

## Configuring RADIUS Authentication (SRC CLI)

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Use the following configuration statements to configure information about one or more RADIUS servers on the network at the [edit] hierarchy level:

```
system radius-server address {  
  port port ;  
  secret secret ;  
  timeout timeout;  
  retry retry ;  
}
```

To configure information about RADIUS servers for authentication:

1. From configuration mode, access the configuration statement that adds a RADIUS server.

```
[edit]  
user@host# edit system radius-server address
```

2. Specify a port number on which to contact the RADIUS server.

```
[edit system radius-server address ]  
user@host# set port port
```

By default, port number 1812 is used.

3. Specify a password. Passwords can contain spaces. The secret used by the C-series Controller must match that used by the server.

```
[edit system radius-server address ]  
user@host# set secret secret
```

4. (Optional) Specify the amount of time that the C-series Controller waits to receive a response from a RADIUS server.

```
[edit system radius-server address ]  
user@host# set timeout timeout
```

By default, the C-series Controller waits 3 seconds. You can change the timeout to a value from 1 through 90 seconds.

5. Specify the number of times that the C-series Controller attempts to contact a RADIUS authentication server.

```
[edit system radius-server address ]  
user@host# set retry retry
```

By default, the C-series Controller retry property is set to 3 times. You can change the retry value to a number from 1 through 10 times.

To configure a set of users that share a single account for authorization purposes, you create a template user.

- Related Topics**
- Configuring RADIUS Authentication (C-Web Interface)
  - Configuring RADIUS and TACACS+ Authentication on a C-series Controller
  - Removing an SRC Authentication Method from the Authentication Order
  - Example: Configuring SRC Authentication
  - A C-series Controller as a RADIUS Client and TACACS+ Client