



## W Commands

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This chapter describes the Cisco NX-OS Fibre Channel, virtual Fibre Channel, and Fibre Channel over Ethernet (FCoE) commands that begin with W.

# wwn secondary-mac

To allocate a secondary MAC address to a SAN node, use the **wwn secondary-mac** command.

**wwn secondary-mac** *wwn-id range address-range*

## Syntax Description

<i>wwn-id</i>	Secondary MAC address with the format <i>hh:hh:hh:hh:hh:hh</i> .
<b>range</b> <i>address-range</i>	Specifies the range for the specified WWN. The only valid value is 64.

## Command Modes

Global configuration mode

## Command History

Release	Modification
5.0(2)N1(1)	This command was introduced.

## Usage Guidelines

This command cannot be undone.

Changes to the worldwide names are only performed as required. They should not be changed on a daily basis. These changes should be made by an administrator or individual who is completely familiar with switch operations.

## Examples

This example shows how to allocate a secondary range of MAC addresses:

```
switch(config)# wwn secondary-mac 00:99:55:77:55:55 range 64
```

## Related Commands

Command	Description
<b>show wwn</b>	Displays the status of the WWN configuration.

## wwn vsan

To configure a WWN for a suspended Virtual SAN (VSAN) that has interop mode 4 enabled, use the **wwn vsan** command. To discard the configuration, use the **no** form of this command.

```
wwn vsan vsan-id vsan-wwn wwn
```

```
no wwn vsan vsan-id vsan-wwn wwn
```

Syntax Description	<i>vsan-id</i>	VSAN ID. The range is from 1 to 4093.
	<b>vsan-wwn</b> <i>wwn</i>	Specifies the WWN for the VSAN. The format is <i>hh:hh:hh:hh:hh:hh:hh:hh</i> .

Command Default	None
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Command Modes	Global configuration mode
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Command History	Release	Modification
	5.0(2)N1(1)	This command was introduced.

Usage Guidelines	This command can succeed only if the following conditions are satisfied:
	<ul style="list-style-type: none"> <li>The VSAN must be suspended.</li> <li>The VSAN must have interop mode 4 enabled before you can specify the switch WWN for it.</li> <li>The switch WWN must be unique throughout the entire fabric.</li> <li>The configured switch WWN must have McData OUI [08:00:88].</li> </ul>

Examples	This example shows how to assign a WWN to a VSAN:
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```
switch(config)# wwn vsan 100 vsan-wwn 20:64:08:00:88:0d:5f:81
switch(config)# vsan database
switch(config-vsan-db)# vsan 100 suspend
switch(config-vsan-db)# exit
switch(config)# wwn vsan 100 vsan-wwn 20:64:08:00:88:0d:5f:81
```

Related Commands	Command	Description
	<b>vsan database</b>	Creates multiple fabrics sharing the same physical infrastructure, assigns ports to a VSAN, turns on or off interop mode, load balances either per originator exchange or source-destination ID, and creates VSAN membership.

