

## Example: Configuring RADIUS-Based Subscriber Authentication and Accounting

The following example shows a sample RADIUS-based authentication and accounting configuration:

```
[edit access]
radius-server {
  192.168.1.250 {
    port 1812;
    accounting-port 1813;
    retry 3;
    secret &tIUeI*7688+;
    source-address 192.168.1.100;
    timeout 45;
  }
  192.168.1.251 {
    port 1812;
    accounting-port 1813;
    retry 3;
    secret $Dyu*UY(877-;
    source-address 192.168.1.100;
    timeout 30;
  }
  192.168.1.252 {
    port 1812;
    secret $Dyu*UY(877-;
  }
}
profile isp-bos-metro-fiber-basic {
  authentication {
    order radius none;
  }
  accounting {
    order radius;
    accounting-stop-on-access-deny;
    accounting-stop-on-failure;
    immediate-update;
    statistics time;
    update-interval 12;
  }
}
radius {
  authentication-server 192.168.1.251 192.168.1.252;
  accounting-server 192.168.1.250 192.168.1.251;
  options {
    accounting-session-id-format decimal;
    nas-identifier 56;
    override-nas-information;
  }
  attributes {
    ignore {
      framed-ip-netmask;
    }
    exclude {
      accounting-delay-time [ accounting-on | accounting-off ];
    }
  }
}
```

```

        accounting-session-id [ access-request | accounting-on | accounting-off
        | accounting-start accounting-stop ];
        dhcp-gi-address [ access-request | accounting-start | accounting-stop ];
        dhcp-mac-address [ access-request | accounting-start | accounting-stop ];
        nas-identifier [ access-request | accounting-start | accounting-stop ];
        nas-port [ access-request | accounting-start | accounting-stop ];
        nas-port-id [ access-request | accounting-start | accounting-stop ];
        nas-port-type [ access-request | accounting-start | accounting-stop ];
    }
}
}
}
[edit logical-systems isp-bos-metro-12 routing-instances isp-cmbrg-12-32]
interfaces {
    lo0 {
        unit 0 {
            family inet {
                address 192.168.1.100/24;
            }
        }
    }
    ge-0/0/0 {
        vlan-tagging;
        unit 0 {
            vlan-id 200;
            family inet {
                unnumbered-address lo0.0;
            }
        }
    }
}
}
}

```

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