
OpenFlow Command Reference

Command Hierarchies

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OpenFlow Commands

```

config
  — open-flow filter-id [create]
    — [no] of-switch ofs-name
      — [no] controller ip-address:port
      — description description-string
      — no description
      — echo-interval seconds
      — no echo-interval
      — echo-multiple value
      — no echo-multiple
      — [no] flowtable of-table-id
        — max-size size
        — no max-size
        — no-match-action {drop | fall-through}
        — no no-match-action
        — [no] switch-defined-cookie
      — [no] logical-port-status {rsvp-te|mpls-tp}
      — [no] logical-port-status {rsvp-te | mpls-tp}
      — [no] shutdown

```

Show Commands

```

show
  — open-flow
    — of-switch
    — of-switch ofs-name controller ip-address:port detail
    — of-switch ofs-name status controller [ip-address:port]
    — of-switch ofs-name controller
    — of-switch ofs-name flowtable
    — of-switch ofs-name status
    — of-switch ofs-name port

```

Tools Commands

```

tools
  — dump
    — open-flow
      — of-switch ofs-name [flowtable of-table-id] [{grt | system | service-id service-id}]
        [cookie hex-string] [priority priority]
      — of-switch ofs-name [flowtable of-table-id] service-id service-id sap-id sap-id
        [cookie hex-string] [priority priority]
      — of-switch ofs-name [flowtable of-table-id] summary

```

