

## dynamic-profiles

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Syntax dynamic-profiles {
    profile-name {
        class-of-service {
            interfaces {
                interface-name {
                }
                unit logical-unit-number {
                    output-traffic-control-profile profile-name;
                }
            }
        }
        scheduler-maps {
            map-name {
                forwarding-class class-name scheduler scheduler-name;
            }
        }
        schedulers {
            (scheduler-name) {
                buffer-size (seconds | percent percentage | remainder | temporal
                    microseconds);
                drop-profile-map loss-priority (any | low | medium-low | medium-high | high)
                    protocol (any | non-tcp | tcp) drop-profile profile-name;
                priority priority-level;
                transmit-rate (percent percentage | rate | remainder) <exact | rate-limit>;
            }
        }
        traffic-control-profiles profile-name {
            delay-buffer-rate (percent percentage | rate | $junos-cos-delay-buffer-rate);
            guaranteed-rate (percent percentage | rate | $junos-cos-guaranteed-rate);
            scheduler-map map-name;
            shaping-rate (percent percentage | rate | $junos-cos-shaping-rate);
        }
    }
    firewall {
        family family {
            fast-update-filter filter-name {
                interface-specific;
                match-order [match-order];
                term term-name {
                    from {
                        match-conditions;
                    }
                    then {
                        action;
                        action-modifiers;
                    }
                    only-at-create;
                }
            }
        }
    }
    interfaces interface-name {
```

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unit logical-unit-number {
    family family {
        address address;
        filter {
            input filter-name (
                precedence precedence;
            )
            output filter-name {
                precedence precedence;
            }
        }
        unnumbered-address interface-name preferred-source-address address;
        vlan-id number;
        vlan-tags outer [tpid].vlan-id [inner [tpid].vlan-id];
    }
}

protocols {
    igmp {
        interface interface-name {
            accounting;
            disable;
            group-policy policy-name;
            immediate-leave;
            no-accounting;
            oif-map;
            passive;
            promiscuous-mode;
            ssm-map ssm-map-name;
            static {
                group group {
                    source source;
                }
            }
            version version;
        }
    }
    routing-instances {
        interface interface-name;
    }
    routing-options {
        multicast {
            interface interface-name {
                no-qos-adjust;
            }
        }
    }
}

variables {
    statement-name {
        default-value default-value;
        radius {
            vendor-id id {
                attribute attribute-number;
                tag tag-number;
            }
        }
    }
}

```

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    }
  }
}

```

**Hierarchy Level** [edit]

**Release Information** Statement introduced in JUNOS Release 9.2.

**Description** Create dynamic profiles for use with DHCP client access.

**Options** *profile-name*—Name of the dynamic profile.

The remaining statements are explained separately.

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

- Related Topics**
- Dynamic Profiles Overview
  - Configuring a Basic Dynamic Profile

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