automatically restored.

21. Fixed an incorrect number matching when LDAP call query.

22. Fixed subscribe time of BLF is short and subscribe time is inaccurate.

23. Fixed some server send replace invite without SDP, resulting in single pass of phone.

24. Fixed phone reply to invite 200, no bye hang after receiving ACK timeout.

25. Fixed BLF status errors on some servers.

26. Fixed phone receiving Messages-Waiting: yes does not prompt Messages.

27. Fixed   phone not processed after receiving rejection message from some server.

28. Fixed SIP Allow header for empty field phone not hanging up properly.

29. Extend the EAPOL forwarding strategy and fix the problem that the network is abnormal.

    after the PC is connected to the LAN port of the phone

4   New Feature Descriptions

1. **Added BLF status prompt supports customization**

Description：BLF LED lamp mode and line idle state can be controlled through web pages and configuration files.

There are three LED colors: red, green and orange

LED state is divided into four types: on (always on), flash, slow flash, off

Line Idle LED corresponds to the current Line and represents the state of LED when the current Line is Idle

BLF Idle LED represents the state of the LED when the subscriber number is Idle

BLF Ring LED represents the status of the LED when the subscribed number is in the ringing state

BLF Using LED represents the state of the LED when the subscribed number is in a call or outgoing state

BLF Failes LED represents the status of the LED when the subscription number does not exist

BLF Parked LED stands for the status of the LED based on a subscribed number or Parked number
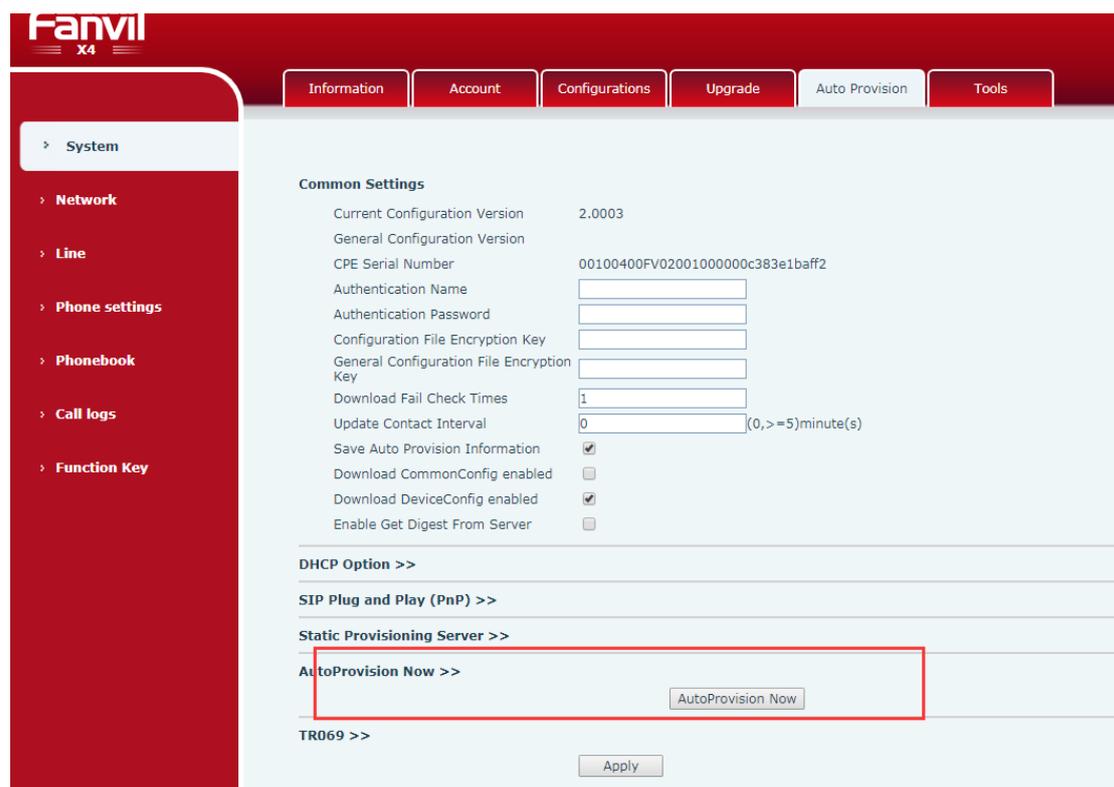
Web page configuration：

2. **Supported AutoProvision now features**

Description：Configure the automatic upgrade mode. Click AutoProvision Now to perform the upgrade immediately.

PnP and DHCP need to restart the phone to get the updated URL, and then click autoProvision now, the phone takes effect without restarting. Static Provision: "Update Mode:" if Disable is selected, this feature will not be enabled. Simply click AutoProvision Now to download the Update After Reboot/Update at Time Interval.

Web page configuration：

3. Supported MD5 version validation

Description：Version output with MD5 value, download the version can be compared to confirm whether the version is consistent

4. Added   the mandatory SRTP option

Description：Add mandatory encryption option to the webpage. The corresponding behavior of the configuration item value is as follows:

　• Close: RTP/AVP does not have a=crypto field

• optional: First SDP is RTP/AVP with a=crypto field; Later SDP, if the other side is optional

or mandatory for RTP/SAVP with a=crypto field, otherwise for RTP/AVP without a=crypto field

• mandatory encryption: RTP/SAVP has a=crypto field

Web page configuration：

5   Optimization Descriptions

1.   Optimized the problem of not accessing LDAP with domain names

Description：LDAP server can fill in the domain name format, which can be accessed by domain name.

2.   Extended the length of Alert-Info input character to 63

Description: Extended the input length of Alert-Info from 31 to 63.
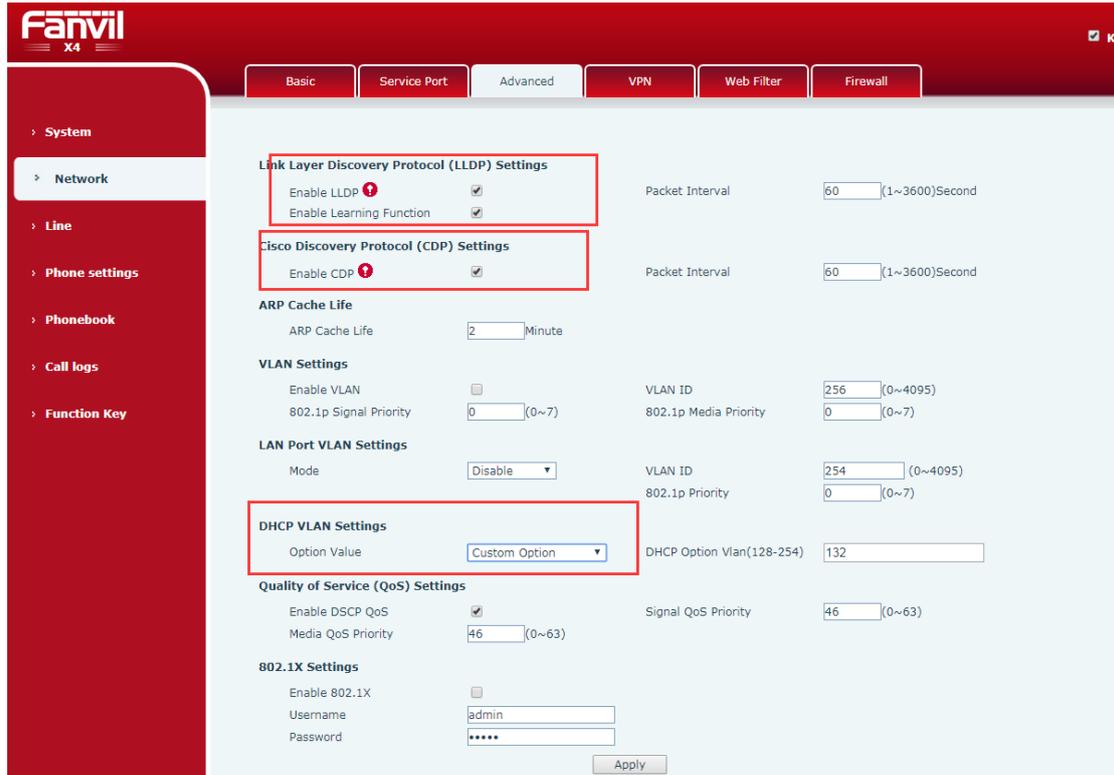
Web page configuration：

3.   Extended the length of alert-info input character from 31 to 63

Description：LLDP, CDP, DHCP VLAN are enabled by default.

Web page configuration：

4. Extended the length of DSSKEY value

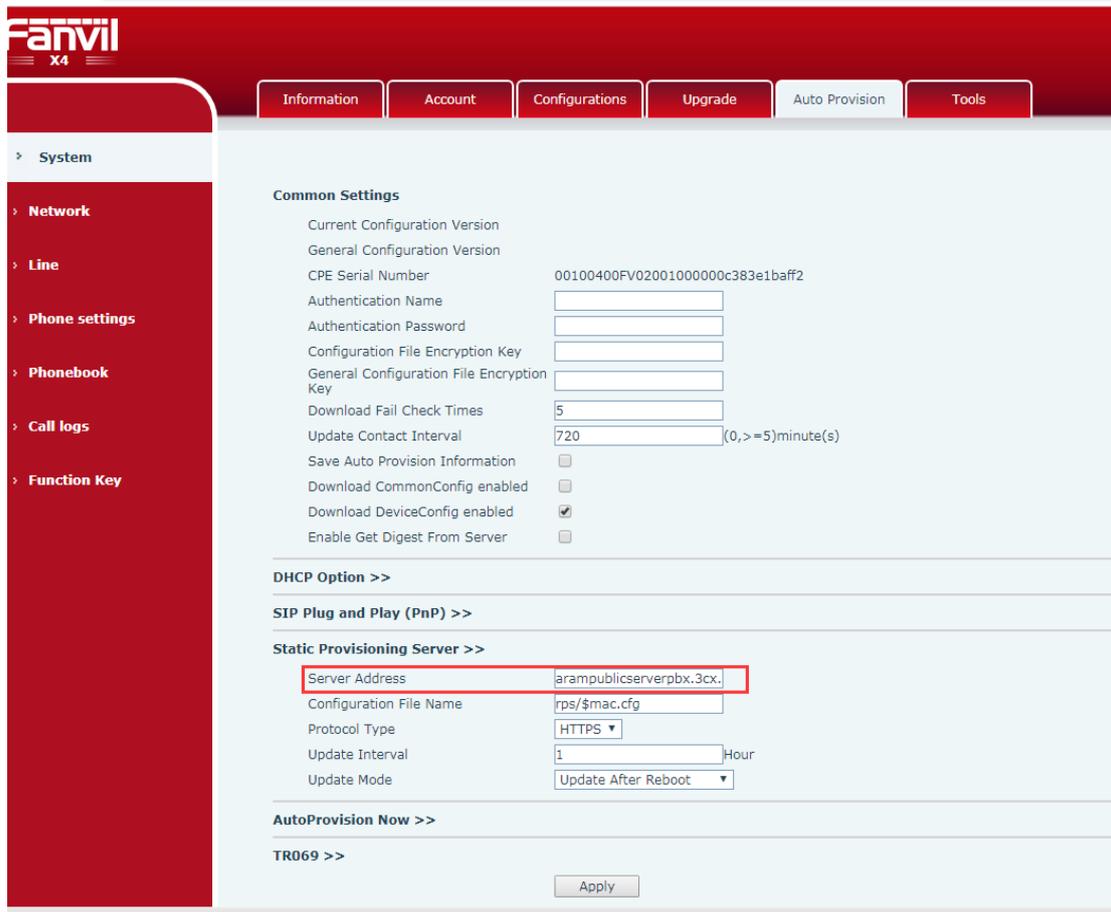**Description**：Extend the length of DSSKEY Value from 128 characters to 196 characters.

5. Optimized the way of phone book inquiry

Description：Local Phonebook / Cloud Phonebook: Support for fuzzy queries. When a number/letter is queried, the contact containing the number/letter can all be displayed. In addition, when you enter a number, the letter with the corresponding number can be queried.

6. Extended the length of auto provision Static Provisioning Server URL input character.

Description：Extend the input length of Static Provisioning Server URL to 128 characters.
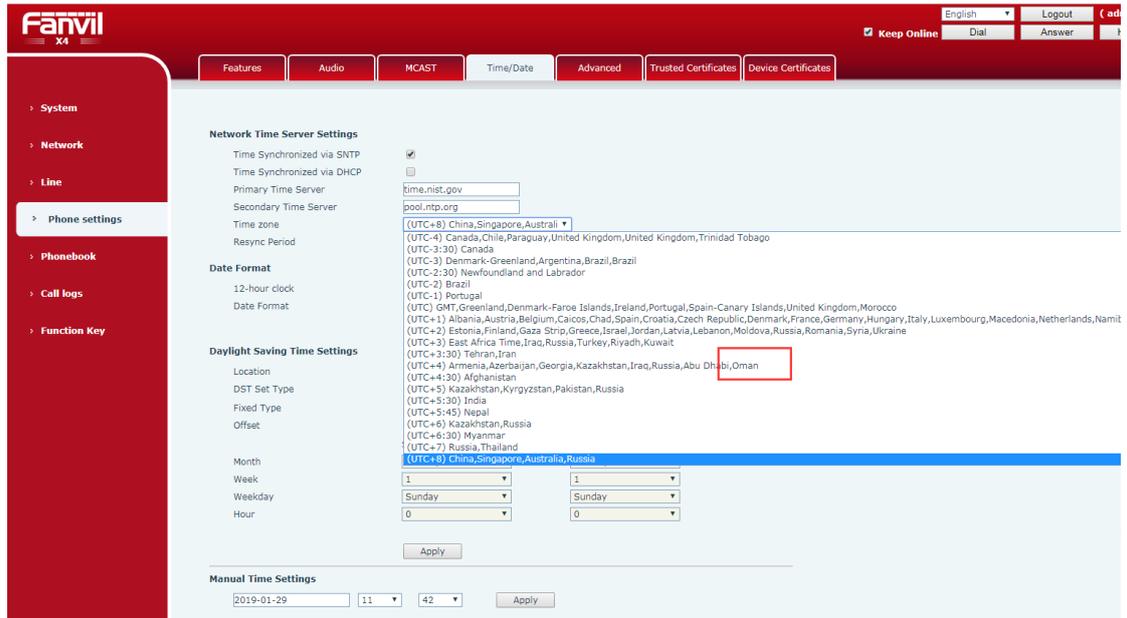
Web page configuration：

7. Optimized the phone into the voice mail list, press the OK key to call out the voice mail number

Description: Enter voice mail display list, press OK key to call directly, equivalent to dial key, instead of edit key.

8. Added Oman(Muscat) time zone

9. Optimized LDAP base length is 128

Description: Optimized LDAP Username, Search bash, Name Filter and Number Filter length.

You can enter 127 characters.

10. Optimized automatic jump to time after setting time manually on the phone interface

1) Adjust the date and time Settings to the front.

2) When setting the date, manually add "/" or ":".

3) Enter the manual setting, and automatically jump to the time setting after setting the date.

11. Optimized the call interface display time can be configured

Description: configuration file add Remove Call Timer control Call time display, default off, can display the normal time. After opening this configuration, the call interface will not display the time.

<PHONE CONFIG MODULE>

Remove Call Timer　: