

Configuring a Consistent Management IP Address

On platforms with multiple Routing Engines, each Routing Engine is configured with a separate IP address for the management interface (**fxp0**). To access the master Routing Engine, you must know which Routing Engine is active and use the appropriate IP address.

Optionally, for consistent access to the master Routing Engine, you can configure an additional IP address and use this address for the management interface regardless of which Routing Engine is active. This additional IP address is active only on the management interface for the master Routing Engine. During switchover, the address moves to the new master Routing Engine.

On routers with dual Routing Engines, include the **master-only** statement at the **[edit groups]** hierarchy level.

In the following example, IP address **10.17.40.131** is configured for both Routing Engines and includes a **master-only** statement. With this configuration, the **10.17.40.131** address is active only on the master Routing Engine. The address remains consistent regardless of which Routing Engine is active. IP address **10.17.40.132** is assigned to **fxp0** on **re0**, and address **10.17.40.133** is assigned to **fxp0** on **re1**.

```
[edit groups re0 interfaces fxp0]
unit 0 {
  family inet {
    address 10.17.40.131/25 {
      master-only;
    }
    address 10.17.40.132/25;
  }
}
[edit groups re1 interfaces fxp0]
unit 0 {
  family inet {
    address 10.17.40.131/25 {
      master-only;
    }
    address 10.17.40.133/25;
  }
}
```

This feature is available on all platforms that include dual Routing Engines. On the TX Matrix platform, this feature is applicable to the switch-card chassis (SCC) only.

