

family

Syntax family *family* {
 accounting {
 destination-class-usage;
 source-class-usage {
 direction;
 }
 }
 address *address* {
 destination *address*;
 }
 bundle *interface-name*;
 filter {
 dialer *filter-name*;
 input *filter-name*;
 output *filter-name*;
 group *filter-group-number*;
 }
 interface-mode (access | trunk);
 ipsec-sa *sa-name*;
 keep-address-and-control;
 llc2 {
 ack-delay-time *time*;
 ack-max *count*;
 idle-time *time*;
 local-window *count*;
 max-retry *count*;
 p-bit-timeout *time*;
 redundancy-group *group-number* {
 [Unresolved xref] *seconds*;
 map {
 local-mac *mac-address* request *mac-address*;
 }
 preempt hold-time *seconds*;
 no-preempt;
 [Unresolved xref] *priority*;
 track {
 dls {
 peer *ip-address* priority-cost *priority*;
 [Unresolved xref] *mac-address* priority-cost *priority*;
 }
 [Unresolved xref] *interface-name* priority-cost *priority*;
 }
 }
 t1-time *time*;
 t2-time *time*;
 trej-time *time*;
 }
 mac-validate (loose | strict);

```

mtu bytes;
multicast-only;
negotiate-address;
no-redirects;
[Unresolved xref] {
    arp policer-template-name;
    input policer-template-name;
    output policer-template-name;
}
[Unresolved xref];
protocols [inet iso mpls];
proxy inet-address address;
receive-options-packets;
receive-ttl-exceeded;
remote (inet-address address | mac-address address);
rpf-check <fail-filter filter-name>;
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] number;
vlan-id-list [number number-number];
[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;
    destination-profile name;
    eui-64;
    multipoint-destination address dlci dlci-identifier;
    multipoint-destination address {
        [Unresolved xref] 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;
}
[Unresolved xref];
preferred;
(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;
    }
    priority-number number;
    track {
        priority-cost seconds;
        priority-hold-time interface-name {
            interface priority;
            bandwidth-threshold bits-per-second {
                priority;
            }
        }
    }
    route ip-address/mask routing-instance instance-name priority-cost cost;
}
virtual-address [ addresses ];
}
}
}

```

Hierarchy Level	[edit interfaces <i>interface-name</i> unit <i>logical-unit-number</i>], [edit logical-systems <i>logical-system-name</i> interfaces <i>interface-name</i> unit <i>logical-unit-number</i>]
Release Information	Statement introduced before JUNOS Release 7.4.
Description	Configure protocol family information for the logical interface.

Options *family*—Protocol family:

- **any**—Protocol-independent family used for Layer 2 packet filtering
- **bridge**—(M-series and T-series routing platforms only) Configure only when the physical interface is configured with **ethernet-bridge** type encapsulation or when the logical interface is configured with **vlan-bridge** type encapsulation
- **ccc**—Circuit cross-connect protocol suite
- **inet**—Internet Protocol version 4 suite
- **inet6**—Internet Protocol version 6 suite
- **iso**—International Organization for Standardization Open Systems Interconnection (ISO OSI) protocol suite
- **mlfr-end-to-end**—Multilink Frame Relay FRF.15
- **mlfr-uni-nni**—Multilink Frame Relay FRF.16
- **multilink-ppp**—Multilink Point-to-Point Protocol
- **mpls**—Multiprotocol Label Switching (MPLS)
- **tcc**—Translational cross-connect protocol suite
- **tnp**—Trivial Network Protocol
- **vpls**—(M-series and T-series routing platforms only) Virtual private LAN service

The remaining statements are explained separately.

Usage Guidelines See Configuring the Protocol Family and the *JUNOS Services Interfaces Configuration Guide*.

Required Privilege Level *interface*—To view this statement in the configuration.
interface-control—To add this statement to the configuration.