



# Configuring Breakout

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This chapter gives procedure to configure breakout.

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## Configure Breakout

### Procedure

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- Step 1** `configure`  
**Step 2** `controller optics R/S/I/P`

**Example:**

```
RP/0/RP0:hostname (config)# controller optics 0/0/0/1
```

Enters the Optics controller mode.

- Step 3** `otn framing framing type`

**Example:**

```
RP/0/RP0:hostname (config)# controller optics 0/0/0/1 breakout-mode 1 otn framing opu2
```

Configures OTN framing.

- Step 4** `commit`
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### Example: Configure Breakout mode for Controller

The following example shows how to configure breakout-mode for a controller using Cisco IOS XR commands:

```
RP/0/RP0:hostname# configure terminal  
RP/0/RP0:hostname (config) # controller optics 0/0/0/1  
RP/0/RP0:hostname (config) # controller optics 0/0/0/1 breakout-mode 1  
RP/0/RP0:hostname (config) # controller optics 0/0/0/1 breakout-mode 1 otn framing opu2  
RP/0/RP0:hostname (config-otu1) #commit
```

