



# Configuring the Voice Ports

## Voice Ports in Cisco VG420 Voice Gateway

The Cisco VG420 Voice Gateway supports the following SKUs:

- VG420-144FXS: This has 144 analog FXS ports and no FXO port
- VG420-132FXS/6FXO: This has 132 analog FXS ports and 6 FXO ports
- VG420-84FXS/6FXO: This has 84 analog FXS ports and 6 FXO ports

## Signaling Types for the Analog Ports

- FXS Ports: This voice port supports loop start, ground start, and DID signaling types.
- FXO Ports: This voice port supports loop start and ground start signaling types.

## SKU Information

See the following table for information on the voice ports that are supported on these SKUs

SKUs	VG420-144FXS	VG420-132FXS/6FXO	VG420-84FXS/6FXO
FXS Ports	144	132	84
FXO Ports	0	6	6
Number of Failed Over Ports	N/A	6	6
DID and long loop ports	108, 1/0/0 to 1/0/107	108, 1/0/0/ to 1/0/107	84, 1/0/0 to 1/0/83
Maximum REN	80	80	80
RJ21 Connectors	6	6	4

## Fail Over Port Mapping

To view the fail over port mapping for Cisco VG420 Voice Gateway, see the following sample output of the show voice port summary:

```

VG420-132FXS/6FXO: provide 6 power fail-over ports:
PWR FAILOVER PORT      PSTN FAILOVER PORT
=====
1/0/126                FXO BYPASS 1/0/132
1/0/127                FXO BYPASS 1/0/133
1/0/128                FXO BYPASS 1/0/134
1/0/129                FXO BYPASS 1/0/135
1/0/130                FXO BYPASS 1/0/136
1/0/131                FXO BYPASS 1/0/137

```

```

VG420-84FXS/6FXO: provide 6 power fail-over ports:
PWR FAILOVER PORT      PSTN FAILOVER PORT
=====
1/0/78                FXO BYPASS 1/0/84
1/0/79                FXO BYPASS 1/0/85
1/0/80                FXO BYPASS 0/1/86
1/0/81                FXO BYPASS 1/0/87
1/0/82                FXO BYPASS 0/1/88
1/0/83                FXO BYPASS 1/0/89

```

### Configuring the Voice Ports

Cisco VG420 Voice Gateway supports ds0-group and E&M voice ports on existing voice NIMs (NIM slot 0). To know how to configure these digital ds0-group port, E&M, FXS and FXO voice ports, see the [Voice Port Configuration Guide](#).

To view detailed information about voice port configuration, see the [Cisco IOS Voice Configuration Library](#).




---

**Note** It is recommended that you configure the interdigit timeout value for the voice ports. To configure this value for a specified voice port, use the **timeouts interdigit <seconds>** command in the voice-port configuration mode. If you do not configure this value, by default, the value is 10 seconds.

To learn more about this command, see the [Cisco IOS Voice Command Reference Guide](#).

---