

FT Track Host Configuration Mode Commands

Fault-tolerant (FT) track host configuration mode commands allow you to configure tracking and failure detection for critical network gateways and hosts.

To create a process that tracks and detects failures for a gateway or host and accesses FT track host configuration mode, use the **ft track host** command in configuration mode. The CLI prompt changes to (config-ft-track-host). For information about the commands in FT track host configuration mode, see the following commands.

Use the **no** form of this command to delete a process that tracks and detects failures for a gateway or host.

ft track host *name*

no ft track host *name*

Syntax Description

<i>name</i>	Unique identifier of the tracking process for a gateway or a host. Enter an unquoted text string with no spaces and a maximum of 64 alphanumeric characters.
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Command Modes

Configuration mode
Admin and user contexts

Command History

ACE Module Release	Modification
3.0(0)A1(2)	This command was introduced.

ACE Appliance Release	Modification
A1(7)	This command was introduced.

Usage Guidelines

The commands in this mode require the fault-tolerant feature in your user role. For details about role-based access control (RBAC) and user roles, see the *Virtualization Guide, Cisco ACE Application Control Engine*.

Examples

To create a process that tracks and detects failures for a gateway or host and accesses FT track host configuration mode, enter:

```
host1/Admin(config)# ft track host TRACK_GATEWAY1
host1/Admin(config-ft-track-host)#
```

To delete the process that tracks and detects failures for a gateway or host, enter:

```
host1/Admin(config)# no ft track host TRACK_GATEWAY1
```

Related Commands

[show ft](#)
[show running-config](#)

(config-ft-track-host) peer priority

To assign a priority for multiple probes on the standby member of a fault-tolerant (FT) group, use the **peer priority** command. Use the **no** form of this command to reset the multiple-probe priority to the default value of 10 on the standby member.

peer priority *number*

no peer priority *number*

Syntax Description

<i>number</i>	Priority of the probes configured for the gateway or host on the standby member. Enter a priority value as an integer from 0 to 255. The default is 0. Higher values indicate higher priorities.
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Command Modes

FT track host configuration mode
Admin and user contexts

Command History

ACE Module Release	Modification
3.0(0)A1(2)	This command was introduced.
ACE Appliance Release	Modification
A1(7)	This command was introduced.

Usage Guidelines

The **peer** command keyword indicates the standby member of an FT group.

Assign a priority value to multiple probes based on the relative importance of the gateway or host that the probes are tracking. If all the probes go down, the ACE decrements the priority of the FT group on the standby member by the value of the *number* argument. If the priority of the FT group on the active member falls below the priority of the FT group on the standby member, a switchover occurs where the active member becomes the standby member and the standby member becomes the active member.

Examples

To assign a priority for multiple probes on the standby member of an FT group, enter:

```
host1/Admin(config-ft-track-host)# peer priority 50
```

To reset the priority of multiple probes on the standby member of an FT group to the default value of 0, enter:

```
host1/Admin(config-ft-track-host)# no peer priority 50
```

Related Commands

[\(config-ft-track-host\) priority](#)

(config-ft-track-host) peer probe

To associate an existing probe with a gateway or host for tracking by the standby member of a fault-tolerant (FT) group, use the **peer probe** command. Use the **no** form of this command to dissociate the tracking probe from the tracking process on the standby member.

peer probe *name* **priority** *number*

no peer probe *name* **priority** *number*

Syntax Description

<i>name</i>	Identifier of an existing probe that you want to associate with a gateway or host for tracking.
priority <i>number</i>	(Optional) Specifies the priority of the probe. Enter an integer from 0 to 255. The default is 0. Higher values indicate higher priorities.

Command Modes

FT track host configuration mode
Admin and user contexts

Command History

ACE Module Release	Modification
3.0(0)A1(2)	This command was introduced.
ACE Appliance Release	Modification
A1(7)	This command was introduced.

Usage Guidelines

The **peer** command keyword indicates the standby member of an FT group.

Assign a priority value to the probe based on the relative importance of the gateway or host that the probe is tracking. If the probe goes down, the ACE decrements the priority of the FT group on the standby member by the value of the *number* argument. If the priority of the FT group on the active member falls below the priority of the FT group on the standby member, a switchover occurs where the active member becomes the standby member and the standby member becomes the active member.

Examples

To configure a probe with priority of 15 on the standby member of an FT group, enter:

```
host1/Admin(config-ft-track-host)# peer probe TCP_PROBE1 priority 15
```

To remove the tracking probe from the standby member, enter:

```
host1/Admin(config-ft-track-host)# no peer probe TCP_PROBE1
```

Related Commands [show probe](#)
[show running-config](#)
[\(config\) ft peer](#)
[\(config\) probe](#)
[\(config-ft-track-host\) probe](#)

(config-ft-track-host) peer track-host

To configure the IP address of the gateway or host that you want to track on the standby member of a fault-tolerant (FT) group, use the **peer track-host** command. Use the **no** form of this command to remove the IP address of the gateway or host from the tracking process on the standby member configuration.

```
peer track-host ip_address
```

```
no peer track-host ip_address
```

Syntax Description	<i>ip_address</i>	IPv6 or IPv4 address of the gateway or host that you want the standby FT group member to track.
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Command Modes	FT track host configuration mode Admin and user contexts
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Command History	ACE Module Release	Modification
	3.0(0)A1(2)	This command was introduced.

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

Usage Guidelines	The peer command keyword indicates the standby member of an FT group.
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Examples

IPv6 Example:

To configure the IPv6 address of a gateway for tracking on the standby member of an FT group, enter:

```
host1/Admin(config-ft-track-host)# peer track-host 2001:DB8:12::101
```

To remove the IPv6 address of the tracked gateway from the standby member, enter:

```
host1/Admin(config-ft-track-host)# no peer track-host 2001:DB8:12::101
```

IPv4 Example:

To configure the IPv4 address of a gateway for tracking on the standby member of an FT group, enter:

```
host1/Admin(config-ft-track-host)# peer track-host 172.16.27.1
```

To remove the IPv4 address of the tracked gateway from the standby member, enter:

```
host1/Admin(config-ft-track-host)# no peer track-host 172.16.27.1
```

Related Commands [show running-config](#)
 [\(config\) ft peer](#)
 [\(config-ft-track-host\) track-host](#)

(config-ft-track-host) priority

To assign a priority for multiple probes on the active member of a fault-tolerant (FT) group, use the **priority** command. Use the **no** form of this command to reset the multiple-probe priority to the default value of 10 on the active member.

priority *number*

no priority *number*

Syntax Description

<i>number</i>	Priority of the probes configured for the gateway or host on the active member. Enter a priority value as an integer from 0 to 255. The default is 0. Higher values indicate higher priorities.
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Command Modes

FT track host configuration mode
Admin and user contexts

Command History

ACE Module Release	Modification
3.0(0)A1(2)	This command was introduced.
ACE Appliance Release	Modification
A1(7)	This command was introduced.

Usage Guidelines

Assign a priority value for multiple probes based on the relative importance of the gateway or host that the probes are tracking. If all the probes go down, the ACE decrements the priority of the FT group on the active member by the value of the *number* argument. If the priority of the FT group on the active member falls below the priority of the FT group on the standby member, a switchover occurs where the active member becomes the standby member and the standby member becomes the active member.

Examples

To assign a priority for multiple probes on the active member of an FT group, enter:

```
host1/Admin(config-ft-track-host)# priority 100
```

To reset the priority of multiple probes on the active member of an FT group to the default value of 0, enter:

```
host1/Admin(config-ft-track-host)# no priority 100
```

Related Commands

[\(config-ft-track-host\) peer priority](#)

(config-ft-track-host) probe

To associate an existing probe with a gateway or host for tracking by the active member of a fault-tolerant (FT) group, use the **probe** command. Use the **no** form of this command to dissociate the tracking probe from the tracking process on the active member.

probe *name* *priority number*

no probe *name* *priority number*

Syntax Description

<i>name</i>	Identifier of an existing probe that you want to associate with a gateway or host for tracking.
priority <i>number</i>	(Optional) Specifies the priority of the probe on the active member of an FT group. Enter an integer from 0 to 255. The default is 0. Higher values indicate higher priorities.

Command Modes

FT track host configuration mode

Admin and user contexts

Command History

ACE Module Release	Modification
3.0(0)A1(2)	This command was introduced.
ACE Appliance Release	Modification
A1(7)	This command was introduced.

Usage Guidelines

Assign a priority value to the probe based on the relative importance of the gateway or host that the probe is tracking. If the probe goes down, the ACE decrements the priority of the FT group on the active member by the value of the *number* argument. If the priority of the FT group on the active member falls below the priority of the FT group on the standby member, a switchover occurs where the active member becomes the standby member and the standby member becomes the active member.

Examples

To configure a probe with a priority of 25 on the active member of an FT group, enter:

```
host1/Admin(config-ft-track-host)# probe TCP_PROBE1 priority 25
```

To remove the tracking probe from the active member, enter:

```
host1/Admin(config-ft-track-host)# no probe TCP_PROBE1
```

Related Commands

[show probe](#)
[show running-config](#)
[\(config\) probe](#)
[\(config-ft-track-host\) peer probe](#)

(config-ft-track-host) track-host

To configure the IP address of the gateway or host that you want to track on the active member of a fault-tolerant (FT) group, use the **track-host** command. Use the **no** form of this command to remove the IP address of the gateway or host from the tracking process on the active member.

track-host *ip_address*

no track-host *ip_address*

Syntax Description

<i>ip_address</i>	IPv6 or IPv4 address of the gateway or host that you want the active FT group member to track.
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Command Modes

FT track host configuration mode
Admin and user contexts

Command History

ACE Module Release	Modification
3.0(0)A1(2)	This command was introduced.

ACE Appliance Release	Modification
A1(7)	This command was introduced.

Usage Guidelines

This command has no usage guidelines.

Examples

IPv6 Example:

To configure the IPv6 address of a gateway for tracking on the active member of an FT group, enter:

```
host1/Admin(config-ft-track-host)# track-host 2001:DB8:12::101
```

To remove the IPv6 address of the tracked gateway from the active member, enter:

```
host1/Admin(config-ft-track-host)# no track-host 2001:DB8:12::101
```

IPv4 Example:

To configure the IPv4 address of a gateway for tracking on the active member of an FT group, enter:

```
host1/Admin(config-ft-track-host)# track-host 172.16.27.1
```

To remove the IPv4 address of the tracked gateway from the active member, enter:

```
host1/Admin(config-ft-track-host)# no track-host 172.16.27.1
```

Related Commands

[show running-config](#)
[\(config-ft-track-host\) peer track-host](#)

FT Track HSRP Configuration Mode Commands

(ACE module only) Fault-tolerant (FT) track HSRP configuration mode allows you to configure tracking and failure detection for critical Hot Standby Router Protocol (HSRP) groups configured on the supervisor engine for the Catalyst 6500 series switch.

To create a process that tracks and detects failures for an HSRP group and accesses FT track HSRP configuration mode, enter the **ft track hsrp** command in configuration mode. The CLI prompt changes to (config-ft-track-hsrp). For information about the commands in FT track HSRP configuration mode, see the following commands.

To delete the tracking and failure-detection process for an HSRP group, use the **no** form of this command.

```
ft track hsrp name
```

```
no ft track hsrp name
```

Syntax Description

<i>name</i>	Unique identifier of the tracking process for an HSRP group. Enter an unquoted text string with no spaces and a maximum of 64 alphanumeric characters.
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Command Modes

Configuration mode
Admin and user contexts

Command History

ACE Module Release	Modification
3.0(0)A1(2)	This command was introduced.

Usage Guidelines

The commands in this mode require the fault-tolerant feature in your user role. For details about role-based access control (RBAC) and user roles, see the *Virtualization Guide, Cisco ACE Application Control Engine*.

Examples

To create a process that tracks and detects failures for an HSRP group and accesses FT track HSRP configuration mode, enter:

```
host1/Admin(config)# ft track hsrp TRACK_HSRP_GRP1
host1/Admin(config-ft-peer)#
```

To delete the process that tracks and detects failures for an HSRP group, enter:

```
host1/Admin(config)# no ft track hsrp TRACK_HSRP_GRP1
```

Related Commands

[show ft](#)
[show running-config](#)

(config-ft-track-hsrp) peer priority

(ACE module only) To assign a priority to the Hot Standby Router Protocol (HSRP) group that you are tracking on the standby member of a fault-tolerant (FT) group, use the **peer priority** command. Use the **no** form of this command to reset the priority to the default value of 10.

peer priority *number*

no peer priority

Syntax Description

<i>number</i>	Priority of the HSRP group configured on the standby member of an FT group. Enter an integer from 0 to 255. The default is 0. Higher values indicate higher priorities.
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Command Modes

FT track hsrp configuration mode
Admin and user contexts

Command History

ACE Module Release	Modification
3.0(0)A1(2)	This command was introduced.

Usage Guidelines

The **peer** command keyword indicates the standby member of an FT group.

Assign a priority value to the HSRP group based on the relative importance of the group that you are tracking on the standby member. If the HSRP group goes down, the ACE decrements the priority of the FT group on the standby member by the value of the *number* argument. If the priority of the FT group on the active member falls below the priority of the FT group on the standby member, a switchover occurs where the active member becomes the standby member and the standby member becomes the active member.

Examples

To assign a priority to the HSRP group that you are tracking on the standby member of an FT group, enter:

```
host1/Admin(config-ft-track-hsrp)# peer priority 50
```

To reset the priority of the HSRP group to the default value of 0, enter:

```
host1/Admin(config-ft-track-hsrp)# no peer priority 50
```

Related Commands

[\(config-ft-track-hsrp\) priority](#)

(config-ft-track-hsrp) peer track-hsrp

(ACE module only) To track a Hot Standby Router Protocol (HSRP) group on the standby member of a fault-tolerant (FT) group, use the **peer track-hsrp** command. Use the **no** form of this command to remove the HSRP group name from the tracking process on the standby member.

peer track-hsrp *name*

no peer track-hsrp *name*

Syntax Description	<i>name</i>	Identifier of an HSRP group previously configured on the supervisor engine for the Catalyst 6500 series switch that you want to track on the standby member of an FT group. Enter the name as an unquoted text string with no spaces and a maximum of 64 alphanumeric characters.
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Command Modes	FT track HSRP configuration mode Admin and user contexts
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Command History	ACE Module Release	Modification
	3.0(0)A1(2)	This command was introduced.

Usage Guidelines	The peer command keyword indicates the standby member of an FT group.
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Examples To configure an HSRP group for tracking on the standby member of an FT group, enter:

```
host1/Admin(config-ft-track-hsrp)# peer track-hsrp HSRP_GRP1
```

To remove the HSRP group from the tracking process on the standby member, enter:

```
host1/Admin(config-ft-track-hsrp)# no peer track-hsrp HSRP_GRP1
```

Related Commands	show running-config (config) ft peer (config-ft-track-hsrp) track-hsrp
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(config-ft-track-hsrp) priority

(ACE module only) To assign a priority to the Hot Standby Router Protocol (HSRP) group that you are tracking on the active member of a fault-tolerant (FT) group, use the **priority** command. Use the **no** form of this command to reset the priority to the default value of 10.

priority *number*

no priority *number*

Syntax Description	<i>number</i>	Priority of the HSRP group configured on the active member of an FT group. Enter an integer from 0 to 255. The default is 0. Higher values indicate higher priorities.
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Command Modes	FT track HSRP configuration mode Admin and user contexts
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Command History	ACE Module Release	Modification
	3.0(0)A1(2)	This command was introduced.

Usage Guidelines	Assign a priority value to the HSRP group based on the relative importance of the group that you are tracking on the active member. If the HSRP group goes down, the ACE decrements the priority of the FT group on the active member by the value of the <i>number</i> argument. If the priority of the FT group on the active member falls below the priority of the FT group on the standby member, a switchover occurs where the active member becomes the standby member and the standby member becomes the active member.
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Examples	To assign a priority to the HSRP group that you are tracking on the active member of an FT group, enter: <pre>host1/Admin(config-ft-track-hsrp) # priority 100</pre>
	To reset the priority of the HSRP group to the default value of 0, enter: <pre>host1/Admin(config-ft-track-hsrp) # no priority 100</pre>

Related Commands	(config-ft-track-hsrp) peer priority
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(config-ft-track-hsrp) track-hsrp

(ACE module only) To track a Hot Standby Router Protocol (HSRP) group on the active member of a fault-tolerant (FT) group, use the **track-hsrp** command. Use the **no** form of this command to remove the HSRP group name from the tracking process on the active member.

track-hsrp *name*

no track-hsrp *name*

Syntax Description

name

Identifier of an HSRP group previously configured on the supervisor engine for the Catalyst 6500 series switch that you want to track on the active member of an FT group. Enter the name as an unquoted text string with no spaces and a maximum of 64 alphanumeric characters.

Command Modes

FT track HSRP configuration mode

Admin and user contexts

Command History

ACE Module Release

Modification

3.0(0)A1(2)

This command was introduced.

Usage Guidelines

This command has no usage guidelines.

Examples

For example, to configure the HSRP group for tracking on the active member of an FT group, enter:

```
host1/Admin(config-ft-track-hsrp)# track-hsrp HSRP_GRP1
```

To remove the HSRP group tracked by the active member, enter:

```
host1/Admin(config-ft-track-hsrp)# no track-hsrp HSRP_GRP1
```

Related Commands

[show running-config](#)

[\(config\) ft peer](#)

[\(config-ft-track-hsrp\) peer track-hsrp](#)

FT Track Interface Configuration Mode Commands

Fault-tolerant (FT) track interface configuration mode allows you to configure tracking and failure detection for critical interfaces.

To create a process that tracks and detects failures for critical interfaces and accesses FT track interface configuration mode, enter the **ft track interface** command in configuration mode. The CLI prompt changes to (config-ft-track-interface). For information about the commands in FT track interface configuration mode, see the following commands.

To delete the process that tracks and detects failures for an interface, use the **no** form of this command.

ft track interface *name*

no ft track interface *name*

Syntax Description	<i>name</i>	Unique identifier of the process that tracks and detects failures for a critical interface. Enter an unquoted text string with no spaces and a maximum of 64 alphanumeric characters.
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Command Modes	Configuration mode Admin and user contexts
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Command History	ACE Module Release	Modification
	3.0(0)A1(2)	This command was introduced.
	ACE Appliance Release	Modification
	A1(7)	This command was introduced.

Usage Guidelines	The commands in this mode require the fault-tolerant feature in your user role. For details about role-based access control (RBAC) and user roles, see the <i>Virtualization Guide, Cisco ACE Application Control Engine</i> .
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Examples	To create a process that tracks and detects failures for an interface and access FT track interface configuration mode, enter:
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```
host1/Admin(config)# ft track interface TRACK_VLAN200
host1/Admin(config-ft-track-interface)#
```

To delete the process that tracks and detects failures for an interface, enter:

```
host1/Admin(config)# no ft track interface TRACK_VLAN200
```

Related Commands	show running-config
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(config-ft-track-interface) peer priority

To assign a priority to the interface that the standby member is tracking, use the **peer priority** command. Use the **no** form of this command to reset the priority to the default value of 10.

peer priority *number*

no peer priority *number*

Syntax Description

<i>number</i>	Priority of the interface tracked by the standby member of a fault-tolerant (FT) group. Enter an integer from 0 to 255. The default is 0. Higher values indicate higher priorities.
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Command Modes

FT track interface configuration mode
Admin and user contexts

Command History

ACE Module Release	Modification
3.0(0)A1(2)	This command was introduced.

ACE Appliance Release	Modification
A1(7)	This command was introduced.

Usage Guidelines

The **peer** command keyword indicates the standby member of an FT group.

Assign a priority value based on the relative importance of the interface that you are tracking on the standby member of an FT group. If the tracked interface goes down, the ACE decrements the priority of the FT group on the standby member by the value of the *number* argument. If the priority of the FT group on the active member falls below the priority of the FT group on the standby member, a switchover occurs where the active member becomes the standby member and the standby member becomes the active member.

Examples

To set a priority of 100 for the interface that you are tracking on the standby member, enter:

```
host1/Admin(config-ft-track-intf)# peer priority 100
```

To reset the priority of the interface to the default value of 0, enter:

```
host1/Admin(config-ft-track-intf)# no peer priority 100
```

Related Commands

[\(config-ft-track-interface\) priority](#)

(config-ft-track-interface) peer track-interface vlan

To configure the interface that you want the standby member to track, use the **peer track-interface vlan** command. Use the **no** form of this command to remove the interface.

```
peer track-interface vlan vlan_id
```

```
no peer track-interface vlan vlan_id
```

Syntax Description	<i>vlan_id</i>	Unique identifier of an existing VLAN that you want to track on the standby member of a fault-tolerant (FT) group. Enter an integer from 2 to 4094.
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Command Modes	FT track interface configuration mode Admin and user contexts
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Command History	ACE Module Release	Modification
	3.0(0)A1(2)	This command was introduced.

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

Usage Guidelines	The peer command keyword indicates the standby member of an FT group. You cannot track the FT VLAN because it is reserved for the redundancy protocol.
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Examples	To configure the VLAN 200 interface for tracking on the standby member, enter: <pre>host1/Admin(config-ft-track-intf)# peer track-interface vlan 200</pre> To remove VLAN 200 from the tracking process, enter: <pre>host1/Admin(config-ft-track-intf)# no peer track-interface vlan 200</pre>
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Related Commands	(config-ft-track-interface) track-interface vlan
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(config-ft-track-interface) priority

To assign a priority to the interface that the active member is tracking, use the **priority** command. Use the **no** form of this command to reset the priority of the interface to the default value of 10.

priority *number*

no priority *number*

Syntax Description

<i>number</i>	Priority of the interface tracked by the active member of a fault-tolerant (FT) group. Enter an integer from 0 to 255. The default is 0. Higher values indicate higher priorities.
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Command Modes

FT track interface configuration mode
Admin and user contexts

Command History

ACE Module Release	Modification
3.0(0)A1(2)	This command was introduced.

ACE Appliance Release	Modification
A1(7)	This command was introduced.

Usage Guidelines

Assign a priority value based on the relative importance of the interface that you are tracking on the active member of an FT group. If the tracked interface goes down, the ACE decrements the priority of the FT group on the active member by the value of the *number* argument. If the priority of the FT group on the active member falls below the priority of the FT group on the standby member, a switchover occurs where the active member becomes the standby member and the standby member becomes the active member.

Examples

To set a priority of 100 for the interface that you are tracking on the active member of an FT group, enter:

```
host1/Admin(config-ft-track-intf)# priority 100
```

To reset the priority of the interface to the default value of 0, enter:

```
host1/Admin(config-ft-track-intf)# no priority 100
```

Related Commands

[\(config-ft-track-interface\) peer priority](#)

(config-ft-track-interface) track-interface vlan

To configure the interface that you want the active member to track, use the **track-interface vlan** command. Use the **no** form of this command to remove the interface from the tracking process.

track-interface vlan *vlan_id*

no track-interface vlan *vlan_id*

Syntax Description	<i>vlan_id</i>	Unique identifier of an existing VLAN that you want to track on the active member of a fault-tolerant (FT) group. Enter an integer from 2 to 4094.
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Command Modes	FT track interface configuration mode Admin and user contexts
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Command History	ACE Module Release	Modification
	3.0(0)A1(2)	This command was introduced.

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

Usage Guidelines	This command has no usage guidelines.
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Examples To configure the VLAN 200 interface for tracking on the active member, enter:

```
host1/Admin(config-ft-track-intf)# track-interface vlan 200
```

To remove VLAN 200 from the tracking process, enter:

```
host1/Admin(config-ft-track-intf)# no track-interface vlan 200
```

Related Commands	show interface (ACE module only) (config) hw-module
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