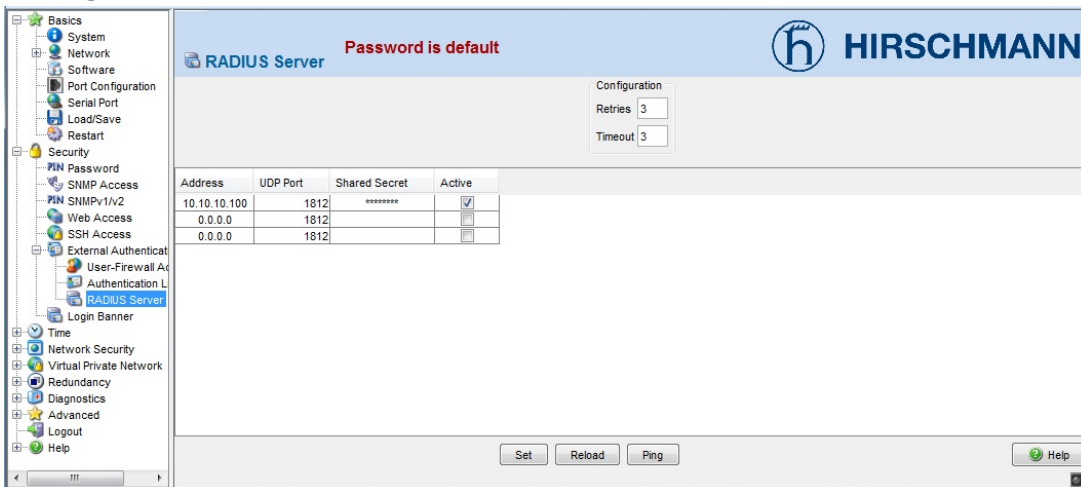


Radius-Authentifizierung für den Management-Zugriff

- 2021-06-10 - Classic Firewalls

This lesson describes how to configure radius authentication for management access on EAGLE20/One

Configure Radius Server



The screenshot shows the Hirschmann web interface for configuring a RADIUS Server. The left sidebar contains a navigation tree with categories like Basics, Network, Security, and Time. The main content area is titled 'RADIUS Server' and includes a 'Password is default' warning. A 'Configuration' section has input fields for 'Retries' (set to 3) and 'Timeout' (set to 3). Below this is a table with columns for 'Address', 'UDP Port', 'Shared Secret', and 'Active'. The table contains three rows: the first row has '10.10.10.100' and is checked as active; the second and third rows have '0.0.0.0' and are unchecked. At the bottom of the interface are buttons for 'Set', 'Reload', 'Ping', and 'Help'.

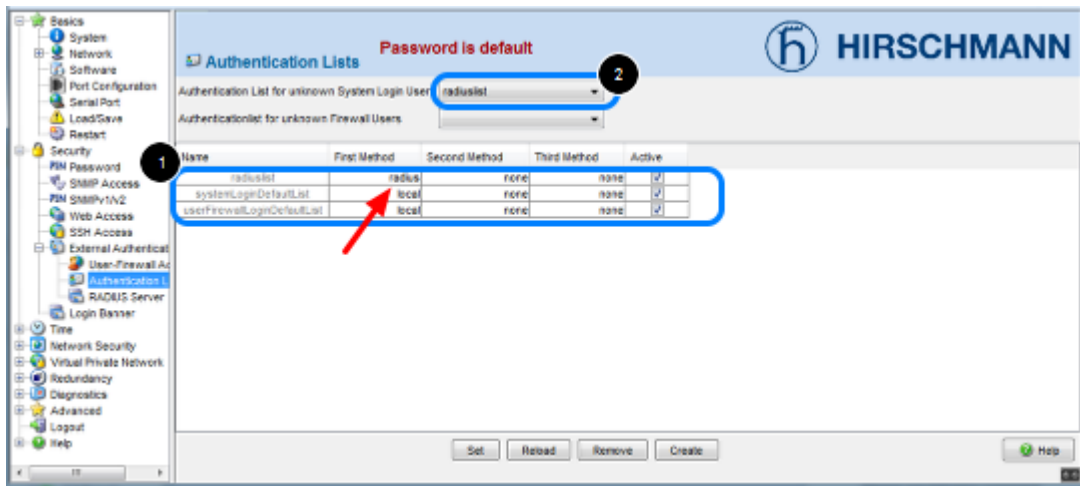
In the webinterface navigate to **Security -- External Authentication -- RADIUS Server** and specify the IP address, port and secret of the radius server

CLI command:

```
!(Hirschmann Eagle) (config)#radius server 1 modify ip-address <ip address> port 1812  
secret <shared secret>
```

```
!(Hirschmann Eagle) (config)#radius server 1 status enable
```

Configure Authentication list



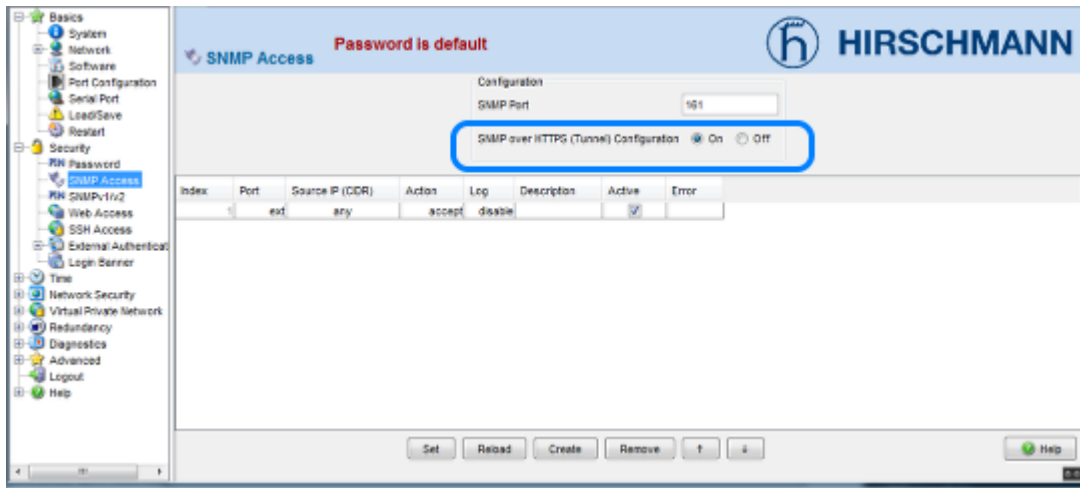
Navigate to **Security -- External Authentication -- Authentication List**

1. Create a new entry 'radiuslist' with first method 'radius'
2. Specify 'radiuslist' as authentication list for unknown system login users

CLI commands:

```
!*(Hirschmann Eagle) (config)#authentication login radiuslist add
!*(Hirschmann Eagle) (config)#authentication login radiuslist set radius
!*(Hirschmann Eagle) (config)#authentication login radiuslist enable
!*(Hirschmann Eagle) (config)#authentication login radiuslist default
```

SNMP over HTTPS



Enable SNMP over HTTPS otherwise radius authentication does not work for webinterface login.

Radius Server Configuration

Service-Types

e.g. freeradius server:

Service-Type = NAS-Prompt-User - Management Read-Only User

Service-Type = Administrative-User - Management Read-Write User

There is no access without valid service-type