

Example: Configuring a Dynamic IP Demux Interface with Dual Stacking

In this example, the network administrator configures IPv4 and IPv6 addressing for a dynamic IP demux interface with a group of underlying static VLANs.

```
[edit]
dynamic-profiles {
  dhcp-demux-prof {
    interfaces {
      demux0 {
        unit "$junos-interface-unit" {
          demux-options {
            underlying-interface "$junos-underlying-interface";
          }
          family inet {
            demux-source {
              $junos-subscriber-ip-address;
            }
            unnumbered-address lo0.0 preferred-source-address 3.1.1.1;
          }
          family inet6 {
            demux-source {
              $junos-subscriber-ipv6-address;
            }
            unnumbered-address lo0.0 preferred-source-address
              2001:db8:ffff:1::1;
          }
        }
      }
    }
  }
}
all-profile {
  interfaces {
    "$junos-interface-ifd-name" {
      unit "$junos-underlying-interface-unit";
    }
  }
}
services {
  dhcp-local-server {
    traceoptions {
      file dhcp size 1g;
      flag all;
    }
  }
  dhcpv6 {
    authentication {
      password delpref;
      username-include {
        user-prefix localpool;
      }
    }
  }
  group groupv6 {
    authentication {
```

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        password delpref;
        username-include {
            user-prefix localpool;
        }
    }
    dynamic-profile dhcp-demux-prof use-primary all-profile;
    interface ge-0/0/3.0;
}
}
group groupv4 {
    authentication {
        password delprefv4;
        username-include {
            user-prefix localpoolv4;
        }
    }
    dynamic-profile dhcp-demux-prof;
    interface ge-0/0/2.0;
}
}
}
processes {
    general-authentication-service {
        traceoptions {
            file auth;
            flag all;
        }
    }
}
}
}
interfaces {
    ge-0/0/0 {
        unit 0 {
            proxy-arp;
            family inet6 {
                address 4ffe::1:1/48;
            }
        }
    }
    ge-0/0/1 {
        vlan-tagging;
        giggerther-options {
            no-auto-negotiation;
        }
        unit 10 {
            vlan-id 10;
            family inet {
                address 100.10.0.2/24;
            }
        }
    }
    ge-0/0/2 {
        unit 0 {
            demux-source inet;
            proxy-arp;
            family inet {

```

```

        unnumbered-address lo0.0 preferred-source-address 3.1.1.1;
    }
}
ge-0/0/3 {
    unit 0 {
        demux-source inet6;
        proxy-arp;
        family inet6 {
            unnumbered-address lo0.0 preferred-source-address 2001:db8:ffff:1::1;
        }
    }
}
lo0 {
    unit 0 {
        family inet {
            address 3.1.1.1/32;
        }
        family inet6 {
            address 2001:db8:ffff:1::1/128;
        }
    }
}
access {
    radius-server {
        100.10.0.1 {
            port 1812;
            secret "$9$xs5-dsgoGDjqgo"; ## SECRET-DATA
        }
    }
}
profile wash-test {
    accounting-order radius;
    authentication-order radius;
    radius {
        authentication-server 100.10.0.1;
        accounting-server 100.10.0.1;
    }
    accounting {
        order radius;
        accounting-stop-on-failure;
        accounting-stop-on-access-deny;
        update-interval 10;
        statistics time;
    }
}
address-assignment {
    pool v4ville {
        family inet {
            network 3.1.1.0/24;
            range testv4 {
                low 3.1.1.3;
                high 3.1.1.50;
            }
        }
    }
}

```

