

Korenix JetNet 5428G Industrial Managed Switch 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 features 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
V1.2b (Armboot v1.0.0.3)	May. 24, 2011	JetNet 5428G, JetNet 5428G-DC (JetNet 5428G-2G-2FX is not included.)
V1.2 (Armboot v1.0.0.3)	Mar. 4, 2011	JetNet 5428G, JetNet 5428G-DC (JetNet 5428G-2G-2FX is not included.)
V1.1 (Armboot v1.0.0.3)	May 10, 2010	JetNet 5428G
V1.0 (Armboot v1.0.0.3)	Dec. 10, 2009	JetNet 5428G

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

New Changes and Improvements:

The following changes apply to the version v 1.2b:

- The Fiber Link First function of the Combo port is Removed. While the SFP is inserted, the combo port is changed to Fiber mode.

The following changes apply to the version v 1.2:

- Add 802.1s Multiple Spanning Tree Protocol (MSTP) function
- Add Private VLAN function
- Add QinQ function
- Add DNS setting in IP configuration
- Add LACP Short Timeout setting in CLI

The following changes apply to the version v 1.1:

- Clone from JetNet5428G-v1.0.19

The following changes apply to the version v 1.0:

- Clone from JetNet5428G-v0.1.7b

Fixes for Known Faults

The following fixes apply to version v 1.2

- OID(1.3.6.1.4.1.24062.2.2.8.3.4.1) - stormControlTable cannot be modified. (bug#85)
- OID(1.3.6.1.4.1.24062.2.2.8.3.5.1.1) - The table and CLI are not sync if we use mib to create a trunk group. (bug#86)

The following fixes apply to version v 1.1

- Injected 100 IGMP Leave group within 1 second and configured last-member-query-count to "2" may crash the switch. It works well when configured to "1". (bug #77)
- OID(1.3.6.1.4.1.24062.2.2.8.9.3.1~4) are not sync with CLI (bug #96)
- Cannot create a new v3 user account for snmp (bug #98)
- We cannot get any data from mib (OID: .3.6.1.4.1.24062.2.2.7.9.3.1~4) (bug #130)
- If a ring is connected with non-ring port, loop traffic may crash the switch. Added CPU protection in new firmware. (bug #164)
- We can't add table at filterSetting table(1.3.6.1.4.1.24062.2.2.7.9.3) (bug #180)
- After changing the value of the unknownMulticastStatus(1.3.6.1.4.1.24062.2.2.8.7.3.1), "show running" can't see the change. Changing to discard(2) is useless. (bug #194)
- The default value of the portTrunkAggregatorSettingTable is "none", not "trunk group7". (bug #205)
- Use JetNet switch as IGMP Querier and continuously inject heavy multicast stream, sometimes one multicast group traffic is filtered even if the table is correct. (bug #206)
- The SNMPv3 user created in MG-Soft SNMP application can't login the switch through MG-Soft. (bug#212)
- R.M. LED is not light up when it acts as the R.M. (#263)
- The port 25-28 LED display is incorrect. (#264)
- After added snmp-server v3 user, writing MIB through SNMPv1/v2c may fail. (#266)

Known Restrictions or Limitations

- The maximum Untagged Jumbo frame size is 9212 bytes, with VLAN tag 9216 bytes. (#125)
- The 4G SFP support only 1000Base-X SFP Transceiver.