TXOne Release Note - Firmware

Product Type	Industrial EdgeIPS	Release Date	2020/03/18

1. Release Version
- **Firmware Name:** ips.fw.g02_IPS_G02_1.0.8.acf
- **Version:** IPS_G02_1.0.8
- **Revision:** 3065bff6
- **SHA256 Checksum:**
  e1f7884cd11521f796a710cdee4065f0f4c646045746a5df23eeee34487d5d53
- **Signature Info:** TM_200221_16

2. Applied Models
- **Platform: ARM64**
  - IPS-102-BP-TM

3. Release Info
- **TOS**: ips_g02_1.0.8
- **Platform (imx8mm)**: IPS_G02_1.0.7
- **Import**: IPS_G02_1.0.7
- **TDTS**: ics/2.0.27

A. Support Features

B. Improvement

- Allow to forward packets w/ link local addresses, except for MAC PAUSE and LACP.
- Allow to forward LACP packets.

C. Bug Fix

- [TXN-1237] - [IPS] No system fault status of LED when booting failed.
- [TXN-1277] - [Protocol Filter Profile]: The information of 'Unit ID' is incorrect.
- Fixed the missing firmware version for FINS.

D. Known Issue

- [TXN-1183] - If EdgeIPS and protected devices are under different subnets, RST packets may not be sent successfully.

E. Software Limitation

- Policy enforcement cannot block ICMP rules which are based on reversed direction.
- EdgeIPS doesn't support VLAN QinQ traffic.

F. Notes

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- [TXN-1183] is a design issue/limitation. As a result, the gateway set in EdgeIPS MUST have routing rules to send packets to protected devices if EdgeIPS and protected devices are under different subnets. It will be enhanced in next milestone.
- In current design, when service object to set to 'ICMP' and action is set to 'Deny', it won't work if 'Type/Code' are set as response categories or they are related to the other connection.

Comments: