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## T Commands

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

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## type

To set the Fabric Extender card type to a specific card, use the **type** command. To revert to the default FEX card, use the **no** form of this command.

**type** *fex\_card\_type*

**no type**

<b>Syntax Description</b>	<i>fex_card_type</i>  <div><div>Fabric Extender card type. The following Fabric Extender card types are supported:</div><div><ul style="list-style-type: none"><li>• <b>N2148T</b>—Fabric Extender 48x1G 4x10G SFP+ Module</li><li>• <b>N2224TP</b>—Fabric Extender 24x1G 2x10G SFP+ Module</li><li>• <b>N2232P</b>—Fabric Extender 32x10G SFP+ 8x10G SFP+ Module</li><li>• <b>N2232TM</b>—Fabric Extender 32x10GBase-T 8x10G SFP+ Module</li><li>• <b>N2248T</b>—Fabric Extender 48x1G 4x10G SFP+ Module</li></ul></div></div>				
<b>Command Default</b>	None				
<b>Command Modes</b>	Fabric extender configuration mode				
<b>Command History</b>	<table><tr><th>Release</th><th>Modification</th></tr><tr><td>4.2(1)N1(1)</td><td>This command was introduced.</td></tr></table>	Release	Modification	4.2(1)N1(1)	This command was introduced.
Release	Modification				
4.2(1)N1(1)	This command was introduced.				
<b>Usage Guidelines</b>	<p>The following Cisco Nexus 2000 Series Fabric Extenders are supported on a Cisco Nexus 5000 Series switch that runs a Cisco NX-OS release 4.2(1)N2(1):</p> <ul style="list-style-type: none"><li>• Cisco Nexus 2148T Fabric Extender—It has four 10-Gigabit Ethernet fabric interfaces for its uplink connection to the parent Cisco Nexus 5000 Series switch and 48 1000BASE-T (1-Gigabit) Ethernet host interfaces for its downlink connection to servers or hosts.</li><li>• Cisco Nexus N2224TP Fabric Extender—It has two 10-Gigabit Ethernet fabric interfaces with small form-factor pluggable (SFP+) interface adapters for its uplink connection to the parent Cisco Nexus 5000 Series switch and 24 1000BASE-T (1-Gigabit) Ethernet host interfaces for its downlink connection to servers or hosts. It does not support Fibre Channel over Ethernet (FCoE).</li><li>• Cisco Nexus 2232P Fabric Extender—It has eight 10-Gigabit Ethernet fabric interfaces with small form-factor pluggable (SFP+) interface adapters for its uplink connection to the parent Cisco Nexus 5000 Series switch and 32 10-Gigabit Ethernet fabric interfaces with SFP+ interface adapters for its downlink connection to servers or hosts.</li><li>• Cisco Nexus 2248T Fabric Extender—It has four 10-Gigabit Ethernet fabric interfaces with SFP+ interface adapters for its uplink connection to the parent Cisco Nexus 5000 Series switch and 48 1000BASE-T (1-Gigabit) Ethernet host interfaces for its downlink connection to servers or hosts.</li></ul>				

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The following Cisco Nexus 2000 Series Fabric Extenders are supported on a Cisco Nexus 5000 Series switch that runs a Cisco NX-OS release 5.0(3)N2(1):

- Cisco Nexus 2148T Fabric Extender—It has four 10-Gigabit Ethernet fabric interfaces for its uplink connection to the parent Cisco Nexus 5000 Series switch and 48 1000BASE-T (1-Gigabit) Ethernet host interfaces for its downlink connection to servers or hosts.
- Cisco Nexus N2224TP Fabric Extender—It has two 10-Gigabit Ethernet fabric interfaces with small form-factor pluggable (SFP+) interface adapters for its uplink connection to the parent Cisco Nexus 5000 Series switch and 24 1000BASE-T (1-Gigabit) Ethernet host interfaces for its downlink connection to servers or hosts. It does not support Fibre Channel over Ethernet (FCoE).
- Cisco Nexus 2232P Fabric Extender—It has eight 10-Gigabit Ethernet fabric interfaces with small form-factor pluggable (SFP+) interface adapters for its uplink connection to the parent Cisco Nexus 5000 Series switch and 32 10-Gigabit Ethernet fabric interfaces with SFP+ interface adapters for its downlink connection to servers or hosts.
- Cisco Nexus 2232TM Fabric Extender—It has eight 10-Gigabit Ethernet fabric interfaces with small form-factor pluggable (SFP+) interface adapters for its uplink connection to the parent Cisco Nexus 5000 Series switch and 32 10-Gigabit BASE-T Ethernet fabric interfaces for its downlink connection to servers or hosts.
- Cisco Nexus 2248T Fabric Extender—It has four 10-Gigabit Ethernet fabric interfaces with SFP+ interface adapters for its uplink connection to the parent Cisco Nexus 5000 Series switch and 48 1000BASE-T (1-Gigabit) Ethernet host interfaces for its downlink connection to servers or hosts.

### Examples

This example shows how to configure the Fabric Extender card:

```
switch(config)# fex 100
switch(config-fex)# type N2148T
switch(config-fex)#
```

### Related Commands

Command	Description
<b>fex</b>	Creates a Fabric Extender and enters fabric extender configuration mode.
<b>show fex</b>	Displays all configured Fabric Extender chassis connected to the switch.

■ type

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