

# FT Interface Configuration Mode Commands

FT interface configuration mode commands allow you to configure redundancy parameters for the fault-tolerant (FT) VLAN. The FT VLAN is a dedicated interface that the ACE uses exclusively for redundancy traffic (such as heartbeat, state, and replication packets). For more information about configuring redundancy on the ACE, see the *Cisco 4700 Series Application Control Engine Appliance Administration Guide*.

To create an FT VLAN and access FT interface configuration mode, use the **ft interface vlan** command in configuration mode. The CLI prompt changes to (config-ft-intf). For information about the commands in FT interface configuration mode, see the following commands.

Use the **no** form of this command to remove an FT VLAN from the redundancy configuration.

```
ft interface vlan vlan_id
```

```
no ft interface vlan vlan_id
```

<b>Syntax Description</b>	<i>vlan_id</i>	Identifier of an existing VLAN that you want to use as the FT VLAN. Enter an integer from 2 to 4094.
---------------------------	----------------	--

<b>Command Modes</b>	Configuration mode Admin context only
----------------------	--

<b>Command History</b>	<b>Release</b>	<b>Modification</b>
	A1(7)	This command was introduced.

**Usage Guidelines**

All commands in this mode require the System feature in your user role. For details about role-based access control (RBAC) and user roles, see the *Cisco 4700 Series Application Control Engine Appliance Virtualization Configuration Guide*.

To remove an FT VLAN from the redundancy configuration, first dissociate it from the FT peer using the **no** form of the **(config-ft-peer) ft-interface vlan** command and then enter the **no ft interface vlan** command in configuration mode.

**Examples**

To configure an FT VLAN and access FT group configuration mode, enter:

```
host1/Admin(config)# ft interface vlan 4000  
host1/Admin(config-ft-intf)#
```

To delete the FT VLAN configuration, enter:

```
host1/Admin(config)# no ft interface vlan 4000
```

<b>Related Commands</b>	<a href="#">show ft</a> <a href="#">show interface</a> <a href="#">show running-config</a> <a href="#">(config) interface</a> <a href="#">(config-ft-peer) ft-interface vlan</a>
-------------------------	--

## (config-ft-intf) ip

To assign an IP address to the fault-tolerant (FT) VLAN, use the **ip** command. Use the **no** form of this command to remove the IP address from the configuration.

**ip address** *ip\_address netmask*

**no ip address** *ip\_address netmask*

Syntax Description	address <i>ip_address</i>	Specifies the IP address of the FT VLAN. Enter an IP address in dotted-decimal notation (for example, 192.168.12.1).
	<i>netmask</i>	Subnet mask of the FT VLAN. Enter a subnet mask in dotted-decimal notation (for example, 255.255.255.0).

Command Modes	FT interface configuration mode Admin context only
---------------	---

Command History	Release	Modification
	A1(7)	This command was introduced.

Usage Guidelines	This command has no usage guidelines.
------------------	---------------------------------------

Examples	To configure an IP address for the FT VLAN, enter: <pre>host1/Admin(config-ft-intf)# ip address 192.168.12.1 255.255.255.0</pre>
	To remove an IP address from the FT VLAN, enter: <pre>host1/Admin(config-ft-intf)# no ip address</pre>

Related Commands	<a href="#">show ft</a> <a href="#">show interface</a> <a href="#">(config-ft-intf) peer ip</a>
------------------	---

## (config-ft-intf) peer ip

To allow the local member of the fault-tolerant (FT) group to communicate with the remote peer, use the **peer ip** command to configure an IP address for the remote peer. Use the **no** form of this command to remove the IP address from the peer configuration.

```
peer ip address ip_address netmask
```

```
no peer ip address ip_address netmask
```

Syntax Description	address <i>ip_address</i>	Specifies the IP address of the remote peer. Enter an IP address in dotted-decimal notation (for example, 192.168.12.15).
	<i>netmask</i>	Subnet mask of the remote peer. Enter a subnet mask in dotted-decimal notation (for example, 255.255.255.0).

Command Modes	FT interface configuration mode Admin context only
---------------	---

Command History	Release	Modification
	A1(7)	This command was introduced.

Usage Guidelines	This command has no usage guidelines.
------------------	---------------------------------------

Examples	To configure an IP address for the remote peer, enter: <pre>host1/Admin(config-ft-intf)# peer ip address 192.168.12.15 255.255.255.0</pre>
	To remove the IP address from the remote peer, enter: <pre>host1/Admin(config-ft-intf)# no peer ip address 192.168.12.15 255.255.255.0</pre>

Related Commands	<a href="#">show interface</a> <a href="#">(config-ft-intf) ip</a>
------------------	---

## (config-ft-intf) shutdown

To disable the fault-tolerant (FT) VLAN, use the **shutdown** command. Use the **no** form of this command to enable the FT VLAN.

**shutdown**

**no shutdown**

**Syntax Description** This command has no keywords or arguments.

**Command Modes** FT interface configuration mode  
Admin context only

Command History	Release	Modification
	A1(7)	This command was introduced.

**Usage Guidelines** When you create the FT VLAN, it is disabled by default. Use the **no** form of this command to enable the FT VLAN.

**Examples** For example, to enable the FT VLAN, enter:

```
host1/Admin(config-ft-intf)# no shutdown
```

To disable the FT VLAN after you have enabled it, enter:

```
host1/Admin(config-ft-intf)# shutdown
```

**Related Commands** [show interface](#)