

The solution for showing "vpn-table is full" when enabling MCE function in the H3C S3610/5510 switches

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I Network topology

No

II Description of the problem

If the switch-mode is not MCE in the switches, the following message will appear when you enable MCE function.

```
[H3C]ip vpn-instance test ?
```

```
<cr>
```

```
[H3C]ip vpn-instance test
```

VPN-Table is full

III Process analysis:

By default, the switch mode is IPv4. The mode must be changed to MCE and the switch have to rebooted before you enable this function.

IV Solution

The steps to change switch mode and enable the MCE function is as follows.

```
[H3C]switch-mode mce
```

Changes to the running system mode have been stored, but cannot take effect until the next reboot.

Use 'display switch-mode' to see what system mode is currently active.

```
<H3C>reboot
```

After rebooting.....

```
<H3C>dis switch-mode
```

The current system mode is Multi-Instance CE mode.

Number of VLANs:	1024
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Number of VPN-Instances:	15
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Max number of IPv4 unicast route entries:	15360
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Max number of IPv4 multicast route entries:	512
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Max number of IPv6 unicast route entries:	0
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The system mode which will take effect after reboot is Multi-Instance CE mode.

```
<H3C>sys
```

System View: return to User View with Ctrl+Z.

```
[H3C]ip vpn-instance ?
```

```
STRING<1-31> Name of VPN-Instance
```

```
[H3C]ip vpn-instance test
```

```
[H3C-vpn-instance-test]
```