WRVS4400N Firmware Release Note.

Version: 1.01.03

*** Due to the new features added in this new release, the configuration
*** file of an earlier firmware cannot be used after the firmware is upgraded
*** to v1.01.03. Please reset the router to factory default after the upgrade.

*** Be sure to backup your configuration file first in case you want to
*** revert the firmware back to an earlier version.

Enhancements:

1. Support 802.1Q VLAN (up to 4) including access/trunk modes on LAN ports
   and access mode only on wireless interface.
2. Support advanced IPv6 features on LAN ports:
   - NAPT-PT allows IPv6-only hosts to access IPv4 servers on Internet
     by hostname
   - 6to4 tunnels to connect IPv6 islands through IPv4 Internet
   - Support 6to4 Access Control List to allow traffic between trusted
     IPv6 islands only
   - Support static IPv6 DNS entries for hosts across 6to4 tunnels
   - Support DHCP server for IPv6
3. Support Custom DNS provided by DynDNS.org.
4. Support DHCP static IP based on MAC address. Up to 50 entries are supported.
5. IPSec VPN supports remote gateway defined by a DDNS domain name.
6. QuickVPN supports self-generated certificate on the VPN Client Accounts page.
7. QoS supports bandwidth management (layer-3 QoS).
8. QoS supports DSCP/CoS/port-based QoS (layer-2 QoS).
9. Event logging supports multiple severity levels.
10. Email Alert supports SMTP Authentication.
11. L2 Switch supports port mirroring, and RSTP.
12. DHCP Server (in the Setup->LAN page) supports multiple subnets,
    once multiple VLANs are created.
13. Support routing between VLANs, which can be enabled/disabled in the
    Setup->Advanced Routing page.
14. Support option to block management GUI access by wireless clients.
15. Update IPS Signature file to 1.29.
16. Change 11n default channel bandwidth to 20MHz.
17. US and EU versions are now supported in one firmware. The version
    booting up will be determined by hardware.
18. Support MS-CHAPv2 for PPPoE authentication.

Bug fixes:

1. Check WAN IP address validity based on subnetmask configured.

2. Fix VPN passthrough issue for AT&T VPN clients.

Known Issues:

1. QVPN v1.2.6 behind a NAT router cannot connect to WRVS4400N on the
   Internet.

2. Subnetmask 255.255.255.252 cannot be configured on LAN and it should be removed from the drop-down menu.

Version: 1.00.16

Bug fixes:

1. Fix QuickVPN connection issue if subnet mask is not "255.255.255.0".

Version: 1.00.15

Enhancements:

1. Unify wireless security keywords to match other Linksys Business Series products.

Bug fixes:

1. WLAN to WAN traffic now goes through HNAT. The throughput can be improved from 30+Mbps to over 100Mbps (up to wireless limitation).

2. Fix bug on "When the Remote Security Gateway type is set to Any, an alert window keeps on popping up .This message pops up even though a name is already entered for Local Identity."

Version: 1.00.13

Enhancements:

1. Allow WPA shared key to take 64 Hexadecimal digits.

2. Display wireless MAC address under "Status->Wireless LAN" page.

3. Enhance DHCP server to support hostname up to 63 characters (was limited to 15 chars).

4. Update IPS signature file bundled inside the firmware to v1.25.

5. Update expired SSL certificates

6. Update "WPA Shared Key" GUI term on WPA PSK modes to be consistent with other products.

7. Put port 443 in stealth mode if no VPN client configured.

Bug fixes:

1. Fix issue that port 443 cannot perform port forwarding
   (was reserved for QVPN).

2. Fix issue that single port forwarding cannot work together
   with IP based ACL to limit external access.

3. Enhance UPnP command checking to prevent illegal packet
   forwarding.

Version: 1.00.12

Enhancements:

1. Improve UDP HNAT performance.

2. Update IPS signature file bundled inside the firmware to v1.22.

Bug fixes:

1. Allow NetBIOS traffic to pass through VPN tunnel. This allows
   Windows to search for a computer on the other side of the tunnel.

2. Fix issue that IP ACL rule cannot save if the source IP type is "Any".

3. Fix issue that DHCP server address cannot save if using DHCP relay.

4. Fix 802.11n interoperability with Linksys WPC300N (& WMP300N) on WPA2.
   Please also download latest driver for WPC300N (v4.100.15.5). If using
   windows XP zero config for WPA2, please download windows hotfix KB893357.