

Option: Using Filter-Based Forwarding to Select Traffic to Be Secured

Instead of using a firewall filter, you can also forward traffic into an IPSec security association by using a filter-based forwarding instance. First, configure the filter-based forwarding instance. Then, configure a routing table group to advertise the routes from the filter-based forwarding instance. Next, create a firewall filter for the ES PIC and reference the filter-based forwarding instance. Lastly, apply the filter and IPSec security association to the ES PIC.

```
[edit]
routing-instances {
  forwarding {
    instance-type forwarding;
    routing-options {
      static {
        route 10.10.10.0/24 next-hop 192.168.0.5;
      }
    }
  }
}
routing-options {
  rib-groups {
    group-name {
      import-rib [ inet.0 forwarding.inet.0 ];
    }
  }
}
firewall {
  family inet {
    filter filter-name {
      term term-name {
        then routing-instance instance-name;
      }
    }
  }
}
[edit]
interfaces {
  es-0/0/0 {
    unit 0 {
      tunnel {
        source source-ip-address;
        destination destination-ip-address;
      }
      family inet {
        ipsec-sa sa-name;
        filter {
          input filter-name;
        }
        address ip-address;
      }
    }
  }
}
```

}

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