

Comware V7 TimeRange NETCONF XML API Data Reference

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TimeRange

TimeRange/TimeRanges

This table contains time range information.

XML structure

```
<TimeRange>
  <TimeRanges>
    <Range>
      <Name></Name>
      <Status></Status>
    </Range>
  </TimeRanges>
</TimeRange>
```

Table description

Item	Description
Feature name	TimeRange
Table name	TimeRanges
Table type	Multi-instance table
Row name	Range
Restrictions	None

Columns

Column name	Column description	Column type	Data type and restrictions
Name	Time range name	Index	String, case-insensitive. Length: 1 to 32 characters. The string must start with an English letter.
Status	Time range status	N/A	Enumeration: • 1—Active. • 2—Inactive.

TimeRange/AbsRanges

This table contains information about absolute time range statements.

XML structure

```
<TimeRange>
  <AbsRanges>
    <AbsRange>
      <TimeRangeName></TimeRangeName>
      <ID></ID>
      <Start>
        <StartTime></StartTime>
        <StartDate></StartDate>
      </Start>
      <End>
        <EndTime></EndTime>
        <EndDate></EndDate>
      </End>
    </AbsRange>
  </AbsRanges>
</TimeRange>
```

Table description

Item	Description
Feature name	TimeRange
Table name	AbsRanges
Table type	Multi-instance table
Row name	AbsRange
Restrictions	None

Columns

Column name	Column description	Column type	Data type and restrictions	Remarks
TimeRangeName	Time range name	Index	String, case-insensitive. Length: 1 to 32 characters. The string must start with an English letter.	N/A
ID	Absolute statement ID	Index	Unsigned integer. Value range: 1 to 12.	N/A

Column name	Column description	Column type	Data type and restrictions	Remarks
Start	Start time and date of an absolute statement	Data structure	Members include: • StartTime. • StartDate.	The two members must both be specified.
StartTime	Start time of an absolute statement	N/A	Format: hh:mm. Value range: 00:00 to 23:59.	N/A
StartDate	Start date of an absolute statement.	N/A	Format: YYYY-MM-DD. Value range: 1970-01-01 to 2100-12-31.	N/A
End	End time and date of an absolute statement	Data structure	Members include: • EndTime. • EndDate.	The two members must both be specified.
EndTime	End time of an absolute statement	N/A	Format: hh:mm. Value range: 00:00 to 24:00.	N/A
EndDate	End date of an absolute statement	N/A	Format: YYYY-MM-DD. Value range: 1970-01-01 to 2100-12-31.	N/A

TimeRange/PerRanges

This table contains information about periodic time range statements.

XML structure

```

<TimeRange>
  <PerRanges>
    <PerRange>
      <TimeRangeName></TimeRangeName>
      <ID></ID>
      <StartTime></StartTime>
      <EndTime></EndTime>
      <DayOfWeek>
        <Sun></Sun>
        <Mon></Mon>
        <Tue></Tue>
        <Wed></Wed>
        <Thu></Thu>
        <Fri></Fri>
        <Sat></Sat>
      </DayOfWeek>
    </PerRange>
  </PerRanges>
</TimeRange>

```

```

    </PerRanges>
  </TimeRange>

```

Table description

Item	Description
Feature name	TimeRange
Table name	PerRanges
Table type	Multi-instance table
Row name	PerRange
Restrictions	None

Columns

Column name	Column description	Column type	Data type and restrictions
TimeRangeName	Time range name	Index	String, case-insensitive. Length: 1 to 32 characters. The string must start with an English letter.
ID	Periodic statement ID	Index	Unsigned integer. Value range: 1 to 32.
StartTime	Start time of a periodic statement	N/A	Format: hh:mm. Value range: 00:00 to 23:59.
EndTime	End time of a periodic statement	N/A	Format: hh:mm. Value range: 00:00 to 24:00.
DayOfWeek	Day of the week	Data structure	Members include: • Sun. • Mon. • Tue. • Wed. • Thu. • Fri. • Sat.
Sun	Sunday	N/A	Boolean: • true—Specified. • false—Not specified (default).
Mon	Monday	N/A	Boolean: • true—Specified. • false—Not specified (default).

Column name	Column description	Column type	Data type and restrictions
Tue	Tuesday	N/A	Boolean: • true—Specified. • false—Not specified (default).
Wed	Wednesday	N/A	Boolean: • true—Specified. • false—Not specified (default).
Thu	Thursday	N/A	Boolean: • true—Specified. • false—Not specified (default).
Fri	Friday	N/A	Boolean: • true—Specified. • false—Not specified (default).
Sat	Saturday	N/A	Boolean: • true—Specified. • false—Not specified (default).