



## **pn events**

### **ONTAP EMS reference**

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# pn events

## pn.driver events

### pn.driver.send.latency.high

#### Severity

NOTICE

#### Description

This message occurs when the pass-through network layer detects driver send latencies that are too high, indicating a noisy neighbor issue in cloud providers that is causing an I/O latency spike.

#### Corrective Action

(None).

#### Syslog Message

Pass-through network layer is reporting an average driver send latency of %d microseconds, which might cause an I/O latency spike.

#### Parameters

**latency** (INT): Average driver send latency in microseconds.

## pn.mvia events

### pn.mvia.driver.rtt.high

#### Severity

NOTICE

#### Description

This message occurs when the round-trip-time (RTT) measured in pass-through network layer exceeds predefined threshold.

#### Corrective Action

(None).

#### Syslog Message

The Ping RTT %d microseconds exceeded the predefined Ping RTT threshold %d microseconds. Average Ping RTT: %d microseconds. ARP RTT: %d microseconds.

#### Parameters

**ping\_rtt** (INT): Ping RTT in microseconds.

**ping\_rtt\_threshold** (INT): The ping RTT threshold.

**ping\_rtt\_avg** (INT): Lifetime average of ping RTT.

**arp\_rtt** (INT): Address Resolution Protocol (ARP) RTT in microseconds.

## **pn.mvia.freeeq.empty**

### **Severity**

NOTICE

### **Description**

This message occurs when the pass-through network layer depletes its supply of buffers for sending traffic, which could cause an Interconnect timeout.

### **Corrective Action**

(None).

### **Syslog Message**

Pass-through network layer free queue empty for %d msecs, which might cause Interconnect timeout.

### **Parameters**

**time** (INT): Duration of depletion in msecs.

## **pn.mvia.nic.reset**

### **Severity**

NOTICE

### **Description**

This message occurs when the passthrough network layer detects network interface card (NIC) state change caused by an NIC reset.

### **Corrective Action**

(None).

### **Syslog Message**

Passthrough network layer detected NIC %s has changed its operational state. New state: %s.

### **Parameters**

**nic\_name** (STRING): NIC name.

**nic\_state\_change** (STRING): NIC state change.

## **pn.mvia.send.starvation**

### **Severity**

NOTICE

### **Description**

This message occurs when the pass-through network layer takes too long to execute the logic for sending traffic, which could cause an Interconnect timeout.

### **Corrective Action**

(None).

### **Syslog Message**

Pass-through network layer "send" thread not run for %d msecs, which might cause Interconnect timeout.

## Parameters

**time** (INT): How long the pass-through network layer has not executed the logic for sending traffic.

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