Korenix JetNet Industrial Managed Switch 6059G SOFTWARE RELEASE Notes

Before Upgrade

Before you use the Switch firmware, please ensure that you know the product number and use the correct firmware version. By reading the file, you can know the new feature and changes, the fixed bugs and the restrictions. You can find the latest firmware in the Korenix web site, http://www.korenix.com or get the help from Korenix Customer Support, Korecare@korenix.com .

About This Software Version

The version number and the release date.

Version	Release Date	Model
V2.1 (boot v1.0.0.5)	May. 08, 2019	JetNet 6059G
V2.0 (boot v1.0.0.5)	June. 20, 2017	JetNet 6059G
V1.0 (boot v1.0.0.4)	Oct. 13, 2010	JetNet 6059G
V1.1 (boot v1.0.0.4)	Jun. 9, 2011	JetNet 6059G
V1.1a (boot v1.0.0.4)	Dec. 13, 2011	JetNet 6059G
V1.2 (boot v1.0.0.4)	Jul. 17, 2012	JetNet 6059G
V1.2a (boot v1.0.0.4)	Dec. 26, 2012	JetNet 6059G
V1.2b (boot v1.0.0.4)	Feb. 4, 2013	JetNet 6059G
V1.2c (boot v1.0.0.4)	Aug. 20, 2013	JetNet 6059G
V1.2d (boot v1.0.0.5)	Apr. 25, 2014	JetNet 6059G
V1.3 (boot v1.0.0.5)	Apr. 25, 2014	JetNet 6059G
V1.4 (boot v1.0.0.5)	Jun. 19, 2014	JetNet 6059G

CAUTION: *You can only update the correct firmware to the JetNet switches. Ensure the product model number before you start updating.*

New Changes and Improvement:

The following changes apply to the version v 2.1:

■ Clone History
  ● JetNet6059G-v2.1 clones from git source:
    ◆ commit cae6e3a5ee41f3ff7f4529edb5be916f446eb411
    ◆ git repo: jetnet-mvl.git , master branch.

- Add new features
  - Add TACAS+ feature.
  - Add Multi user feature.
  - Add SFTP feature.
  - Upgrade busybox to 1.23.2.
- Bug fixed
  - Fix SNMP get serial number will effect memory leak issue.
  - Fix MSR looping when rebooting.

The following changes apply to the version v 2.0:

- Clone History
  - JetNet6059G-v2.0 clones from git source:
    - ◆ commit b04da58eb82461f0ccfe8015ebea185b1f346f5e
    - ◆ git repo: jetnet-mvl.git , master branch.

- Add new features
  - Add new CGI web Service.
  - Add support IPv6 for Firefox browser.
  - Fix Ring looping issue. Let reboot device stay in member, do not join RM election, Malaysia Matrade project
  - Add MAB feature.

The following changes apply to the version v1.4:

- Clone history
  - JetNet6059G-v1.4_b1 clones from JetNet6059G-v1.2.33
  - JetNet6059G-v1.4_b2 clones from JetNet6059G-v1.4_b1
  - JetNet6059G-v1.4 clones from JetNet6059G-v1.4_b2
- Add/modify features
  - add super chain function
  - add RDH extension
  - add ethernet ip function
  - add SNMP IPv6 support
  - add new warning event of relay
  - add hardwareStatus mib
  - egress rate limit includes IFG and Preamble
- Remove root password and kn001277 account

The following changes apply to the version v1.3:

■ Clone history

- JetNet6059G-v1.3 clones from JetNet6059G-v1.2d

■ Only rebuild from JetNet6059G-v1.2d for manufactory.

The following changes apply to the version v1.2d:

■ Clone history

- JetNet6059G-v1.2d_beta1 clones from JetNet6059G-v1.2c

- JetNet6059G-v1.2d clones from JetNet6059G-v1.2d_beta1

■ !!!! Important !!!!

- Firmware and boot loader supports new flash AT45DB641E(264) and AT45DB642(1024)

- Boot loader changes to v1.0.0.5

- Must not use the earlier firmware or boot loader on AT45DB642(1024) and AT45DB641E(264).

- New firmware and boot loader are compatible with AT45DB642(1056), AT45DB642(1024) and AT45DB641E(264).

- Add cli command "show hardware flash" to display the page size of flash

■ Improve the performance of loading web

■ Add korenix java sign

■ fix bugs

- JetNet5628G bug #1126

- JetNet6059G bug #651, 652

The following changes apply to the version v1.2c:

■ Clone history

- JetNet6059G-v1.2c_beta1 clones from JetNet6059G-v1.2b

- JetNet6059G-v1.2c clones from JetNet6059G-v1.2c_beta1

■ Add new features to modbus tcp

- write single register function

- write mulitple register function

- add clear rmon register

- add medium type register

- add ring info register

■ fix bug

- IGMP IP subnet mask check

- memory leak bugs (DHCP Server/IGMP)

- invalid CLI input check ("ip route" command)

- there are "ip dhcp client" and "ip address A.B.C.D/musk" in the result of "show running" when dhcp client get ip address

The following changes apply to the version v1.2b:

■ Clone history
- JetNet6059G-v1.2b_beta1 clones from JetNet6059G-v1.2a
- JetNet6059G-v1.2b clones from JetNet6059G-v1.2b_beta1

■ Fix bug #576

■ fix DHCP port-based bugs (client can't get IP address if there have two DHCP servers connected each other)

The following changes apply to the version v1.2a:

■ Clone history
- JetNet6059G-v1.2a_beta1 clones from JetNet6059G-v1.2
- JetNet6059G-v1.2a clones from JetNet6059G-v1.2a_beta1

■ Fix JetNet5010G bug #1448

The following changes apply to the version v1.2:

■ Clone history
- JetNet6059G-v1.2_beta1 clones from JetNet6059G-v1.1.22
- JetNet6059G-v1.2_beta2 clones from JetNet6059G-v1.2_beta1
- JetNet6059G-v1.2_beta3 clones from JetNet6059G-v1.2_beta2
- JetNet6059G-v1.2 clones from JetNet6059G-v1.2_beta3

■ Add DHCP Server Option82, Port based feature, IPv6, Loop Protection, STP enable/disabel by port,

■ Add enable/disable access to the switch via HTTP and Telnet

■ Add Multiple event relay, new ring events

■ Add Web save function, Any ring (Turbo Ring V2)

■ Add IPv6 function

■ Patch

    1) warning event of ring is not occured in log local when snmp trap is enabled

    2) warning event of loop protection is no occured in mail

■ Fix JetNet6059G bug #481, 482, 487, 497, 508

The following changes apply to the version v1.1a:

■ Clone history
- JetNet6059G-v1.a_beta1 clones from JetNet6059G-v1.0.26a

■ Web supports Chinese simplified language

- Add modbus tcp slave

- Apply the new time setting format for daylight saving time

- Fix bug# 420, 425

The following changes apply to the version v1.1:

- Clone history

    - JetNet6059G-v1.0e_beta1 clones from JetNet6059G-v1.0.8

    - JetNet6059G-v1.0e_beta2 clones from JetNet6059G-v1.0e_beta1

    - JetNet6059G-v1.0e_beta3 clones from JetNet6059G-v1.0e_beta2

    - JetNet6059G-v1.0e_beta4 clones from JetNet6059G-v1.0e_beta3

    - JetNet6059G-v1.0e_beta5 clones from JetNet6059G-v1.0e_beta4

    - JetNet6059G-v1.0e clones from JetNet6059G-v1.0e_beta5

- Add new feature

    - MSTP

    - PVLAN

    - QinQ

- Replace fiber link first function by sfp plug first

- add ring failure LED function

- add firmware upgrade LED function

- Fix bug# 348, 349, 351, 359, 360, 361, 362, 363, 364, 367,368, 369, 370, 373, 371, 372. 375, 376, 377

The following changes apply to the version v 1.0:

- Clone from JetNet6059G-v0.1.26d