



I Commands

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ingress interface

To add an ingress interface or multiple interfaces to an Intelligent Traffic Director (ITD) service, use the **ingress interface** command. To remove the interface or interfaces, use the **no** form of this command.

ingress interface *interface*

no ingress interface *interface*

Syntax Description

<i>interface</i>	Ingress interface. You can enter a single interface, multiple interfaces, or a range of interfaces (see the usage guidelines section).
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Command Default

None.

Command Modes

ITD configuration (config-itd)

Command History

Release	Modification
6.2(8)	This command was introduced.

Usage Guidelines

You must ensure that ITD is enabled before you enter this command. You can enter the **feature itd** global configuration mode command to enable ITD.

You can enter a single interface, multiple interfaces, or a range of interfaces using the **ingress interface** command:

- Use a comma (",") to separate multiple interfaces:

```
switch(config-itd)# ingress interface Ethernet 4/1, Ethernet 4/
```

- Use a hyphen ("-") to separate a range of interfaces:

```
switch(config-itd)# ingress interface Ethernet 4/1-10  
switch(config-itd)# ingress interface vlan 1-100
```



Note

Before modifying the service parameters or device-group parameters, you must enter the **shutdown** command. Once the required parameters are modified, you should enter the **no shutdown** command on the service.

This command requires the Enhanced Layer 2 Package license.

Examples

This example shows how to configure multiple ingress interfaces for the ITD service:

```
switch(config)# feature itd
switch(config)# itd device-group dg
switch(config-device-group)# node ip 20.20.20.3
switch(config-device-group)# node ip 20.20.20.4
switch(config-device-group)# node ip 20.20.20.5
switch(config-device-group)# probe icmp
switch(config-device-group)# exit
switch(config)# itd test
switch(config-itd)# device-group dg
switch(config-itd)# ingress interface Ethernet 4/1, Ethernet 4/2
```

This example shows how to configure a range of ingress interfaces for the ITD service:

```
switch(config)# feature itd
switch(config)# itd device-group dg
switch(config-device-group)# node ip 20.20.20.3
switch(config-device-group)# node ip 20.20.20.4
switch(config-device-group)# node ip 20.20.20.5
switch(config-device-group)# probe icmp
switch(config-device-group)# exit
switch(config)# itd test
switch(config-itd)# device-group dg
switch(config-itd)# ingress interface Ethernet 4/1-10
```

Related Commands

Command	Description
device-group	Adds an existing device group to an ITD service
feature itd	Enables the ITD service on the switch.
itd device-group	Creates an ITD device group.
node ip	Creates an IPv4 cluster node for ITD.
node ipv6	Creates an IPv6 cluster node for ITD.

itd

To configure an Intelligent Traffic Director (ITD) service and to enter into ITD configuration mode, use the **itd** command. To remove the ITD service, use the **no** form of this command.

itd *service-name*

no itd *service-name*

Syntax Description

<i>service-name</i>	Name of the ITD service. You can enter up to 32 alphanumeric characters.
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Command Default

Disabled.

Command Modes

Global configuration

Command History

Release	Modified
6.2(8)	This command was introduced.

Usage Guidelines

You must ensure that ITD is enabled before you enter this command. You can enter the **feature itd** global configuration mode command to enable ITD.



Note

Before modifying the service parameters or device-group parameters, you must enter the **shutdown** command. Once the required parameters are modified, you should enter the **no shutdown** command on the service.

This command requires the Enhanced Layer 2 Package license.

Examples

This example shows how to configure an ITD service and to enter into ITD configuration mode:

```
switch(config)# feature itd
switch(config)# itd test
switch(config-itd)
```

Related Commands

Command	Description
feature itd	Enables the ITD service on the switch.

Command	Description
show itd	Displays ITD configuration information.

itd device-group

To create an Intelligent Traffic Director (ITD) device group and enter device group configuration mode, use the **itd device-group** command. To remove the ITD device group, use the **no** form of this command.

itd device-group *name*

no itd device-group *name*

Syntax Description

<i>name</i>	Name of the ITD device group. You can enter up to 32 alphanumeric characters.
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Command Default

Disabled.

Command Modes

Global configuration

Command History

Release	Modified
6.2(8)	This command was introduced.

Usage Guidelines

You must ensure that ITD is enabled before you enter this command. You can enter the **feature itd** global configuration mode command to enable ITD.



Note

Before modifying the service parameters or device-group parameters, you must enter the **shutdown** command. Once the required parameters are modified, you should enter the **no shutdown** command on the service.

This command requires the Enhanced Layer 2 Package license.

Examples

This example shows how to create a device group and enter into device group configuration mode:

```
switch(config)# feature itd
switch(config)# itd device-group dg
switch(config-device-group)#
```

Related Commands

Command	Description
feature itd	Enables the ITD service on the switch.

itd statistics

To enable the collection of statistics for the Intelligent Traffic Director (ITD) service, use the **itd statistics** command. To disable the collection of statistics, use the **no** form of this command.

itd statistics *service-name*

no itd statistics *service-name*

Syntax Description

<i>service-name</i>	Name of the ITD service.
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Command Default

Disabled.

Command Modes

Global configuration

Command History

Release	Modified
6.2(10)	This command was introduced.

Usage Guidelines

You must ensure that ITD is enabled before you enter this command. You can enter the **feature itd** global configuration mode command to enable ITD.

This command requires the Enhanced Layer 2 Package license.

Examples

This example shows how to create a device group and enter into device group configuration mode:

```
switch(config)# feature itd
switch(config)# itd statistics test
```

Related Commands

Command	Description
feature itd	Enables the ITD service on the switch.
show itd statistics	Displays the statistics for the ITD service.

