D-Link®

Unified Services Router Release Notes

Firmware Version: 1.05B20_WW

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Revision History and System Requirement:

Firmware Version	Region	Date	Model	HW Version
1.01B46_WW	WW	Sep 23, 2011	DSR-250N	A1
1.01B56_WW	WW	Oct 06, 2011	DSR-250N	A1
1.05B06_WW	WW/RU	Dec 12, 2011	DSR-250, DSR-250N	A1
1.05B20_WW	WW/RU	Mar 28, 2012	DSR-250, DSR-250N	A1

Important Notes:

1. Automatic factory reset when image upgrade detects a firmware region mismatch between RU and WW images. Such as firmware upgrade from RU->WW or WW->RU image.

2. Microsoft Windows XP has some well-known limitation to access USB storage of DSR router, D-Link provides a Registry Script file named: WinXP.reg which can solve limitation of Windows XP environment. Without applying this script file, it cannot copy file from Windows XP to USB storage. (This issue will not happen when copy file from USB storage to Windows XP)

Notes for Configuration Auto-Backup/Restore in USB Storage

D-Link DSR router series support configuration backup or restore automatically while a USB drive is inserted. Following information instructs what condition will perform backup/restore.

1. The router configuration will be automatically backed up to the USB drive as soon as the USB drive is inserted. The back name has format <Model Name>_<Serial Number>.cfg   provided this USB drive doesn't have a backup configuration file from a DSR router already present.

2. The system LED on the router blinks 3X in amber to indicate a backup operation has started.

3. The configuration in the USB drive can be updated if the user manually clicks 'Save Settings' in any GUI page and provided the Model Number and the Serial Number of the router matches with the file already present in the USB drive.

4. In case of reboot, the router checks for the presence of configuration file (with format ModelName_SerialNumber.cfg).   If found, the configuration from the USB drive is restored on the router. If a configuration file with the correct format is present in both connected USB drives, the configuration from the first USB drive will be used to restore the router.

5. The USB drive can have only one configuration with the above mentioned format for each model name.

6. If the USB drive is plugged in to the router which is in factory default state, then during reboot, no backup is taken since no custom configuration file exists in the router by that time.   The custom configuration is stored on the USB drive once the user clicks Save Settings in any GUI page.

Upgrading Instructions:

Upgrading by using Web-UI

Please use GUI upgrade feature to upgrade to this firmware version. For detailed installation and upgrade instructions, please refer to the Firmware Upgrades chapter in the *Unified Services Router v1.05 User Manual.*

New Features:

Firmware Version	New Features
1.05B20	1. Support 3G dongle DWM-152 A1/A2/A3, DWM-156 A1/A2/A3, Huawei E1550, E173. 2. Pre-Share key can be configurable in wireless wizard. 3. Change design to disable auto refresh for Traffic Monitor by default.
1.05B06	Support SSH remote management from WAN port
1.01B46	It's the first release.

Changes of MIB & D-View Module:

Firmware Version	New Features
1.05B06	Support LED and IPsec MIB.
1.01B46	It's the first release.

Problems Fixed:

Firmware Version	Problems Fixed
1.05B20	1. IPv6 to IPv4 tunneling is not work. 2. Internet web surfing is very slow for WLAN client if SPPE enabled. 3. Remove CLI command which is not supported in DSR-250/250N. 4. PPTP client is getting disconnected while uploading and downloading files using windows sharing. 5. Device shell is getting stuck after running bulk traffic over PPTP/L2TP tunnel. 6. Bandwidth Usage and Used applications are not displayed in dashboard. 7. Default VLAN will be associated with all the wireless AP after reboot.

	8. Fixing L2TP doesn't reconnects to L2TP server after reboot. 9. Fixing wireless clients is not displayed on status page.
1.05B06	1. Improving link up time of WAN interface less than 1 minute after device power on. 2. Fixing the printer shared port detection issue. 3. Fixing PPTP pass through is not working. 4. Fixing SSL tunnel is disconnected when user tries to download 200 MB file.
1.01B56	1. Improving link up time of WAN interface to 1~1.5 minutes after device power on 2. Fixing PPPoE isn't working in custom MAC address

Known Issues:

Firmware Version	Known Issues
1.05B20	1. Bandwidth Limit not functioning when port name is used in Traffic selector 2. PowerMode is not completely functional. 3. Wan is not getting IP from IPv6 DHCP server in stateful mode. 4. Netperf is unable to pass traffic over IPsec tunnel. 5. Transparent Mode is not supported. 6. Traffic is not going to device's LAN from PPTP/L2TP client after changing WAN ISP, unless PPTP server disables and then enables again. 7. Observed ping loss from WLAN clients to internet. 8. USB file sharing transmission will be disconnected if file size is over 600MB.
1.05B06	1. Bandwidth Limit not functioning when port name is used in Traffic selector 2. PowerMode is not completely functional. 3. Wan is not getting IP from IPv6 DHCP server in stateful mode. 4. Netperf is unable to pass traffic over IPsec tunnel. 5. Transparent Mode is not supported.
1.01B56	1. WAN interface need to take 1~1.5 minutes for link up after device power on. 2. Bandwidth Limit not functioning when port name is used in Traffic selector 3. SSL tunnel is being disconnected when user tries to download 200 MB file 4. Admin user is not able to SSH to device 5. Device is not detecting the printer shared port 6. Wan is not getting IP from IPv6 DHCP server in stateful mode. 7. Host MAC clone is not work. 8. Transparent Mode is not supported.
1.01B46	1. WAN interface need to take 2~3 minutes for link up after device power on. 2. Bandwidth Limit not functioning when port name is used in Traffic selector 3. SSL tunnel is being disconnected when user tries to download 200 MB file 4. Admin user not able to SSH to device 5. Device is not detecting the printer shared port 6. Wan is not getting IP from IPv6 DHCP server in stateful mode. 7. Host MAC clone is not work. 8. PPPoE isn't working in custom MAC address 9. Transparent Mode is not supported.

Related Documentation:

- Unified Services Router User Manual v1.05
- Unified Services Router CLI Reference Guide v1.04