D-Link®

Unified Services Router Release Notes

Firmware Version: 1.05B64_WW

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Content:

Revision History and System Requirement:

Firmware Version	Region	Date	Model	HW Version
1.05B64_WW	WW	Nov 15, 2013	DSR-150N	A2
1.05B48_WW	WW	Nov 20, 2012	DSR-150N	A2

Important Notes:

1. All DSR routers with WW version are not allowed to install RU firmware image in order to prevent unnecessary misunderstanding for customers.

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.)

3. Now we support following 3G dongles on DSR 150N series: DWM-152 A1, DWM-156 A1/A3 and DWM-157.

4. Before plug DWM-152/156 3G USB dongle, please make sure the SIM Card is NOT set PIN code

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 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.

3. 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.

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

5. 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
1.05B64_WW	None
1.05B48_WW	It's the first release.

Changes of MIB & D-View Module:

Firmware Version	New Features
1.05B48_WW	DSR-150N had supported LED MIB.

Problems Fixed:

Firmware Version	Problems Fixed
1.05B64_WW	1. **Security Vulnerabilities Addressed:** devices respond clients some unnecessary information, and hence give hackers a chance to hack devices. **Reference:** CVE-2013-5945, CVE-2013-5946 **Solution:** Remove all unnecessary root user accounts. 2. **Security Vulnerabilities Addressed:** Persistent root access. **Reference:** http://packetstormsecurity.com/files/118355/D-Link-DSR-250N-Backdoor.html **Solution:** Removed CLI commands that could allow someone to overwrite the super user password and gain root access to the device. 3. **Security Vulnerabilities Addressed:** UPnP vulnerabilities identified in the audit of libUPnP code base. **Reference:** CVE-2012-5958, CVE-2012-5959, CVE-2012-5961, CVE-2012-5962, CVE-2012-5963, CVE-2012-5964, CVE-2012-5965 **Solution:** Patched Intel SDK libupnp v1.3.1 to add the following; 1) use 'snprintf' and 'strncpy' instead of 'sprintf' and 'strcpy', 2) While doing a 'strncpy', check if we are copying more bytes than the destination string

	size. 4. Devices don't respond ARP requests sent by a utility called "ARPING". **(DRU20120925000006)** 5. Wrong wordings for URL blocked keyword in the online help. **(DEUR20130201000002)** 6. After rebooting devices, synchronization with NTP didn't works. **(DRU20130424000003)** 7. Multiport port forwarding doesn't work as our expecting behavior. **(DRU20130718000004)** 8. Unable to ping VLAN hosts from PPTP clients when VLAN PVID is configured with 2 digits or more. 9. The L2TP over IPSec tunnel may disconnect if user continuously ping, or download a file (>2GB) via http or ftp. 10. Bandwidth Limit is not functional when port name and interfaces are used in the traffic selector.
1.05B48_WW	It's the first release.

Known Issues:

Firmware Version	Known Issues
1.05B64_WW	1. Not able to print documents through the network printers from Linux LAN hosts.
1.05B48_WW	It's the first release.

Related Documentation:

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