

## Interface range Configuration

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# Chapter 1 Interface range Configuration

## 1.1 Interface range Configuration Task

### 1.1.1 Understanding interface range

During the process of port configuration, we often need to configure the same attributes on a batch of the same ports. To avoid repeated configuration on each port, we provide the **interface range** configuration mode, by which you can make the same configuration at once on a batch of ports with the same type and in one slot. When entering the **interface range** mode, note that all the interfaces contained in this mode must be already established.

### 1.1.2 Entering interface range Mode

Use the following command to enter the interface range mode.

Command	Purpose
<b>interface range</b> <i>type slot</i> / <i>&lt;port1 - port2   port3&gt;</i> [ , <i>&lt;port1 - port2 port3&gt;</i> ]	Enter <b>range</b> mode and the interfaces contained in this mode meet with the following conditions: <ol style="list-style-type: none"> <li>(1) <b>slot</b> specifies the slot number</li> <li>(2) Port number can be a value between port1 and port2 before and after "-", or equal to port3;</li> <li>(3) <b>port2</b> must be less than <b>port1</b>;</li> <li>(4) Space must be added before and after "-" and ",".</li> </ol>

### 1.1.3 Configuration Example

Use the following commands to enable these fast Ethernet ports including Fast Ethernet ports 1, 2, 3, 6, 8, 10, 11, 12. located in slot 0 to enter port configuration mode,

```
switch_config#interface range 1 - 3 , 6 , 8 , 10 - 12
switch_config_if_range#
```