

ENABLING TWO FACTOR AUTHENTICATION FOR WEBMIN LOGIN IN GREENRADIUS

For security, consistency and avoiding the need to remember additional login credentials for GreenRADIUS administrators, it is recommended that they use the same two-factor authentication offered by GreenRADIUS to login to GreenRADIUS administration console.

This document describes the steps to enable two factor authentication for GreenRADIUS administration console (Webmin) login.

ADD A NEW USER TO GREENRADIUS ADMIN CONSOLE

1. Login to GreenRADIUS admin console using root/gradmin user as shown below (the default password for both users is GreenRocket!23):

| You must enter a | username and password to login to the Webmin server on | |
|------------------|--|--|
| 10.51.0.209. | | |
| Username | root | |
| Password | | |
| | Remember login permanently? | |

On left side panel, navigate to 'Webmin=> Webmin Users' as shown in the image below:

| Webmin Actions Log | Module Config | GreenRADIUS - Virtual Appliance | A GreenRocket |
|---|--|---|---------------|
| Wateren Carfigurater Wateren Usart Beysten Serves Aparter Weltserver GeoerRADIUS Virtual Appliance FortgroGL Dotates Server SBR Soniel Cithes Networking Hardware Sert Sert | Bermain Classic Configuration Trouble-shoot Select al Thors selection Bonnain Kame Greenachaschen Salect al Thoriet selection Emute Scienced (Omable Science) Add Donnam | Reports Lipolates (incretes (incret | |

3. Click on "Create a new Webmin user" link as shown in the image below:

| Logic: root | Module Config | Webmin | Users | |
|---|---|------------------------------------|---------------------|------------------------|
| Webmin Actions Log | Webmin Users | | | |
| Webmin Configuration Webmin Servers Indea | Select al. Invert selection Chatle a new Web Webmin Users | min user. | | |
| Wetmin Lisers | E mot | gradmin | | |
| Servers Apache Wabserver GroenRADIUS Mittud Appliance ProtocoSOL Datatose Berner | Select all. Invert selection Create a new Web Deltin Selection | minuter | | |
| SSH Saver | Webmin Groups | | | |
| Others Networking Hardware Search | No Webmin groups defined. Create a new Webmin group. | | | |
| A View Module's Logs System Information | Configure Line User Synchronization | Configure Unix User Authentication | View Loger Sessions | Two-Factor Authenticat |

4. Enter username in 'Username' field and select 'Unix authentication' for Password option as shown in the image below:

| Isemanie | (devtest) | |
|----------------------------------|-----------------------------|--|
| assword | Unix authentication | |
| | Force change at next login. | |
| eal name | | |
| THE R. LEWIS CO., LANSING, MICH. | | |
| | | |
| مترو محقله بالمحقة | | |

NOTES:

- a. The 'Username' should be identical to the 'Login Name' that is used to authenticate the user with Active Directory/OpenLDAP configured for standard username-password authentication in GreenRADIUS.
- b. For authentication to work, the new 'Username' must already be imported into GreenRADIUS from the configured Active Directory/OpenLDAP.
- c. If your GreenRADIUS has more than one Domain configured, please enter username in 'username@domainname' format. Provide 'domainname' of domain created under GreenRADIUS Virtual Appliance.
- 5. Click to expand the 'Available Webmin modules' section as shown in the image below. In the 'Available Webmin modules' section, select the desired webmin modules that should be available for the new user. We recommend to select at least 'GreenRADIUS Virtual Appliance' for new GreenRADIUS administrator. Click on "Create" to save the new user.



Create Webmin User

| All the second | All the second sec | |
|--|--|-------------------------------|
| Username | devtest1 | |
| Password | Unix authentication • | |
| | Force thange at next login | |
| Real name | | |
| Financial American | | |
| Normal States and the second second | | |
| | | |
| Select all Invert selection | | |
| Webmin | | |
| C Scheduled Webmin Functions | | C Webmin Actions Log |
| Webmin Configuration | | 💷 Webnin Servers Index |
| E Webmin Users | | |
| System | | |
| Bootup and Shutdown | | Log File Rotation |
| Running Processes | | Scheduled Con Jobs |
| System Documentation | | C System Loos |
| D System Status | | |
| ienvers | | |
| Apache Webserver | T | CoserPADDIS Virtual Appliance |
| Protocilla Database Server | | C SOL Grow |
| vetworking | | |
| D Network Configuration | | |
| Bandware | | |
| C System Time | | |
| Others | | |
| Upload and Download | | |
| Select al Invert selection | | |
| and the second sec | | |

6. Logout from GreenRADIUS admin console and login as new user created in the previous steps as shown in the image below:

| You must enter a u | sername and password to log | in to the Webmin server on 10.51.0.108 |
|--------------------|-----------------------------|--|
| Username | devtest1 | |
| Password | | |
| | Remember login permanently? | |

7. In the 'Password' field, first type the Active Directory/OpenLDAP password for the user and append a valid OTP from one of the security tokens assigned to the user.

NOTES:

- For the new user, two-factor authentication will be performed using GreenRADIUS. The username and password are authenticated against the Active Directory/OpenLDAP server configured in GreenRADIUS and a valid OTP assigned from one the security tokens assigned to the user.
- The default users 'root' and 'gradmin' are configured to authenticate using Webmin's own user store. In order to avoid lockout of all GreenRADIUS admin users in case of failure to authenticate users using GreenRADIUS, it is strongly recommended not to change the 'Password' setting for 'root' and 'gradmin'



users to 'Unix authentication' or 'No password accepted'. This is because in case of trouble authenticating users using GreenRADIUS, the users 'root' and 'gramin' will still be able to login using local credentials.