

Add the Management Console to the Network

To add the management console to the network:

1. Specify the router hostname.



NOTE: The hostname specified in the router configuration is not used by the DNS server to resolve to the correct IP address. This hostname is used to display the name of the Routing Engine in the CLI. For example, this hostname appears on the command line prompt when the user is logged in to the CLI:

```
user-name@host-name>
```

```
[edit]
root# set system host-name host-name
```

2. Configure the IP address of the DNS server.

```
[edit]
root# set system name-server address
```

3. Configure the router domain name.

```
[edit]
root# set system domain-name domain-name
```

4. Configure the IP address and prefix length for the router Ethernet interface.

- For all routers *except* the TX Matrix Plus router and T1600 routers in a routing matrix:

```
[edit]
root@# set interfaces fxp0 unit 0 family inet address address/prefix-length
```

- For TX Matrix Plus and T1600 routers in a routing matrix only:

```
[edit]
root@# set interfaces em0 unit 0 family inet address address/prefix-length
```

To use `em0` as an out-of-band management Ethernet interface, you must configure its logical port, `em0.0`, with a valid IP address.

- For a T1600 standalone router (not connected to a TX Matrix Plus router and not in a routing matrix):

```
[edit]
root@# set interfaces fxp0 unit 0 family inet address address/prefix-length
```

5. Configure the IP address of a backup router. The backup router is used while the local router is booting and if the routing process fails to start. Once the routing process starts, the backup router address is removed from the local routing and

forwarding tables. For more information on the backup router, see the *JUNOS System Basics Configuration Guide*.

```
[edit]
root# set system backup-router address
```

6. (Optional) Configure the static routes to remote subnets with access to the management port. Access to the management port is limited to the local subnet. To access the management port from a remote subnet, you need to add a static route to that subnet within the routing table. For more information on static routes, see the *JUNOS System Basics Configuration Guide*.

```
[edit]
root# set routing-options static route remote-subnet next-hop destination-IP
retain no-readvertise
```

7. Configure telnet service at the [edit system services] hierarchy level.

```
[edit]
root# set system services telnet
```

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