

System Software Version 1.6.1 Release Note

(May 29, 2009)

Applied Products

N55x series only (N50x series not affected)

Feature added

❑ Flow control enable/disable on DSL port

In previous version, flow control option could not be configured on DSL port (port name “s0”). Now, users can change the option on DSL port as their need. In flow control enabled configuration, QoS function gets slightly better performance over flow control disabled configuration. However, flow control enabled configuration may cause management channel blocking situation (refer to release note 1.6.0).

Bug fixed

❑ Broadcast frame flooding in VLAN environment.

Sometimes, broadcast frame couldn't be flooded by N55x product appropriately in VLAN environment. So communications between ports (s0, e0..e3) didn't work for a time, especially when a device connected to N55x product loses an ARP entry for a device that it wants to communicate due to aging out sequence. Usually, it makes an ARP request carried over a broadcast frame to find the MAC address of a peer device. If N55x product couldn't flood it appropriately, devices can't resolve ARP entry, in turn, they can't communicate to each other. In newer version (1.6.1), this bug has been fixed.