

# Common CLI Command Descriptions

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## In This Chapter

This chapter provides CLI syntax and command descriptions for SAP and port commands.

Topics in this chapter include:

- [SAP Syntax on page 440](#)
- [Port Syntax on page 442](#)

## Common Service Commands

### sap

**Syntax** [no] sap *sap-id*

**Syntax** [no] sap *sap-id*

**Description** This command specifies the physical port identifier portion of the SAP definition.

**Parameters** *sap-id* — Specifies the physical port identifier portion of the SAP definition.

The *sap-id* can be configured in one of the following formats:

Type	Syntax	Example
port-id	<i>slot/mda/port[.channel]</i>	1/1/5
null	<i>[port-id   bundle-id] bpgrp-id   lag-id   aps-id</i>	<i>port-id:</i> 1/1/3 <i>bundle-id:</i> bundle-ppp-1/1.1 <i>bpgrp-id:</i> bpgrp-ima-1 <i>lag-id:</i> lag-3 <i>aps-id:</i> aps-1
dot1q	<i>[port-id   bundle-id] bpgrp-id   lag-id   aps-id]:qtag1</i>	<i>port-id:</i> qtag1: 1/1/3:100 <i>bundle-id:</i> bundle-ppp-1/1.1 <i>bpgrp-id:</i> bpgrp-ima-1 <i>lag-id:</i> qtag1:lag-3:102 <i>aps-id:</i> qtag1: aps-1:27
qinq	<i>[port-id   bpgrp-id   lag-id]:qtag1.qtag2</i>	<i>port-id:</i> qtag1.qtag2: 1/1/3:100.10 <i>bpgrp-id:</i> bpgrp-ima-1 <i>lag-id:</i> qtag1.qtag2: lag-10:
atm	<i>[port-id   aps-id   bundle-id   bpgrp-id][:vpi/vci   vpi   vpi1.vpi2]</i>	<i>port-id:</i> 1/1/1 <i>aps-id:</i> aps-1 <i>bundle-id:</i> bundle-ima-1/1.1 bundle-ppp-1/1.1 <i>bpgrp-id:</i> bpgrp-ima-1 <i>vpi/vci:</i> 16/26 <i>vpi:</i> 16 <i>vpi1.vpi2:</i> 16.200
frame-relay	<i>[port-id   aps-id]:dlci</i>	<i>port-id:</i> 1/1/1:100 <i>bundle-id:</i> bundle-fr-3/1.1:100 <i>aps-id:</i> aps-1 <i>dlci:</i> 16
cisco-hdlc	<i>slot/mda/port.channel</i>	<i>port-id:</i> 1/1/3.1

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<b>Values:</b> <i>sap-id</i>	null [port-id   bundle-id   bpgrp-id   lag-id   aps-id] dot1q [port-id   bundle-id   bpgrp-id   lag-id   aps-id]:qtag1 qinq [port-id   bundle-id   bpgrp-id   lag-id]:qtag1.qtag2 atm [port-id   aps-id][:vpi/vci vpi  vpi1.vpi2] frame [port-id   aps-id]:dlci cisco-hdlc slot/mda/port.channel cem slot/mda/port.channel ima-grp [bundle-id][:vpi/vci vpi vpi1.vpi2] port-id slot/mda/port[.channel] bundle-id bundle-type-slot/mda.bundle-num bundle keyword type ima, fr, ppp bundle-num 1 — 336 bpgrp-id bpgrp-type-bpgrp-num bpgrp keyword type ima, ppp bpgrp-num 1 — 2000 aps-id aps-group-id[.channel] aps keyword group-id 1 — 64 ccag-id ccag-id.path-id[cc-type]:cc-id ccag keyword id 1 — 8 path-id a, b cc-type .sap-net, .net-sap cc-id 0 — 4094 eth-tunnel eth-tunnel-id[:eth-tun-sap-id] id 1 — 1024 eth-tun-sap-id 0 — 4094 lag-id lag-id lag keyword id 1 — 200 qtag1 0 — 4094 qtag2 *, 0 — 4094 vpi NNI: 0 — 4095 UNI: 0 — 255 vci 1, 2, 5 — 65535 dlci 16 — 1022 ipsec-id ipsec-id.[private   public]:tag ipsec keyword id 1 — 4 tag 0 — 4094
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## port

**Syntax** `port port-id`

**Description** This command specifies a port identifier.

**Parameters** *port-id* — The *port-id* can be configured in one of the following formats.

<b>Values</b>	port-id	
	slot/mda/port[.channel]	
	bundle-id	bundle-type-slot/mda.bundle-num
		bundle keyword
		type ima ppp
		bundle-num 1 — 256
	bpgrp-id	bpgrp-type-bpgrp-num
		bpgrp keyword
		type ima, ppp
		bpgrp-num 1 — 256
	aps-id	aps-group-id[.channel]
		aps keyword
		group-id 1 — 64
	ccag-id	ccag-id.<path-id>[cc-type]
		ccag keyword
		id 1 — 8
		path-id a, b
		cc-type [.sap-net .net-sap]
	lag-id	lag-id
		lag keyword
		id 1 — 200