



# PCC-TimeDef Configuration Mode Commands



## Important

This configuration mode is supported from StarOS Release 12.1 onward.

## Command Modes

The PCC-TimeDef Configuration Mode is used to configure various time definitions (TimeDefs) in the PCC-service instance. A PCC-TimeDef specifies the start and end time for triggering policy-related procedures or conditions.

Exec > Global Configuration > Context Configuration > PCC Service Configuration > PCC TimeDef Configuration

**configure** > **context** *context\_name* > **pcc-service** *service\_name* > **timedef** *timedef\_name*

Entering the above command sequence results in the following prompt:

```
[context_name]host_name(config-pcc-timedef) #
```



## Important

The commands or keywords/variables that are available are dependent on platform type, product version, and installed license(s).



## Important

For information on common commands available in this configuration mode, refer to the [Common Commands](#) chapter.

- [start date](#), on page 1
- [start day](#), on page 3
- [start time](#), on page 4
- [time-slot](#), on page 5

## start date

This command defines PCC-TimeDefs with a start and end dates with time for an event to trigger a procedure or condition in an IP-CAN session.

<b>Product</b>	IPCF
<b>Privilege</b>	Security Administrator, Administrator
<b>Command Modes</b>	Exec > Global Configuration > Context Configuration > PCC Service Configuration > PCC TimeDef Configuration  <b>configure &gt; context</b> <i>context_name</i> > <b>pcc-service</b> <i>service_name</i> > <b>timedef</b> <i>timedef_name</i>  Entering the above command sequence results in the following prompt:  [ <i>context_name</i> ]host_name(config-pcc-timedef)#

**Syntax Description** [no] **start date** *start\_date* **time** *start\_time* **end date** *end\_date* **time** *end\_time*

**no**

Removes the specified time definition.

**date** *start\_date*

Specifies the start date *start\_date* in *MM/DD/YY* format.

Following format is used for *MM/DD/YY* in *start\_date*:

- *MM* specifies the month of the start date from January through December and must be an integer between 1 through 12.
- *DD* specifies the date of month of the start date 1 through 31 and must be an integer between 1 through 31.
- *YY* specifies the year of the start date from 2010 through 2037 and must be an integer between 10 through 37.

**time** *start\_time*

Specifies the start time *start\_time* in *HH MIN SS* format.

Following format is used for *HH MIN SS* in *start\_time*:

- *HH* specifies the hour of the start date in 24 hour format and must be an integer between 00 through 23.
- *MIN* specifies the minutes of the hour of the start date must be an integer between 00 through 59.
- *SS* specifies the seconds of the minute of the start date must be an integer between 00 through 59.

**end date** *end\_date*

Specifies the end date *end\_date* in *MM/DD/YY* format.

Following format is used for *MM/DD/YY* in *end\_date*:

- *MM* specifies the month of the end date from January through December and must be an integer between 1 through 12.
- *DD* specifies the date of month of the end date 1 through 31 and must be an integer between 1 through 31.
- *YY* specifies the year of the end date from 2010 through 2037 and must be an integer between 10 through 37.

**time end\_time**

Specifies the end time *end\_time* in *HH MIN SS* format.

Following format is used for *HH MIN SS* in *end\_time*:

- *HH* specifies the hour of the end date in 24 hour format and must be an integer between 00 through 23.
- *MIN* specifies the minutes of the hour of the end date must be an integer between 00 through 59.
- *SS* specifies the seconds of the minute of the end date must be an integer between 00 through 59.

**Usage Guidelines**

Use this command to define a PCC-TimeDef with a start and end dates with time for an event to trigger a procedure or condition in an IP-CAN session.

**Example**

The following command defines a PCC-TimeDef with start date as December 31st 2010 at 00 Hrs. 30 mins. and 00 seconds and end date as January 31st 2011 at 23 Hrs. 59 mins. and 59 seconds:

```
start date 12/31/10 time 00 30 00 end date 01/31/11 time 23 59 59
```

# start day

This command defines PCC-TimeDefs with a start and end week days with time for an event to trigger a procedure or condition in an IP-CAN session.

**Product**

IPCF

**Privilege**

Security Administrator, Administrator

**Command Modes**

Exec > Global Configuration > Context Configuration > PCC Service Configuration > PCC TimeDef Configuration

```
configure > context context_name > pcc-service service_name > timedef timedef_name
```

Entering the above command sequence results in the following prompt:

```
[context_name]host_name(config-pcc-timedef)#
```

**Syntax Description**

```
[no] start day start_weekdays time start_time end day end_weekdays time end_time
```

**no**

Removes the specified time definition.

**day start\_weekdays**

Specifies the start day as week days.

Following days are used as *start\_weekdays*:

- **friday** specifies Friday of the week as start day.
- **monday** specifies Monday of the week as start day.
- **saturday** specifies Saturday of the week as start day.
- **sunday** specifies Sunday of the week as start day.

- **thursday** specifies Thursday of the week as start day.
- **tuesday** specifies Tuesday of the week as start day.
- **wednesday** specifies Wednesday of the week as start day.

#### **time start\_time**

Specifies the start time *start\_time* in *HH MIN SS* format.

Following format is used for *HH MIN SS* in *start\_time*:

- *HH* specifies the hour of the start day in 24 hour format and must be an integer between 00 through 23.
- *MIN* specifies the minutes of the hour of the start day must be an integer between 00 through 59.
- *SS* specifies the seconds of the minute of the start day must be an integer between 00 through 59.

#### **end day end\_weekdays**

Specifies the end day as week days.

Following days are used as *end\_weekdays*:

- **friday** specifies Friday of the week as end day.
- **monday** specifies Monday of the week as end day.
- **saturday** specifies Saturday of the week as end day.
- **sunday** specifies Sunday of the week as end day.
- **thursday** specifies Thursday of the week as end day.
- **tuesday** specifies Tuesday of the week as end day.
- **wednesday** specifies Wednesday of the week as end day.

#### **time end\_time**

Specifies the end time *end\_time* in *HH MIN SS* format.

Following format is used for *HH MIN SS* in *end\_time*:

- *HH* specifies the hour of the end day in 24 hour format and must be an integer between 00 through 23.
- *MIN* specifies the minutes of the hour of the end day must be an integer between 00 through 59.
- *SS* specifies the seconds of the minute of the end day must be an integer between 00 through 59.

#### **Usage Guidelines**

Use this command to define a PCC-TimeDef with a start and end weekdays with time for an event to trigger a procedure or condition in an IP-CAN session.

#### **Example**

The following command defines a PCC-TimeDef with start day as Friday at 00 Hrs. 30 mins. and 00 seconds and end day as Sunday at 23 Hrs. 59 mins. and 59 seconds:

```
start day friday time 00 30 00 end day sunday time 23 59 59
```

## **start time**

This command defines PCC-TimeDefs with a start and end time of a day for an event to trigger a procedure or condition in an IP-CAN session.

<b>Product</b>	IPCF
<b>Privilege</b>	Security Administrator, Administrator
<b>Command Modes</b>	Exec > Global Configuration > Context Configuration > PCC Service Configuration > PCC TimeDef Configuration  <b>configure &gt; context</b> <i>context_name</i> > <b>pcc-service</b> <i>service_name</i> > <b>timedef</b> <i>timedef_name</i> Entering the above command sequence results in the following prompt: <pre>[context_name]host_name(config-pcc-timedef) #</pre>
<b>Syntax Description</b>	<pre>[no] <b>start time</b> <i>start_time</i> <b>end time</b> <i>end_time</i></pre> <p><b>no</b></p> <p>Removes the specified time definition.</p> <p><b>time</b> <i>start_time</i></p> <p>Specifies the start time <i>start_time</i> in <i>HH MIN SS</i> format.          Following format is used for <i>HH MIN SS</i> in <i>start_time</i>:</p> <ul style="list-style-type: none"> <li>• <i>HH</i> specifies the hour of the day in 24 hour format and must be an integer between 00 through 23.</li> <li>• <i>MIN</i> specifies the minutes of the hour of the day must be an integer between 00 through 59.</li> <li>• <i>SS</i> specifies the seconds of the minute of the day must be an integer between 00 through 59.</li> </ul> <p><b>end time</b> <i>end_time</i></p> <p>Specifies the end time <i>end_time</i> in <i>HH MIN SS</i> format.          Following format is used for <i>HH MIN SS</i> in <i>end_time</i>:</p> <ul style="list-style-type: none"> <li>• <i>HH</i> specifies the end hour of the day in 24 hour format and must be an integer between 00 through 23.</li> <li>• <i>MIN</i> specifies the minutes of the end hour of the day must be an integer between 00 through 59.</li> <li>• <i>SS</i> specifies the seconds of the minute of the end hour must be an integer between 00 through 59.</li> </ul>
<b>Usage Guidelines</b>	Use this command to define a PCC-TimeDef with a start and end time for an event to trigger a procedure or condition in an IP-CAN session.

**Example**

The following command defines a PCC-TimeDef with start at 00 Hrs. 30 mins. and 00 seconds and end at 23 Hrs. 59 mins. and 59 seconds:

```
start time 00 30 00 end time 23 59 59
```

## time-slot

This command defines PCC-TimeDefs with a start and end week days with time for an event to trigger a procedure or condition in an IP-CAN session.

<b>Product</b>	IPCF
<b>Privilege</b>	Security Administrator, Administrator
<b>Command Modes</b>	Exec > Global Configuration > Context Configuration > PCC Service Configuration > PCC TimeDef Configuration

**configure** > **context** *context\_name* > **pcc-service** *service\_name* > **timedef** *timedef\_name*

Entering the above command sequence results in the following prompt:

```
[context_name]host_name(config-pcc-timedef)#
```

### Syntax Description

```
[ no ] time-slot slot_num { start date start_date time start_time end date end_date
time end_time | start day start_weekdays time start_time end day end_weekdays time
end_time | start time start_time end time end_time
[ no ] time-slot slot_num
```

#### **no**

Removes the specified time slot definition.

#### **slot\_num**

Specifies the time slot number to be configured with this command and it must be an integer between 1 through 64.

#### **date start\_date**

Specifies the start date *start\_date* in *MM/DD/YY* format.

Following format is used for *MM/DD/YY* in *start\_date*:

- *MM* specifies the month of the start date from January through December and must be an integer between 1 through 12.
- *DD* specifies the date of month of the start date 1 through 31 and must be an integer between 1 through 31.
- *YY* specifies the year of the start date from 2010 through 2037 and must be an integer between 10 through 37.

#### **time start\_time**

Specifies the start time *start\_time* in *HH MIN SS* format.

Following format is used for *HH MIN SS* in *start\_time*:

- *HH* specifies the hour of the start date in 24 hour format and must be an integer between 00 through 23.
- *MIN* specifies the minutes of the hour of the start date must be an integer between 00 through 59.
- *SS* specifies the seconds of the minute of the start date must be an integer between 00 through 59.

#### **end date end\_date**

Specifies the end date *end\_date* in *MM/DD/YY* format.

Following format is used for *MM/DD/YY* in *end\_date*:

- *MM* specifies the month of the end date from January through December and must be an integer between 1 through 12.
- *DD* specifies the date of month of the end date 1 through 31 and must be an integer between 1 through 31.
- *YY* specifies the year of the end date from 2010 through 2037 and must be an integer between 10 through 37.

**time end\_time**

Specifies the end time *end\_time* in *HH MIN SS* format.

Following format is used for *HH MIN SS* in *end\_time*:

- *HH* specifies the hour of the end date in 24 hour format and must be an integer between 00 through 23.
- *MIN* specifies the minutes of the hour of the end date must be an integer between 00 through 59.
- *SS* specifies the seconds of the minute of the end date must be an integer between 00 through 59.

**day start\_weekdays**

Specifies the start day as week days.

Following days are used as *start\_weekdays*:

- **friday** specifies Friday of the week as start day.
- **monday** specifies Monday of the week as start day.
- **saturday** specifies Saturday of the week as start day.
- **sunday** specifies Sunday of the week as start day.
- **thursday** specifies Thursday of the week as start day.
- **tuesday** specifies Tuesday of the week as start day.
- **wednesday** specifies Wednesday of the week as start day.

**time start\_time**

Specifies the start time *start\_time* in *HH MIN SS* format.

Following format is used for *HH MIN SS* in *start\_time*:

- *HH* specifies the hour of the start day in 24 hour format and must be an integer between 00 through 23.
- *MIN* specifies the minutes of the hour of the start day must be an integer between 00 through 59.
- *SS* specifies the seconds of the minute of the start day must be an integer between 00 through 59.

**end day end\_weekdays**

Specifies the end day as week days.

Following days are used as *end\_weekdays*:

- **friday** specifies Friday of the week as end day.
- **monday** specifies Monday of the week as end day.
- **saturday** specifies Saturday of the week as end day.
- **sunday** specifies Sunday of the week as end day.
- **thursday** specifies Thursday of the week as end day.
- **tuesday** specifies Tuesday of the week as end day.
- **wednesday** specifies Wednesday of the week as end day.

**time end\_time**

Specifies the end time *end\_time* in *HH MIN SS* format.

Following format is used for *HH MIN SS* in *end\_time*:

- *HH* specifies the hour of the end day in 24 hour format and must be an integer between 00 through 23.
- *MIN* specifies the minutes of the hour of the end day must be an integer between 00 through 59.
- *SS* specifies the seconds of the minute of the end day must be an integer between 00 through 59.

**time start\_time**

Specifies the start time *start\_time* in *HH MIN SS* format.

Following format is used for *HH MIN SS* in *start\_time*:

- *HH* specifies the hour of the day in 24 hour format and must be an integer between 00 through 23.
- *MIN* specifies the minutes of the hour of the day must be an integer between 00 through 59.
- *SS* specifies the seconds of the minute of the day must be an integer between 00 through 59.

**end time end\_time**

Specifies the end time *end\_time* in *HH MIN SS* format.

Following format is used for *HH MIN SS* in *end\_time*:

- *HH* specifies the end hour of the day in 24 hour format and must be an integer between 00 through 23.
- *MIN* specifies the minutes of the end hour of the day must be an integer between 00 through 59.
- *SS* specifies the seconds of the minute of the end hour must be an integer between 00 through 59.

**Usage Guidelines**

Use this command to define a time slot with a start day, start time, and start date option for an event to trigger a procedure or condition in an IP-CAN session. A maximum of 12 time-slots can be configured through this command.

**Example**

The following command defines a time slot 2 which will start on Friday at 00:30:00 and ends on Saturday at 23:00:00:

```
start day friday start time 00 30 00 end day saturday time 23 00 00
```