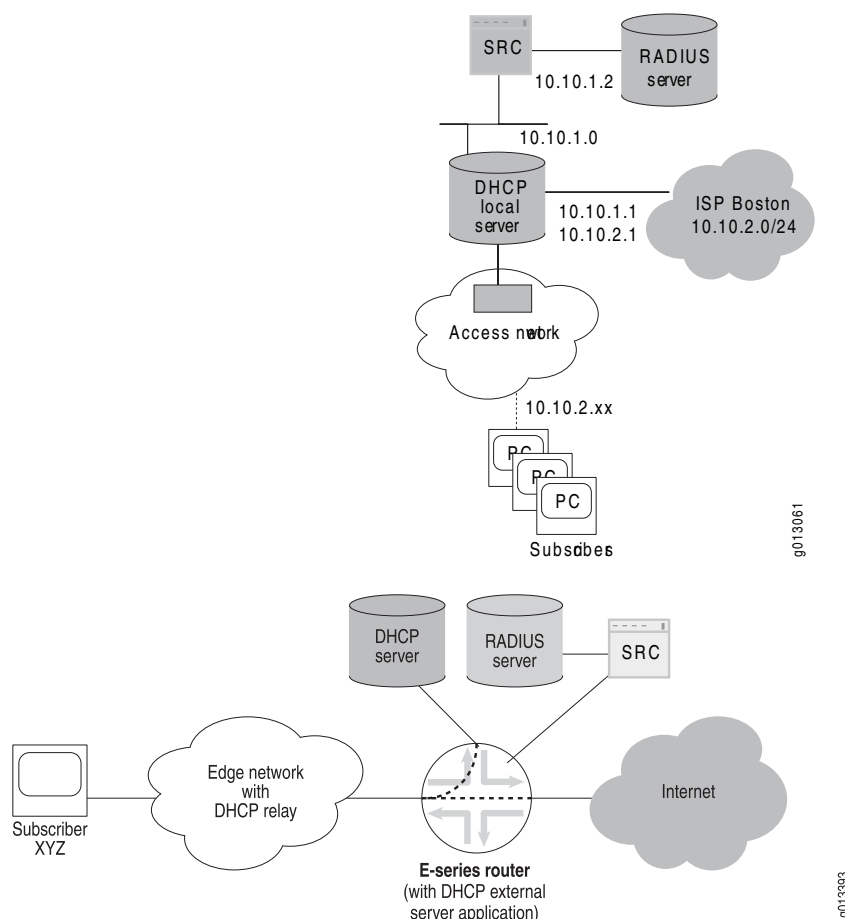


Configuring the Router to Work with the SRC Software

E-series routers have an embedded SRC client that interacts with the SRC software. For information about configuring the SRC client, see [\[Unresolved xref\]](#).

Configuration Example Figure 1 on page 1 shows the scenario for this example. Subscribers obtain access to ISP Boston via a router. Subscribers log in through the SRC software, and a RADIUS server provides authentication.

Figure 1: Non-PPP Equal-Access Configuration Example



The following steps describe how to configure this scenario.

1. Configure interfaces on the router.

```
host1(config)#interface loopback 0
host1(config-if)#ip address 10.10.1.1 255.255.255.0
host1(config-if)#ip address 10.10.2.1 255.255.255.0 secondary
host1(config-if)#exit
host1(config)#interface fastEthernet 2/0
host1(config-if)#ip unnumbered loopback 0
```

2. Configure the parameters to enable the router to forward authentication requests to the RADIUS server.

```
host1(config)#radius authentication server 10.10.1.2
host1(config)#udp-port 1645
host1(config)#key radius
```

3. Specify the authentication method.

```
host1(config)#aaa authentication ppp default radius
```

Or

```
host1(config)#aaa authentication ppp default none
```

4. Enable the DHCP local server.

```
host1(config)#service dhcp-local
```

5. Specify the IP addresses that are in use, so that the DHCP local server cannot assign these addresses.

```
host1(config)#ip dhcp-local excluded-address 10.10.1.1
host1(config)#ip dhcp-local excluded-address 10.10.1.2
```

6. Configure the DHCP local server to provide IP addresses to subscribers of ISP Boston.

```
host1(config)#ip dhcp-local pool ispBoston
host1(config-dhcp-local)#network 10.10.2.0 255.255.255.0
host1(config-dhcp-local)#domain-name ispBoston
host1(config-dhcp-local)#default-router 10.10.2.1
host1(config-dhcp-local)#lease 0 0 10
host1(config-dhcp-local)#ip dhcp-local limit atm 5
```

7. Configure the SRC client.

```
host1(config)#sscc primary address 10.10.1.2 port 3310
host1(config)#sscc enable
host1(config)#sscc retryTimer 200
```