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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 5500 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	<i>serial_string</i>	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
	5.0(2)N1(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** 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)#
```

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

Command Default None

Command Modes Interface configuration mode

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

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

```
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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