

unit

Syntax unit *logical-unit-number* {
 accept-source-mac {
 mac-address *mac-address* {
 [Unresolved xref] {
 input *cos-policer-name*;
 output *cos-policer-name*;
 }
 }
 }
 accounting-profile *name*;
 allow-any-vci;
 atm-scheduler-map (*map-name* | default);
 backup-options {
 interface *interface-name*;
 }
 bandwidth *rate*;
 cell-bundle-size *cells*;
 clear-dont-fragment-bit;
 [Unresolved xref] {
 rtp {
 maximum-contexts *number* <force>;
 f-max-period *number*;
 queues [*queue-numbers*];
 port {
 minimum *port-number*;
 maximum *port-number*;
 }
 }
 }
 compression-device *interface-name*;
 copy-tos-to-outer-ip-header;
 [Unresolved xref] *family*;
 [Unresolved xref] *family*;
 demux-options {
 underlying-interface *interface-name*;
 }
 description *text*;
 dial-options {
 l2tp-interface-id *name*;
 (dedicated | shared);
 }
 dialer-options {
 activation-delay *seconds*;
 callback;
 callback-wait-period *time*;
 deactivation-delay *seconds*;
 dial-string [*dial-string-numbers*];
 idle-timeout *seconds*;

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incoming-map {
    caller caller-id | accept-all;
    initial-route-check seconds;
    load-interval seconds;
    load-threshold percent;
    pool pool-name;
    redial-delay time;
    watch-list {
        [ routes ];
    }
}
}
[Unresolved xref];
disable-mlppp-inner-ppp-pfc;
dlci dlci-identifier;
drop-timeout milliseconds;
dynamic-call-admission-control {
    activation-priority priority;
    bearer-bandwidth-limit kilobits-per-second;
}
[Unresolved xref] type;
[Unresolved xref] cells plp1 cells;
fragment-threshold bytes;
inner-vlan-id-range start start-id end end-id;
[Unresolved xref] {
    (pop | pop-pop | pop-swap | push | push-push | swap |
    swap-push | swap-swap);
    inner-tag-protocol-id tpid;
    inner-vlan-id number;
    [Unresolved xref] tpid;
    [Unresolved xref] number;
}
interleave-fragments;
inverse-arp;
layer2-policer {
    input-policer policer-name;
    input-three-color policer-name;
    output-policer policer-name;
    output-three-color policer-name;
}
link-layer-overhead percent;
minimum-links number;
mrru bytes;
multicast-dlci dlci-identifier;
multicast-vci vpi-identifier.vci-identifier;
multilink-max-classes number;
multipoint;
oam-liveness {
    up-count cells;
    down-count cells;
}
oam-period (disable | seconds);

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[Unresolved xref] {
    (pop | pop-pop | pop-swap | push | push-push | swap |
    swap-push | swap-swap);
    inner-tag-protocol-id tpid;
    inner-vlan-id number;
    [Unresolved xref] tpid;
    [Unresolved xref] number;
}
passive-monitor-mode;
peer-unit unit-number;
plp-to-clp;
point-to-point;
ppp-options {
    chap {
        access-profile name;
        default-chap-secret name;
        local-name name;
        [Unresolved xref];
    }
    [Unresolved xref] {
        acfc;
        pfc;
    }
    dynamic-profile profile-name;
    lcp-restart-timer milliseconds;
    loopback-clear-timer seconds;
    ncp-restart-timer milliseconds;
    pap {
        access-profile name;
        default-pap-password password;
        local-name name;
        local-password password;
        [Unresolved xref];
    }
}
pppoe-options {
    access-concentrator name;
    auto-reconnect seconds;
    (client | server);
    service-name name;
    underlying-interface interface-name;
}
proxy-arp;
service-domain (inside | outside);
shaping {
    (cbr rate | rtvbr peak rate sustained rate burst length | vbr peak rate sustained rate
    burst length);
    queue-length number;
}
short-sequence;
[Unresolved xref] number;
(traps | no-traps);

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trunk-bandwidth rate;
trunk-id number;
tunnel {
    backup-destination address;
    [Unresolved xref] address;
    key number;
    routing-instance {
        [Unresolved xref] routing-instance-name;
    }
    source source-address;
    ttl number;
}
vci vpi-identifier.vci-identifier;
vci-range start start-vci end end-vci;
[Unresolved xref] vpi-identifier;
[Unresolved xref] number;
vlan-id-range number-number;
vlan-tags inner tpid.vlan-id outer tpid.vlan-id;
family family {
    accounting {
        destination-class-usage;
        source-class-usage {
            direction;
        }
    }
}
bundle interface-name;
filter {
    group filter-group-number;
    input filter-name;
    input-list {
        [ filter-names ];
        output filter-name;
    }
    output-list {
        [ filter-names ];
    }
}
ipsec-sa sa-name;
interface-mode (access | trunk);
keep-address-and-control;
mac-validate (loose | strict);
mtu bytes;
multicast-only;
no-redirects;
[Unresolved xref] {
    arp policer-template-name;
    input policer-template-name;
    output policer-template-name;
}
[Unresolved xref];
proxy inet-address address;
receive-options-packets;

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receive-ttl-exceeded;
remote (inet-address address | mac-address address);
rpf-check <fail-filter filter-name> {
    <mode loose>;
}
sampling {
    direction;
}
service {
    input {
        service-set service-set-name <service-filter filter-name>;
        post-service-filter filter-name;
    }
    output {
        service-set service-set-name <service-filter filter-name>;
    }
}
(translate-discard-eligible | no-translate-discard-eligible);
(translate-fecn-and-becn | no-translate-fecn-and-becn);
[Unresolved xref] interface-name [Unresolved xref] address destination-profile
    profile-name;
address address {
    arp ip-address (mac | multicast-mac) mac-address <publish>;
    broadcast address;
    [Unresolved xref] address;
    eui-64;
    master-only;
    multipoint-destination address (dlci dlci-identifier | vci vci-identifier);
    multipoint-destination address {
        [Unresolved xref] cells plp1 cells;
        inverse-arp;
        oam-liveness {
            up-count cells;
            down-count cells;
        }
        oam-period (disable | seconds);
        shaping {
            (cbr rate | rtvbr peak rate sustained rate burst length | vbr peak rate
                sustained rate burst length);
            queue-length number;
        }
        vci vpi-identifier.vci-identifier;
    }
    preferred;
    [Unresolved xref];
    (vrrp-group | vrrp-inet6-group) group-number {
        (accept-data | no-accept-data);
        advertise-interval seconds;
        authentication-type authentication;
        authentication-key key;
        fast-interval milliseconds;
        (preempt | no-preempt) {
            hold-time seconds;
        }
    }
}

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    }
    priority-number number;
    track {
        priority-cost seconds;
        priority-hold-time interface-name {
            interface priority;
            bandwidth-threshold bits-per-second {
                priority;
            }
        }
    }
    virtual-address [ addresses ];
}
}
}

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Hierarchy Level	[edit interfaces <i>interface-name</i>], [edit logical-systems <i>logical-system-name</i> interfaces <i>interface-name</i>], [edit interfaces interface-set (Ethernet Interfaces) <i>interface-set-name</i> interface <i>interface-name</i>]
Release Information	Statement introduced before JUNOS Release 7.4.
Description	Configure a logical interface on the physical device. You must configure a logical interface to be able to use the physical device.
Options	<i>logical-unit-number</i> —Number of the logical unit. Range: 0 through 16,384 The remaining statements are explained separately.
Usage Guidelines	See [Unresolved xref] .
Required Privilege Level	interface—To view this statement in the configuration. interface-control—To add this statement to the configuration.
Related Topics	<i>JUNOS Services Interfaces Configuration Guide</i>