

# Interface Range Configuration

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# Chapter 1 Interface Range Configuration

## 1.1 Interface Range Configuration Task

### 1.1.1 Understanding Interface Range

In the process of configuring interface tasks, there are cases when you have to configure the same attribute on ports of the same type. In order to avoid repeated configuration on each port, we provide the **interface range** configuration mode. You can configure ports of the same type and slot number with the same configuration parameters. This reduces the workload.

**Note:**

when entering the **interface range** mode, all interfaces included in this mode must have been established.

### 1.1.2 Entering Interface Range Mode

Run the following command to enter the **interface range** mode.

Step	Command	Description
1	<b>interface range</b> <i>type slot</i> [<port1 - port2   port3>[ , <port1 - port2 port3>]	Enters the range mode. All ports included in this mode accord to the following conditions: (1) The slot number is set to <b>slot</b> . (2) The port numbers before/after the hyphen must range between port1 and port2, or equal to port3. (3) Port 2 must be less than port 1 (4) There must be space before/after the hyphen or the comma.

### 1.1.3 Configuration Example

Enter the interface configuration mode via the following commands, including slot 0 and fast Ethernet 1,2,3,6,8,10,11,12:

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