

## Configuring More Than One Authentication Method (SRC CLI)

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Tasks to configure more than one authentication method at the SRC CLI are:

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### Configuring Authentication Order

To configure the order in which to use authentication servers:

1. From configuration mode, access the [system] hierarchy level.
2. Specify the authentication order.

```
[edit system]
user@host# set authentication-order [(radius | tacplus | password)]
```

Specify one or more of the following in the preferred order, from first authentication method tried to last tried:

- **radius**—Verify the user using RADIUS authentication services.
- **tacplus**—Verify the user using TACACS+ authentication services.
- **password**—Verify the user using the password configured for the user with the authentication statement at the [edit system login user] hierarchy level.

If you do not include the **authentication-order** statement, users are verified based on their configured passwords.

### Configuring TACACS+ or RADIUS Authentication

To configure the SRC software to try to authenticate users through TACACS+ and, if the TACACS+ server is unavailable, to use password authentication:

- Specify the following authentication order:

```
[edit]
user@host# set system authentication-order [tacplus password]
```

or

```
[edit]
user@host# set system authentication-order tacplus
```

To configure the SRC software to try to authenticate users through RADIUS and, if the RADIUS server is unavailable, to use password authentication:

- Specify the following authentication order:

```
[edit]
```

```
user@host# set system authentication-order [radius password]
```

or

```
[edit]  
user@host# set system authentication-order radius
```

## ***Configuring TACACS+ and RADIUS Authentication***

To configure the SRC software to try to authenticate users through TACACS+ and, if the TACACS+ server is unavailable, to use RADIUS authentication; and then, if the RADIUS server is unavailable, to use password authentication:

- Specify the following authentication order:

```
[edit]  
user@host# set system authentication-order [tacplus radius password]
```

or

```
[edit]  
user@host# set system authentication-order [tacplus radius]
```

To configure the SRC software to try to authenticate users through RADIUS and, if the RADIUS server is unavailable, to use TACACS+ authentication; and then, if the TACACS+ server is unavailable, to use password authentication:

- Specify the following authentication order:

```
[edit]  
user@host# set system authentication-order [radius tacplus password]
```

or

```
[edit]  
user@host# set system authentication-order [radius tacplus]
```