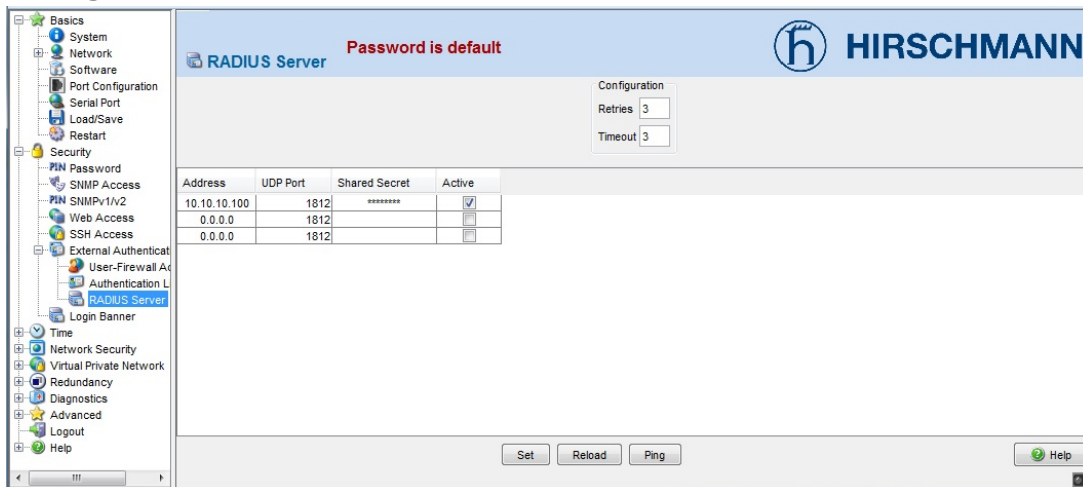


## Radius-Authentifizierung für den Management-Zugriff

- 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 tree view with categories like Basics, Network, Security, and Time. The main content area is titled 'RADIUS Server' and includes a 'Configuration' section with 'Retries' and 'Timeout' both set to 3. Below this is a table with columns for Address, UDP Port, Shared Secret, and Active. The table contains three rows: 10.10.10.100 (Active), 0.0.0.0, and 0.0.0.0. At the bottom, there are buttons for 'Set', 'Reload', 'Ping', and 'Help'.

Address	UDP Port	Shared Secret	Active
10.10.10.100	1812	*****	<input checked="" type="checkbox"/>
0.0.0.0	1812		<input type="checkbox"/>
0.0.0.0	1812		<input type="checkbox"/>

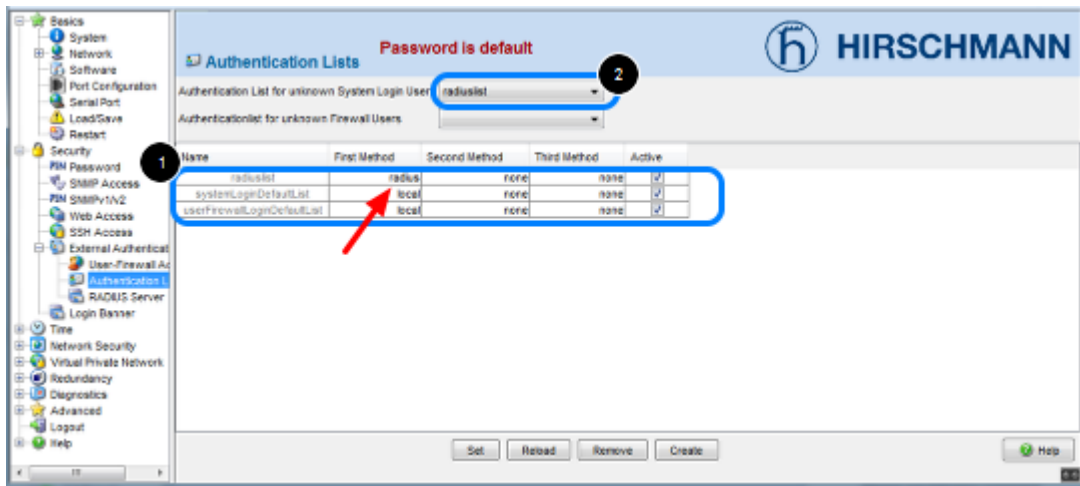
In the webinterface navigate to **Security -- External Authentication -- RADIUS Server** and specify the IP address, port and secret of the radius server

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**

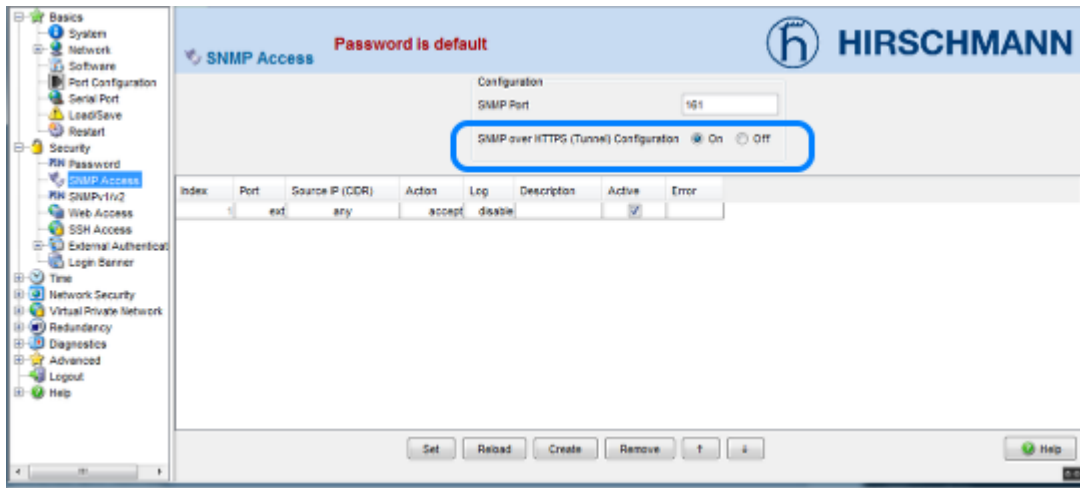
1. Create a new entry 'radiuslist' with first method 'radius'
2. Specify 'radiuslist' as authentication list for unknown system login users

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