

## Release Notes (93000809)

### Digi TransPort LR Product Family

Version 3.1.0.4 – October, 2017

#### INTRODUCTION

This is a production firmware release for the Digi TransPort LR product family.

#### SUPPORTED PRODUCTS

Digi TransPort LR54 WiFi, LTE  
Digi TransPort LR54 LTE  
Digi TransPort LR54 LTE FIPS

#### SUPPORTED WEB BROWSERS

The following web browsers are supported with the web interface. The latest version and the previous version of each browser have been tested.

- Google Chrome
- Firefox
- Microsoft Internet Explorer 11
- Microsoft Edge

#### IMPORTANT NOTICE

In the 1.5.0 release, the on-demand state has been obsoleted. This state setting will now map into the on state. The on-demand state was useful when a higher priority Ethernet WAN would failover to a cellular WAN. When on demand, the cellular connection would remain unconnected until the network failover occurred. This capability had narrow usefulness and was removed to reduce complexity.

In the 1.4.0 release, the firewall rules were re-organized. The router will now automatically install rules necessary to ensure the correct operation of the device. As a result, the policy rules for the INPUT and FORWARD chains are now always configured to DROP.

If you previously reconfigured the INPUT or FORWARD chain policies to ACCEPT, by upgrading to 1.4.0 or a later release, you will lose access to the router unless you have specific firewall rules to allow traffic to be received or forwarded by the router.

Digi does not recommend for security reasons that you accept all traffic incoming on WAN interfaces. If you do need to add a rule to allow access, the following commands can be used:

```
firewall -A INPUT -j ACCEPT  
firewall -A FORWARD -j ACCEPT
```

```
save config
```

For more information on the firewall, please consult the [TransPort LR User Guide](#).

If you have any questions, please contact Digi Technical Support ([tech.support@digi.com](mailto:tech.support@digi.com))

## KNOWN ISSUES

1. WPA2-Enterprise and WPA Mixed-mode Enterprise security are currently only supported in a single LAN [TLR-3817].
2. The “show ipsec” CLI command does not parse certain advanced ipsec settings properly and may return ERROR instead. This is a cosmetic issue [TLR-4136].
3. TransPort LR devices cannot be managed by Digi Remote Manager’s Profile Manager if profiles have site-specific settings [TLR-4788].
4. When configuring a WAN interface with 'probe-interval' and 'timeout', the 'probe-interval' must be less than the timeout interval, otherwise the default route may disappear [XOS-250].
5. A fully qualified domain name (FQDN) cannot be used to configure a WAN interface “probe-host” [TLR-4908].
6. When changing a WAN interface “probe-host”, the device needs to be rebooted for the change to take effect [XOS-356].

## RECOMMENDED CONFIGURATION CHANGES

Digi recommends that the following configuration changes are made in order to ensure the correct operation of the TransPort LR device.

1. Update the WAN 2 and 3 failover parameters when using SIM to SIM failover.

```
wan 2 timeout 320
wan 2 retry-after 600
wan 3 timeout 320
wan 3 retry-after 600
```

## HISTORY

### 3.1.0.4 – October, 2017

#### ENHANCEMENTS

1. Python 3.6.1 support
2. QoS support
3. GRE Support
4. VRRP support
5. RADIUS server support

#### BUG FIXES

1. Patching to address IPsec CVE-2017-11185 [TLR-7169]

2. Patching to address DNS security vulnerabilities CVE-2017-13704, CVE-2017-14491, CVE-2017-14492, CVE-2017-14493, CVE-2017-14494, CVE-2017-14495, CVE-2017-14496 [TLR-7262]
3. The “show eth” or “show eth port” operation status always down [TLR-7264]

### **3.0.0.5 – August, 2017**

#### **ENHANCEMENTS**

1. IPv6 support
2. OPenVPN support
3. Verizon Dynamic Mobile Network Routing (DMNR) support

#### **BUG FIXES**

1. Can't import exported Remote Manager settings [TLR-5544]
2. Automatically add firewall rules for IPsec tunnels [TLR-6008]

### **1.5.0.5 – June, 2017**

#### **ENHANCEMENTS**

1. New user-friendly Firewall IP filtering support
2. Watchdog for greater system reliability
3. Ability to send system and event logs to Syslog server(s)

#### **BUG FIXES**

1. Sporadic loss of Cellular Connectivity [TLR-5673, TLR-6079, TLR-5834, TLR-6394]

### **1.4.0.8 – April, 2017**

#### **ENHANCEMENTS**

1. Support for Port forwarding has been added.
2. Support for an easy way to allow access for SSH and HTTPS over WAN interfaces has been added.
3. SIM PIN support has been added.
4. The Web UI has the following new pages
  - a. Event log viewer
  - b. File Management

#### **BUG FIXES**

1. An issue where the device would not reconnect to the Digi Remote Manager if the connection was lost has been resolved.
2. An issue where some saved configuration changes were being lost over a reboot has been resolved.
3. An issue with the Getting Started Wizard Digi Remote Manager page has been resolved so that the correct group is displayed.

### **1.3.0.12 – January, 2017**

#### **ENHANCEMENTS**

1. The Traffic Analyzer feature has been added that allows the user to capture traffic on the Ethernet, Cellular and Wi-Fi interfaces, view the traffic on the CLI and save it as a pcapng format file that is compatible with Wireshark.
2. The “show tech-support” command has been added to allow the user to easily capture all of the information needed by the Digi Tech Support team when diagnosing issues.
3. The “show dhcp” command has been added to allow the DHCP server status to be displayed.
4. Traceroute support has been added
5. The Web UI has the following new pages
  - a. Dashboard
  - b. User configuration
  - c. IPsec tunnel configuration
  - d. Digi Remote Manager configuration
  - e. Reboot

#### **BUG FIXES**

1. An issue with the web server that could cause it to crash has been resolved.
2. A cellular MTU issue has been resolved so that the MTU is automatically set for the connect carrier’s network.
3. An issue with default routes not being automatically added when Ethernet interface comes up as been resolved.
4. An issue where a Read-Only user could write to files using SFTP/SCP has been resolved.
5. Various Web UI pages have been updated to resolve minor issues.

### **1.2.1.4 – November, 2016**

#### **ENHANCEMENTS**

There are no enhancements in this release.

#### **BUG FIXES**

1. Verizon disconnect issue
2. The “Skip Wizard” button would redirect the user to initial Getting Started Wizard page instead of the Dashboard.
3. Getting Started Wizard would show an invalid firmware image on the firmware update page.

### **1.2.0.10 – October, 2016**

#### **ENHANCEMENTS**

Our development has worked hard to deliver the following new features and enhancements:

1. Auto-carrier selection based on SIM for AT&T, Verizon and T-Mobile

2. Wi-Fi Alliance certification
3. Cellular modem firmware update
4. Improved Getting Started Wizard
5. Vastly improved web interface

#### **BUG FIXES**

1. Various.

#### **1.1.0.6 – July, 2016**

Initial production release.

#### **1.0.0.4 – May, 2016**

Internal release.