



Command Reference BookMap

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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.

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 groupchse 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-number| doh-type]] [dscpvalue] [flow-labelvalue] [fragments] [log*
[log-input] [mobility] [mobility-type *[mh-number| mh-type]] [routing] [routing-type* *routing-number]*
[sequencevalue] [time-rangename] [undetermined-transport]

コマンド デフォルト

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

コマンド モード

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 syntaxdiagram.

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-wildcard*

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**}

構文の説明

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

コマンド デフォルト

None

コマンド モード

Organization (/org)

コマンド履歴

Release	Modification
1.0(1)	This command was introduced.

使用上のガイドライン

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.

例

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

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*

構文の説明

<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.
default-2	Specifies default 1.
<i>fcoe-vlan</i>	Fibre Channel over Ethernet VLAN. The range of valid values is 1 to 4093.
default-1	Specifies default 2.

コマンド デフォルト

None

コマンド モード

Fibre Channel uplink (/fc-uplink)
Switch (/fc-uplink/switch)

コマンド履歴

Release	Modification
1.0(1)	This command was introduced.

使用上のガイドライン

Use this command to create a VSAN with the specified name, and enters organization VSAN mode.

You can create a named VSAN with IDs from 1 to 4093. VSANs configured on different FCoE VLANs cannot share the same ID.

例

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.

コマンド デフォルト	None
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コマンド モード	Virtual NIC QoS (/org/vnic-qos)
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コマンド履歴	
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Release	Modification
1.0(1)	This command was introduced.

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

例	
---	--

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

•
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Wrapper

- [create vnic, 10 ページ](#)

create vnic

QA Test Sprint 9 CSCta77961: Test that each Command appears in its own page.

karthik has inserted part of sprint6-round1 build

karthik added this to check wan bridge issue in sprint12

To create a VNIC (Virtual Network Interface Card), use the **create vnic** command.

create vnic *name* {**fabric** {**a**|**a-b**|**b**|**b-a**}|**eth-if** *eth-if*}*

構文の説明

<i>name</i>	VNIC template name. The range of valid values is 1 to 16.
fabric	Specifies the fabric switch identification number.
a	Specifies switch A.
a-b	Specifies redundant, with switch A as primary.
b	Specifies switch B.
b-a	Specifies redundant, with switch B as primary.
eth-if	Specifies a Ethernet interface.
<i>eth-if</i>	Ethernet interface name. The range of valid values is 1 to 16.

コマンド デフォルト

None

コマンド モード

Service profile (/org/service-profile)

コマンド履歴

Release	Modification
1.0(1)	This command was introduced.

使用上のガイドライン

Use this command to create a vNIC with the specified name, and enters organization virtual NIC mode.

例

This example shows how to create a vNIC:

```
switch-A# scope org org3
switch-A /org # scope service-profile sp1
switch-A /org/service-profile # create vnic vnic110
switch-A /org/service-profile/vnic* # commit-buffer
switch-A /org/service-profile/vnic #
```

関連コマンド

QA Test: CSCtd06182 Check that the shortdescriptions appear on the dfescription column below. Also click on the first cross chapter link and see that it works in html and pdf chapters

コマンド	説明
create vsan, (5 ページ)	This is short description for vsan command
create vnic-egress-policy, (7 ページ)	This is short dfescription for create vnic-egress-policy command

