

[edit ethernet-switching-options] Hierarchy Level

```
ethernet-switching-options {
  analyzer analyzer-name {
    ... the analyzer subhierarchy appears after the main [edit ethernet-switching-options]
    hierarchy ...
  }
  authentication-whitelist {
    mac-address {
      interface interface-name;
      vlan-assignment vlan-identifier;
    }
  }
  bpdu-block {
    disable-timeout seconds;
    interface (all | interface-name);
  }
  dot1q-tunneling {
    ether-type (0x8100 | 0x88a8 | 0x9100);
  }
  interfaces interface-name {
    no-mac-learning;
  }
  mac-table-aging-time seconds;
  port-error-disable {
    disable-timeout seconds;
  }
  redundant-trunk-group {
    group group-name {
      description text-description;
      interface interface-name <primary>;
    }
  }
  secure-access-port {
    ... the secure-access-port subhierarchy appears after the main [edit
    ethernet-switching-options] hierarchy ...
  }
  storm-control {
    action-shutdown;
    interface (all | interface-name) {
      bandwidth kpbs;
    }
  }
  traceoptions {
    file filename <files number> <no-stamp> <replace> <size size> <world-readable |
    no-world-readable>;
    flag flag <disable>;
  }
  unknown-unicast-forwarding {
    vlan vlan-name {
      interface (all | interface-name);
    }
  }
  voip {
```

```

interface (access-ports | all | interface-name) {
    forwarding-class (class-name | assured-forwarding | best-effort |
        expedited-forwarding | network-control);
    vlan vlan-name ;
}
}
}

```

```

ethernet-switching-options {
    analyzer analyzer-name {
        input {
            egress {
                interface (all | interface-name);
            }
            ingress {
                interface (all | interface-name);
                vlan vlan-identifier-or-range;
            }
        }
        loss-priority (high | low);
        output {
            interface {
                interface-name;
            }
            vlan {
                vlan-id;
            }
        }
        ratio number;
    }
}

```

```

ethernet-switching-options {
    secure-access-port {
        dhcp-snooping-file {
            location (local-pathname | url);
            timeout seconds;
            write-interval seconds;
        }
        interface interface-name {
            allowed-mac [ mac-addresses ];
            (dhcp-trusted | no-dhcp-trusted);
            mac-limit number action (drop | log | none | shutdown);
            no-allowed-mac-log;
            static-ip ip-address mac mac-address vlan vlan-id;
        }
        vlan (all | vlan-name) {
            (arp-inspection | no-arp-inspection);
            dhcp-option82 {
                disable;
                circuit-id {
                    prefix hostname;
                    use-interface-description;
                    use-vlan-id;
                }
                remote-id {

```

```
    prefix (hostname | mac | none);
    use-interface-description;
    use-string string;
  }
  vendor-id {
    text-string;
  }
}
(examine-dhcp | no-examine-dhcp);
(ip-source-guard | no-ip-source-guard);
mac-move-limit number <action (drop | log | none | shutdown)>;
}
}
```

Related Topics ■ Notational Conventions Used in JUNOS Configuration Hierarchies

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