



## This is a command wrapper topic

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# permit (IPv4)

To create an IPv4 access control list(ACL) rule thta permits traffic matching its conditions, use the **permit** command. To remove a rule, use the **no** form of this command.

This is for test

CSCsy01403: Make sure there are no extra spaces in the syntax diagram block following

General Syntax:

[sequence-number] **permit** protocol source destination QA Test: CSCsv22488 The following group chose should appear with square brackets only [{dscp dscp | QA test CSCsz89741: check that a space appears after this precedence}]

[QA Test: CSCsx24477] This synblk must appear on a different line protocol source destination QA Test Sprint 9 CSCtc25038 and CSCsw43905 There should be a pipe separator between this sentence and this sentence. There should also be a single space before the pipe and after the pipe

QA Test Sprint 9: Open this command in firefox and check that the fonts for the command syntax is the same size.

**no deny** protocol {source-ipv6-prefix/prefix-length | **any** | **host** source-ipv6-address} [operator [port-number]] {destination-ipv6-prefix/prefix-length | **any** | **host** destination-ipv6-address} [operator [port-number]] [**dest-option-type** [{doh-numberdoh-type}]] [**dscpvalue**] [**flow-labelvalue**] [**fragments**] [**log**] [**log-input**] [**mobility**] [**mobility-type** [{mh-numbermh-type}]] [**routing**] [**routing-type** routing-number] [**sequencevalue**] [**time-rangename**] [**undetermined-transport**]

## Command Default

A Newly created IPv4 ACL contains no rules

If yo do not specify a sequence number, the device assigns to the rule a sequence number that is greater than 10 greater than the last rule in the ACL

## Command Modes

IPv4 ACL configuration

### Source and Destination

You can specify the *source* and *destination* arguments in one of several ways. In each rule, the method you use to specify one of these arguments does not affect how you specify the other. When you configure a rule, use the following methods to specify the *source* and *destination* arguments:

#### IP address group object—

You can use an IPv4 address group object to specify a source or destination argument. Use the **object-group ip address** command to create and change IPv4 address group objects. The syntax is as follows: QA: CSCsz86893. These sep elements after addrgroup should render with a space (2 spaces). This is outside of a syntax diagram.

**addrgroup** space address-group-name

The following example shows how to use an IPv4 address object group named lab-gateway-svrs to specify the destination argument:

```
switch(config-acl)# permit ip any addrgroup lab-gateway-svrs
```

#### Address and network wildcard

You can use an IPv4 address followed by a network wildcard to specify a host or a network as a source or destination. The syntax is as follows: *IPv4-addressnetwork-wilddcard*

The following example shows how to specify the source argument with the IPv4 address and VLSM for the 192.168.67.0 subnet

```
switch(config-acl) #
```

### ICMP Message Types

The icmp-message argument can be the ICMP message number, which is an integer from 0 to 255. It can also be one of the following keywords:

**administratively-prohibited**

Administratively-prohibited

**alternate-address**

Alternate-address

### TCP Port Names

When you specify the protocol argument as tcp, the port argument can be a TCP port number, which is an integer from 0 to 65535. It can also be one of the following keywords:

**bgp**

Border Gateway Protocol

**chargen**

Character generator

**cmd**

Remote commands (rcmd,514)

# create wwn-pool

To create a WWN (World Wide Name) pool, use the **create wwn-pool** command.

```
create wwn-pool name {node-wwn-assignment | port-wwn-assignment}
```

## Syntax Description

<i>name</i>	WWN pool name. The range of valid values is 1 to 16.
<b>node-wwn-assignment</b>	Specifies world wide node name assignment.
<b>port-wwn-assignment</b>	Specifies world wide node port assignment.

## Command Default

None

## Command Modes

Organization (/org)

## Command History

Release	Modification
1.0(1)	This command was introduced.

## Usage Guidelines

Use this command to create a WWN pool with the specified name, and enters organization WWN pool mode. A WWN pool can include only WWNNs or WWPNS in the 20:xx range. All other WWN ranges are reserved.

## Examples

This example shows how to create a WWN pool:

```
switch-A# scope org org3
switch-A /org # create wwn-pool wwnp1 port-wwn-assignment
switch-A /org/wwn-pool* # commit-buffer
switch-A /org/wwn-pool #
```

# create vsan-Sathish

QA Test Sprint 9 CSCta77961: Test that each Command appears in its own page. Karthik has changed it

To create a VSAN, use the **create vsan** command.

karthik included this after os patch

karthik has included this during sprint6-round1 build.

sprint-5 round1

sprint-5 round1 patch

**create vsan** *name id fcoe-vlan*

<b>Syntax Description</b>	<i>name</i>	VSAN name. The range of valid values is 1 to 16.
	<i>id</i>	VSAN identification number. The range of valid values is 1 to 4093.
	<b>default-2</b>	Specifies default 1.
	<i>fcoe-vlan</i>	Fibre Channel over Ethernet VLAN. The range of valid values is 1 to 4093.
	<b>default-1</b>	Specifies default 2.
<b>Command Default</b>	None	
<b>Command Modes</b>	Fibre Channel uplink (/fc-uplink) Switch (/fc-uplink/switch)	
<b>Command History</b>	<b>Release</b>	<b>Modification</b>
	1.0(1)	This command was introduced.
<b>Usage Guidelines</b>	<p>Use this command to create a VSAN with the specified name, and enters organization VSAN mode.</p> <p>You can create a named VSAN with IDs from 1 to 4093. VSANs configured on different FCoE VLANs cannot share the same ID.</p>	

## Examples

This example shows how to create a VSAN:

```
switch-A# scope fc-uplink
switch-A /fc-uplink # create vsan vs2 6 10
switch-A /fc-uplink/vsan* # commit-buffer
switch-A /fc-uplink/vsan #
```

# create vnic-egress-policy

To create a VNIC egress policy, use the **create vnic-egress-policy** command.

**create vnic-egress-policy**

This command has no arguments or keywords.

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**Command Default**

None

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**Command Modes**

Virtual NIC QoS (/org/vnic-qos)

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**Command History**

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**Release    Modification**

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1.0(1)    This command was introduced.

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Use this command to create a vNIC egress policy, and enter organization virtual NIC egress policy mode.

## Examples

This example shows how to create a vNIC egress policy:

```
switch-A# scope org org3
switch-A /org # scope vnic-qos vnicq1
switch-A /org/vnic-qos # create vnic-egress-policy
switch-A /org/vnic-qos* # commit-buffer
switch-A /org/vnic-qos #
```

# Profiling test

- This is for test

This is for TESTING

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