

Comware V7 Syslog NETCONF XML API Data Reference

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Syslog

Syslog/LogBuffer

This table contains log buffer information.

XML structure

```
<Syslog>
  <LogBuffer>
    <State></State>
    <BufferSize></BufferSize>
    <BufferSizeLimit></BufferSizeLimit>
    <LogsCount></LogsCount>
    <DroppedLogsCount></DroppedLogsCount>
    <OverwrittenLogsCount></OverwrittenLogsCount>
    <LogsCountPerSeverity>
      <Emergency></Emergency>
      <Alert></Alert>
      <Critical></Critical>
      <Error></Error>
      <Warning></Warning>
      <Notice></Notice>
      <Informational></Informational>
      <Debug></Debug>
    </LogsCountPerSeverity>
  </LogBuffer>
</Syslog>
```

Table description

Item	Description
Feature name	Syslog
Table name	LogBuffer
Table type	Single-instance table
Row name	None
Restrictions	None

Columns

Column name	Column description	Column type	Data type and restrictions	Remarks
State	Status of the log buffer	N/A	Enumeration: • enable. • disable.	N/A
BufferSize	Maximum log buffer size configured by the user	N/A	Unsigned integer. Value range: 0 to 65535.	N/A
BufferSizeLimit	Maximum log buffer size supported by the device	N/A	Unsigned integer. Value range: 0 to 65535.	N/A
LogsCount	Number of logs stored in the log buffer	N/A	Unsigned integer.	N/A
DroppedLogsCount	Number of dropped logs	N/A	Unsigned integer.	Number of logs dropped after the buffer size was decreased to a value that is smaller than the number of current logs.
OverwrittenLogsCount	Number of overwritten logs	N/A	Unsigned integer.	When the size of the log buffer exceeds the upper limit, new logs overwrites the earliest logs in the log buffer.
LogsCountPerSeverity	The number of each specified severity logs stored in the log buffer	Data structure	Members include: • Emergency • Alert • Critical • Error • Warning • Notice • Informational • Debug	N/A
Emergency	The number of emergency logs stored in the log buffer	N/A	Unsigned integer. Value range: 0 to 65535.	N/A
Alert	The number of alert logs stored in the log buffer	N/A	Unsigned integer. Value range: 0 to 65535.	N/A

Column name	Column description	Column type	Data type and restrictions	Remarks
Critical	The number of critical logs stored in the log buffer	N/A	Unsigned integer. Value range: 0 to 65535.	N/A
Error	The number of error logs stored in the log buffer	N/A	Unsigned integer. Value range: 0 to 65535.	N/A
Warning	The number of warning logs stored in the log buffer	N/A	Unsigned integer. Value range: 0 to 65535.	N/A
Notice	The number of notice logs stored in the log buffer	N/A	Unsigned integer. Value range: 0 to 65535.	N/A
Informational	The number of informational logs stored in the log buffer	N/A	Unsigned integer. Value range: 0 to 65535.	N/A
Debug	The number of debug logs stored in the log buffer	N/A	Unsigned integer. Value range: 0 to 65535.	N/A

Syslog/LogHosts

This table contains the log host information.

XML structure

```

<Syslog>
  <LogHosts>
    <Host>
      <Address></Address>
      <VRF></VRF>
      <Port></Port>
      <Facility></Facility>
    </Host>
  </LogHosts>
</Syslog>

```

Table description

Item	Description
Feature name	Syslog

Table name	LogHosts
Table type	Multi-instance table
Row name	Host
Restrictions	None

Columns

Column name	Column description	Column type	Data type and restrictions	Remarks
Address	IP address of the log host	Index	IPv4: String, dotted decimal notation. IPv6: Hexadecimal string, colon-separated.	IPv4 example: 1.1.1.1. IPv6 example: 1:2:3:4:5:6:7:8.
VRF	VRF instance name	Index	String. Length: 0 to 31 characters.	If the log host is on the public network, the length of characters is 0.
Port	Port number of the log host	N/A	Unsigned integer. Value range: 1 to 65535.	N/A
Facility	Logging facility used by the log host	N/A	Enumeration: • 128—local0. • 136—local1. • 144—local2. • 152—local3. • 160—local4. • 168—local5. • 176—local6. • 184—local7.	N/A

Syslog/Logs

This table contains information about the logs in the log buffer.

XML structure

```

<Syslog>
  <Logs>
    <Log>
      <Index></Index>
      <Time></Time>
      <Group></Group>
      <Digest></Digest>
      <Severity></Severity>
      <Content></Content>
    </Log>
  </Logs>
</Syslog>

```

```

    </Log>
  </Logs>
</Syslog>

```

Table description

Item	Description
Feature name	Syslog
Table name	Logs
Table type	Multi-instance table
Row name	Log
Restrictions	None

Columns

Column name	Column description	Column type	Data type and restrictions
Index	Serial number of the log	N/A	Unsigned integer. Value range: 0 to 65535.
Time	Time when the log was generated	N/A	DateTime. Format: YYYY-MM-DDTHH:MM:SS.
Group	Module that generated the log	N/A	String. Length: 1 to 8 characters.
Digest	Brief description of the log	N/A	String. Length: 1 to 32 characters.
Severity	Severity level of the log	N/A	Enumeration: • 0—Emergency. • 1—Alert. • 2—Critical. • 3—Error. • 4—Warning. • 5—Notification. • 6—Informational. • 7—Debugging.
Content	Content of the log	N/A	String. Length: 0 to 1023 characters.

Syslog/Configuration

This table contains information about syslog (the information center).

XML structure

```
<Syslog>
  <Configuration>
    <State></State>
    <DuplicateLogSuppression></DuplicateLogSuppression>
  </Configuration>
</Syslog>
```

Table description

Item	Description
Feature name	Syslog
Table name	Configuration
Table type	Single-instance table
Row name	None
Restrictions	None

Columns

Column name	Column description	Column type	Data type and restrictions
State	Status of syslog (the information center)	N/A	Enumeration: • enable. • disabe.
DuplicateLogSuppression	Status of the duplicate log suppression feature	N/A	Enumeration: • enable. • disabe.