

## Configuring a Dynamic Profile for Various Levels of Services

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This topic discusses how to create dynamic profiles to define various levels of service for DHCP clients.

Before you configure dynamic profiles for client services:

1. Create a basic dynamic profile.

See [Configuring a Basic Dynamic Profile](#).

2. Configure a dynamic profile that enables DHCP clients access to the network.

See [Configuring a Dynamic Profile for Client Access](#)



**NOTE:** You can create a basic dynamic profile that contains both access configuration and some level of basic service.

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3. Ensure that the router is configured to enable communication between the client and the RADIUS server.

See [Specifying the Authentication and Accounting Methods for Subscriber Access](#).

4. Configure all RADIUS values that you want the profiles to use when validating DHCP clients.

See [Configuring RADIUS Server Parameters for Subscriber Access](#)

To configure an initial client access dynamic profile:

1. Access the desired service profile.

```
user@host# set dynamic-profiles basic-service-profile
```

2. (Optional) Define any IGMP protocols values as described for creating a basic access profile to combine a basic service with access in a profile.

See [Configuring a Dynamic Profile for Client Access](#).

3. (Optional) Specify any filters for the interface.

See [Dynamically Attaching Statically Created Filters or Dynamically Attaching Filters Using RADIUS Variables](#).

4. Define any CoS values for the service level you want this profile to configure on the interface.

- Related Topics**
- [Configuring a Basic Dynamic Profile](#)
  - [Dynamic Profiles Overview](#)