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S Commands

This chapter describes the Cisco NX-OS commands that begin with S that are used to manage a Cisco Nexus 2000 Series Fabric Extender from a Cisco Nexus 5000 Series switch.

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serial

To assign a serial number to a Fabric Extender, use the **serial** command. To remove the serial number, use the **no** form of this command.

```
serial serial_string

no serial
```

Syntax Description	serial_string	Serial number string for the Fabric Extender. The string is alphanumeric, case sensitive, and has a maximum length of 20 characters.
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Command Default	None
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Command Modes	Fabric extender configuration mode
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Command History	Release	Modification
	4.0(1a)N2(1)	This command was introduced.

Usage Guidelines

The serial number string you define with the **serial** command must match the serial number of the Fabric Extender. If you configure a serial number and then you use the **fex associate** command to associate the corresponding chassis ID to the switch, the association will succeed only if the Fabric Extender reports a matching serial number string.



Caution

Configuring a serial number other than that of the given Fabric Extender will force the Fabric Extender offline.

Examples

This example shows how to specify a serial number for a Fabric Extender:

```
switch# configure terminal
switch(config)# fex 101
switch(config-fex)# serial Rack16_FEX101
```

This example shows how to remove a serial number from a Fabric Extender:

```
switch# configure terminal
switch(config)# fex 101
switch(config-fex)# no serial
```

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Related Commands	Command	Description
	fex	Creates a Fabric Extender and enters fabric extender configuration mode.
	fex associate	Associates a Fabric Extender to an Ethernet or EtherChannel interface.
	show fex	Displays all configured Fabric Extender chassis connected to the switch.

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slot

To enable preprovisioning on a slot in a chassis, use the **slot** command. To disable the slot for preprovisioning, use the **no slot** form of this command.

slot *slot-number*

no slot *slot-number*

Syntax Description	<i>slot-number</i>	Slot number in the chassis. The range is from 2 to 199.
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Command Default	None
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Command Modes	Global configuration mode Configuration synchronization mode
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Command History	Release	Modification
	5.0(2)N1(1)	This command was introduced.

Usage Guidelines	Use this command to enable preprovisioning of features or interfaces of a module on a slot in a chassis. Preprovisioning allows you to configure features or interfaces (Ethernet, Fibre Channel) on modules before the modules are inserted in the switch chassis.
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Examples	This example shows how to enable a chassis slot for preprovisioning of a module:
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```
switch(config)# slot 2
switch(config-slot)#
```

This example shows how to disable a chassis slot for preprovisioning of a module:

```
switch(config)# no slot 2
switch(config)#
```

Related Commands	Command	Description
	port	Configures ports as Ethernet, native Fibre Channel or Fibre Channel over Ethernet (FCoE) ports.
	provision	Preprovisions a module in a slot.
	show running-config exclude-provision	Displays the running configuration excluding the preprovisioned features.

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switchport mode fex-fabric

To set the interface type to be an uplink port for a Fabric Extender, use the **switchport mode fex-fabric** command.

switchport mode fex-fabric

no switchport mode fex-fabric

Syntax Description	This command has no arguments or keywords.
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Command Default	None
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Command Modes	Interface configuration mode
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Command History	Release	Modification
	4.0(1a)N2(1)	This command was introduced.

Examples	This example shows how to set an Ethernet interface to be an uplink port for a Fabric Extender:
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```
switch# configure terminal
switch(config)# interface ethernet 1/40
switch(config-if)# switchport mode fex-fabric
```

This example shows how to set an EtherChannel interface to be an uplink port for a Fabric Extender:

```
switch# configure terminal
switch(config)# interface port-channel 4
switch(config-if)# switchport mode fex-fabric
```

Related Commands	Command	Description
	fex associate	Associates a Fabric Extender to an Ethernet or EtherChannel interface.
	show fex	Displays all configured Fabric Extender chassis connected to the switch.

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