

## Configuring Fractional E1 Time Slots

---

By default, all the time slots on an E1 interface are used. To configure the number of time slots allocated to a fractional E1 interface, include the **timeslots** statement at the [edit interfaces *interface-name* e1-options] hierarchy level:

```
[edit interfaces interface-name e1-options]
timeslots time-slot-range;
```

There are 32 time slots on an E1 interface. Time slot 0 is always reserved for framing and cannot be used to configure a fractional E1 interface.

Time slot numbering constraints vary for different E1 PICs. For 4-port E1 PICs, the configurable time-slot range is 1 through 31 (time slot 0 is reserved for framing).

For 10-port Channelized E1 and 10-port Channelized E1 IQ PICs, the configurable time-slot range is 2 through 32 (time slots 0 and 1 are reserved for framing).

For Enhanced Intelligent Queuing (IQE) PICs, the configurable time-slot range is 2 through 32.

For fractional E1 interfaces only, if you connect a 4-port E1 PIC interface to a device that uses time slot numbering from 2 through 32, you must subtract 1 from the configured number of time slots. To do this, include the **timeslots** statement at the [edit interfaces *interface-name* e1-options] hierarchy level, and offset 1 from the specified slot number.



**NOTE:** When configuring fractional E1 time slots, you also must include the **framing g704** statement at the [edit interfaces *e1-fpc/pic/port* e1-options] hierarchy level.

---

To configure ranges, use hyphens. To configure discontinuous time slots, use commas. Do not include spaces

### Example: Configuring Fractional E1 Time Slots

In this example, time slots are offset by 1 to compensate for the fractional E1 interface being connected to a device that uses time slot numbering from 0 through 31.

<b>Use Time Slots 3 Through 5, 10, and 24</b>	[edit interfaces <i>interface-name</i> e1-options] # Fractional E1 interface timeslots 4-6,11,25;
<b>Use Time Slots 1 Through 10</b>	[edit interfaces <i>interface-name</i> e1-options] timeslots 1-10;
<b>Use Time Slots 1 Through 5, 10, and 24</b>	[edit interfaces <i>interface-name</i> e1-options] timeslots 1-5,10,24;

