ZYXEL
COMMUNICATIONS

NR7101
Official Version

Firmware Release Note

V1.00(ABUV.7)C0

Date: Nov, 30, 2022
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Reviewer: Perry Lin

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Revision History

Date	Release	Author	Description
2020/08/18	1.0	Aaron Kuo	V1.00(ABUV.0)C0 First FW release
2021/02/08	1.2	Aaron Kuo	V1.00(ABUV.2)C0 FW release
2021/07/08	1.3	Aaron Kuo	V1.00(ABUV.3)C0 FW release
2021/11/03	1.4	Aaron Kuo	V1.00(ABUV.4)C0 FW release
2022/01/12	1.5	Aaron Kuo	V1.00(ABUV.5)C0 FW release
2022/07/27	1.6	Aaron Kuo	V1.00(ABUV.6)C0 FW release
2022/11/30	1.7	Aaron Kuo	V1.00(ABUV.7)C0 FW release

ZYXEL
COMMUNICATIONS

ZYXEL NR7101

V1.00 (ABUV.7)C0

Release Note

Date: 2022/11/30

Supported Platforms:

ZYXEL NR7101 Generic

Versions:

Firmware version : V1.00(ABUV.7)C0
Bootbase version : U-Boot 1.1.3 (Jul 18 2019 - 14:58:57)
Kernel version: 3.10.14
WLAN code version: V4.0.1.0rev1
LTE Module FW version: RG502QEAAAR11A07M4G

Firmware image information:

Image	Version	File name	MD5 sum
FW Image	V1.00 (ABUV.7)C0	100ABUV0b9.bin	ef0912e0c2bc9d3c7fc3f108e9885d4c

Notes:

N/A

Modifications in V1.00(ABUV.7)C0

Know defects

1. DHCPv6 relay function fails

Feature Enhancement/Configuration Changing

1. TR-471 feature supported
2. Web-GUI MQTT version/Username/Password for MQTT client setting supported
3. Disable TR369/Controller/MQTT in default setting
4. Feature ztr69cli supported
5. Preferred access technology configuration change
6. Enhanced stability under street condition, continuous reconnect after upgrade

Fixed Defects

1. [Zyxel-SI-1433] Fixed specific unauthenticated buffer overflow, post authentication buffer overflow and command injection.
2. Fixed defects for specific TR069, TR369 supported data models
3. Fixed defects for CLI commands operation/functionality.
4. Fixed defects for some specific Web-GUI display information /operations functionality.

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V1.00 (ABUV.6)C0

Release Note

Date: 2022/07/27

Modifications in V1.00(ABUV.6)C0

Know defects

1. DHCPv6 relay function fails

Feature Enhancement/Configuration Changing

1. Upgrade openssl to 1.1.1n version
2. Enhanced IMEI protection mechanism
3. Support TR369 feature

Fixed Defects

1. [Zyxel-SI-1377] Fix specific URL get cleartext storage of sensitive information
2. Fixed defects for specific TR069, TR369 supported data models, functionality.
3. Fixed defects for CLI commands operation/functionality.
4. Fixed defects for some specific Web-GUI display information /operations functionality.

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V1.00 (ABUV.5)C0

Release Note

Date: 2022/01/12

Modifications in V1.00(ABUV.5)C0

Know defects

1. DHCPv6 relay function fails

Feature Enhancement/Configuration Changing

1. Update Automatic APN profile list

Fixed Defects

1. Fixed defects for specific TR069 data models, functionality.
2. Fixed defects for CLI commands operation/functionality.
3. Fixed defects for some specific Web-GUI display information /operations functionality.

ZYXEL NR7101

V1.00 (ABUV.4)C0

Release Note

Date: 2021/11/03

Modifications in V1.00(ABUV.4)C0

Know defects

1. DHCPv6 relay function fails

Feature Enhancement/Configuration Changing

1. Add Boot on Scan feature supported (QSCAN)
2. DHCP option 60/43 supported
3. Support feature to disable 3G by Web-GUI /TR069
4. FQ_Codel feature supported
5. Add QSCAN new feature
6. Upgrade openssl to 1.1.1b version

Fixed Defects

1. Fixed defects for specific TR069 data models, functionality.
2. Fixed defects for some specific Web-GUI display information /operations functionality.

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V1.00 (ABUV.3)C0

Release Note

Date: 2021/07/08

Modifications in V1.00(ABUV.3)C0

Know defects

1. DHCPv6 relay function fails

Feature Enhancement/Configuration Changing

1. Enhance 5G cell id/band details/frequency and 3G PSC on Cellular Info page.
2. Add PCI Lock for NR-5G
3. Enhanced Network Monitoring mechanism
4. DNSMASQ update to 2.78 with vulnerability patch
5. Jumbo Frame (MTU Size 2000) supported

Fixed Defects

1. Fixed defects for specific TR069 data models, functionality.
2. Fixed defects for some specific Web-GUI display information /operations functionality.

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V1.00 (ABUV.2)C0

Release Note

Date: 2021/02/08

Modifications in V1.00(ABUV.2)C0

Know defects

1. DHCPv6 relay function fails
2. TR-069 bound interface can't work until reboot

Feature Enhancement/Configuration Changing

1. Disable neighbourcell feature
2. Add the information of SA mode
3. Only NR5G setting supported in Web-GUI
4. Support IPv6 Remote MGMT on multi APN.
5. Support IPv6 NTPClient.
6. Support to display each APN connection time information
7. Support to display GNSS information on cellular info page.
8. Support to display neighbor cell information on cellular wan status page.
9. Disable 3G as default setting
10. Add MQTT-Client/ TR-69 Client/cellular/ LAN-port/ events to syslog
11. Force search and attach to base station

12. Add conntrack-tools

13. Support Multiple APN and VLAN

14. Support SA mode (Specific module fw: RG502QEAAAR11A01M4G_BETA_20200917A)

15. Upgrade Automatic APN profile list buffer (128 to 512)

16. Add IPERF3 supported feature

Fixed Defects

1. Fixed defects for specific TR069 data models, functionality.

2. Fixed defects for some specific Web-GUI display information /operations functionality.

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V1.00 (ABUV.0)C0

Release Note

Date: 2021/02/08

Notes:

Initial Release