

# 231- *TcpDump Command*

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## 231.1 TcpDump Command Tree

### Description

This chapter gives an overview of nodes that are handled by "TcpDump Command".

### Command Tree

```
----tcpdump
  ----start
    - vlan
  ----stop
  ----show
```

## 231.2 TcpDump Command

### Command Description

*This command allows the operator to capture packets arriving on Core-0 AI Interface.*

### User Level

*The command can be accessed by operators with security,debug privileges, and executed by operators with security,debug privileges.*

### Command Syntax

The command has the following syntax:

```
> tcpdump
```

## 231.3 tcpdump tool

### Command Description

*tcpdump start: Captures packets arriving on AI port and writes to the file specified.*

*tcpdump stop: Stops the packet capture.*

*tcpdump show: Displays the packets captured.*

### User Level

*The command can be accessed by operators with security, debug privileges, and executed by operators with security, debug privileges.*

### Command Syntax

The command has the following syntax:

```
> tcpdump start vlan <Vlan::VlanIndex>
```

### Command Parameters

Table 231.3-2 "tcpdump tool" Command Parameters

Parameter	Type	Description
vlan	Parameter type: <Vlan::VlanIndex> Format: - vlan id - range: [1...4093]	<i>optional parameter</i> Enter the vlan id.

## 231.4 tcpdump tool

### Command Description

*tcpdump start: Captures packets arriving on AI port and writes to the file specified.*

*tcpdump stop: Stops the packet capture.*

*tcpdump show: Displays the packets captured.*

### User Level

*The command can be accessed by operators with security, debug privileges, and executed by operators with security, debug privileges.*

### Command Syntax

The command has the following syntax:

> tcpdump stop

# 231.5 tcpdump tool

## Command Description

*tcpdump start: Captures packets arriving on AI port and writes to the file specified.*

*tcpdump stop: Stops the packet capture.*

*tcpdump show: Displays the packets captured.*

## User Level

*The command can be accessed by operators with security, debug privileges, and executed by operators with security, debug privileges.*

## Command Syntax

The command has the following syntax:

> tcpdump show