

Example: Configuring an Address-Assignment Pool

This section shows an example address-assignment pool configuration. The configuration includes the `dhcp-attributes` statement, indicating that the pool is used for DHCP clients.

```
[edit access]
address-assignment {
  pool isp_1 family inet {
    network 192.168.0.0/16;
    range southeast {
      low 192.168.102.2 high 192.168.102.254;
    }
    range northeast {
      low 192.168.119.2 high 192.168.119.250;
    }
    host sval6.boston.net {
      hardware-address 90:00:00:01:00:01;
      ip-address 192.168.44.12;
    }
  }
  dhcp-attributes {
    option-match {
      option-82 {
        circuit-id fiber range northeast;
      }
      option-82 {
        circuit-id cable_net range southeast;
      }
    }
    boot-file boot.client;
    boot-server 192.168.200.100;
    grace-period 3600;
    maximum-lease-time 18000;
    netbios-node-type p-node;
  }
  router 192.168.44.44 192.168.44.45;
}
```

This example creates address-assignment pool **isp-1**, which contains two named address ranges, **southeast** and **northeast**. The address-assignment pool also contains a static binding for client **host sval6.boston.net**. If the option 82 circuit-id entry matches the string **fiber**, then DHCP assigns the client an address from the **northeast** range. If the option 82 circuit-id matches the string **cable_net**, DHCP assigns an address from the **southeast** range.

