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[root@NTNX-244131ad-A ~]# ovs-vsctl --help
ovs-vsctl: ovs-vswitchd management utility
usage: ovs-vsctl [OPTIONS] COMMAND [ARG...]
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Open vSwitch commands:

init	initialize database, if not yet initialized
show	print overview of database contents
emer-reset	reset configuration to clean state

Bridge commands:

add-br BRIDGE	create a new bridge named BRIDGE
add-br BRIDGE PARENT VLAN	create new fake BRIDGE in PARENT on VLAN
del-br BRIDGE	delete BRIDGE and all of its ports
list-br	print the names of all the bridges
br-exists BRIDGE	exit 2 if BRIDGE does not exist
br-to-vlan BRIDGE	print the VLAN which BRIDGE is on
br-to-parent BRIDGE	print the parent of BRIDGE
br-set-external-id BRIDGE KEY VALUE	set KEY on BRIDGE to VALUE
br-set-external-id BRIDGE KEY	unset KEY on BRIDGE
br-get-external-id BRIDGE KEY	print value of KEY on BRIDGE
br-get-external-id BRIDGE	list key-value pairs on BRIDGE

Port commands (a bond is considered to be a single port):

list-ports BRIDGE	print the names of all the ports on BRIDGE
add-port BRIDGE PORT	add network device PORT to BRIDGE
add-bond BRIDGE PORT IFACE...	add bonded port PORT in BRIDGE from IFACES
del-port [BRIDGE] PORT	delete PORT (which may be bonded) from BRIDGE
port-to-br PORT	print name of bridge that contains PORT

Interface commands (a bond consists of multiple interfaces):

list-ifaces BRIDGE	print the names of all interfaces on BRIDGE
iface-to-br IFACE	print name of bridge that contains IFACE

Controller commands:

get-controller BRIDGE	print the controllers for BRIDGE
del-controller BRIDGE	delete the controllers for BRIDGE
[--inactivity-probe=MSECS]	
set-controller BRIDGE TARGET...	set the controllers for BRIDGE
get-fail-mode BRIDGE	print the fail-mode for BRIDGE
del-fail-mode BRIDGE	delete the fail-mode for BRIDGE
set-fail-mode BRIDGE MODE	set the fail-mode for BRIDGE to MODE

Manager commands:

get-manager	print the managers
del-manager	delete the managers
[--inactivity-probe=MSECS]	
set-manager TARGET...	set the list of managers to TARGET...

SSL commands:

get-ssl	print the SSL configuration
del-ssl	delete the SSL configuration

set-ssl PRIV-KEY CERT CA-CERT set the SSL configuration

Auto Attach commands:

add-aa-mapping BRIDGE I-SID VLAN	add Auto Attach mapping to BRIDGE
del-aa-mapping BRIDGE I-SID VLAN	delete Auto Attach mapping VLAN from BRIDGE
get-aa-mapping BRIDGE	get Auto Attach mappings from BRIDGE

Switch commands:

emer-reset	reset switch to known good state
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Database commands:

list TBL [REC]	list REcOrd (or all records) in TBL
find TBL CONDITION...	list records satisfying CONDITION in TBL
get TBL REC COL[:KEY]	print values of COLUMNS in REcOrd in TBL
set TBL REC COL[:KEY]=VALUE	set COLUMNS values in REcOrd in TBL
add TBL REC COL [KEY=]VALUE	add (KEY=)VALUE to COLUMNS in REcOrd in TBL
remove TBL REC COL [KEY=]VALUE	remove (KEY=)VALUE from COLUMNS
clear TBL REC COL	clear values from COLUMNS in REcOrd in TBL
create TBL COL[:KEY]=VALUE	create and initialize new record
destroy TBL REC	delete REcOrd from TBL
wait-until TBL REC [COL[:KEY]=VALUE]	wait until condition is true

Potentially unsafe database commands require --force option.

Database commands may reference a row in each table in the following ways:

AutoAttach:

- by UUID
- via "auto_attach" of Bridge with matching "name"

Bridge:

- by UUID
- by "name"

CT_Timeout_Policy:

- by UUID

CT_Zone:

- by UUID

Controller:

- by UUID
- via "controller" of Bridge with matching "name"

Datapath:

- by UUID

Flow_Sample_Collector_Set:

- by UUID
- by "id"

Flow_Table:

- by UUID
- by "name"

IPFIX:

- by UUID
- via "ipfix" of Bridge with matching "name"

Interface:

- by UUID
- by "name"

Manager:

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    by UUID
    by "target"
Mirror:
    by UUID
    by "name"
NetFlow:
    by UUID
    via "netflow" of Bridge with matching "name"
Open_vSwitch:
    by UUID
    as "."
Port:
    by UUID
    by "name"
QoS:
    by UUID
    via "qos" of Port with matching "name"
Queue:
    by UUID
SSL:
    by UUID
    as "."
sFlow:
    by UUID
    via "sflow" of Bridge with matching "name"

Options:
--db=DATABASE          connect to DATABASE
                        (default: unix:/var/run/openvswitch/db.sock)
--no-wait               do not wait for ovs-vswitchd to reconfigure
--retry                keep trying to connect to server forever
-t, --timeout=SECS     wait at most SECS seconds for ovs-vswitchd
--dry-run              do not commit changes to database
--online               print exactly one line of output per command

Output formatting options:
-f, --format=FORMAT    set output formatting to FORMAT
                        ("table", "html", "csv", or "json")
-d, --data=FORMAT      set table cell output formatting to
                        FORMAT ("string", "bare", or "json")
--no-headings          omit table heading row
--pretty               pretty-print JSON in output
--bare                equivalent to "--format=list --data=bare --no-headings"

Logging options:
-vSPEC, --verbose=SPEC set logging levels
-v, --verbose          set maximum verbosity level
--log-file[=FILE]      enable logging to specified FILE
                        (default: /var/log/openvswitch/ovs-vsctl.log)
--syslog-method=(libc|unix:file|udp:ip:port)
                        specify how to send messages to syslog daemon

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--syslog-target=HOST:PORT also send syslog msgs to HOST:PORT via UDP
--no-syslog equivalent to --verbose=vsctl:syslog:warn

Active database connection methods:

tcp:HOST:PORT PORT at remote HOST
ssl:HOST:PORT SSL PORT at remote HOST
unix:FILE Unix domain socket named FILE

Passive database connection methods:

ptcp:PORT[:IP] listen to TCP PORT on IP
pssl:PORT[:IP] listen for SSL on PORT on IP
punix:FILE listen on Unix domain socket FILE

PKI configuration (required to use SSL):

-p, --private-key=FILE file with private key
-c, --certificate=FILE file with certificate for private key
-C, --ca-cert=FILE file with peer CA certificate
--bootstrap-ca-cert=FILE file with peer CA certificate to read or create

SSL options:

--ssl-protocols=PROTOS list of SSL protocols to enable
--ssl-ciphers=CIPHERS list of SSL ciphers to enable

Other options:

-h, --help display this help message
-V, --version display version information

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