

Comware V7 TimeRange NETCONF XML API Configuration Reference

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TimeRange

TimeRange/TimeRanges

This table contains time range information.

XML structure

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

Table description

Item	Description
Feature name	TimeRange
Table name	TimeRanges
Table type	Multi-instance table
Row name	Range
Restrictions	None
Support for row creation and deletion	Yes

Columns

Column name	Column description	Column type	Data type and restrictions	Remarks
Name	Time range name	Index	String, case-insensitive. Length: 1 to 32 characters. The string must start with an English letter.	The time range name cannot be all .

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
Support for row creation and deletion	Yes

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.	You must create a time range before you create, merge, or replace statements for it.
ID	Absolute statement ID	Index	Unsigned integer. Value range: 1 to 12.	If you set this column to 0, the system automatically assigns a new statement ID. This statement ID is the smallest available integer in the range of 1 to 12.

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.	- You cannot specify a start time and date when you remove or delete a statement. - You must specify a start time and date when you create, merge, or replace a statement.
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.	- You cannot specify an end time and date when you remove or delete a statement. - You must specify an end time and date when you create, merge, or replace a statement.
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>

```

Table description

Item	Description
Feature name	TimeRange
Table name	PerRanges
Table type	Multi-instance table
Row name	PerRange
Restrictions	None
Support for row creation and deletion	Yes

Columns

Column name	Column description	Column type	Data type and restrictions	Remark
TimeRangeName	Time range name	Index	String, case-insensitive. Length: 1 to 32 characters. The string must start with an English letter.	You must create a time range before you create, merge, or replace statements for it.
ID	Periodic statement ID	Index	Unsigned integer. Value range: 1 to 32.	If you set this column to 0, the system automatically assigns a new statement ID. This statement ID is the smallest available integer in the range of 1 to 32.

Column name	Column description	Column type	Data type and restrictions	Remark
StartTime	Start time of a periodic statement	N/A	Format: hh:mm. Value range: 00:00 to 23:59.	- You cannot specify a start time when you remove or delete a statement. - You must specify a start time when you create, merge, or replace a statement. - Start time must be smaller than end time.
EndTime	End time of a periodic statement	N/A	Format: hh:mm. Value range: 00:00 to 24:00.	- You cannot specify an end time when you remove or delete a statement. - You must specify an end time when you create, merge, or replace a statement. - End time must be greater than start time.
DayOfWeek	Day of the week	Data structure	Members include: - Sun. - Mon. - Tue. - Wed. - Thu. - Fri. - Sat.	- You cannot specify any day of the week when you remove or delete a statement. - You must specify at least one day of the week when you create, merge, or replace a statement.
Sun	Sunday	N/A	Boolean: true—Specified. false—Not specified (default).	N/A
Mon	Monday	N/A	Boolean: true—Specified. false—Not specified (default).	N/A
Tue	Tuesday	N/A	Boolean: true—Specified. false—Not specified (default).	N/A
Wed	Wednesday	N/A	Boolean: true—Specified. false—Not specified (default).	N/A

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