RELEASE NOTES

GreenRADIUS UPDATE v5.2.5.5

RELEASE DATE
MARCH 30, 2024

GreenRocket Security

NOTES

a. This GreenRADIUS update can only be applied to v5.1.1.1 or later.
b. A minimum of 4GB RAM is recommended for this update to be applied successfully.
c. Before applying updates, we recommend creating a snapshot of the GreenRADIUS VM in your virtualization server environment that can act as a backup.
d. The update process may take about 10 to 15 minutes, and processing of authentication requests may be affected for some time during this process.

STEPS TO APPLY THE UPDATE

1. Download the GreenRADIUS update v5.2.5.5 zip file
   (md5 = 9cb1ac44c7e4ff61c735a5221cd137f8, sha256 = c2fa812d656d3b915b727cb260a6225a1c438f7db4f143f9bab54a6f955ed29a)
   Extract it, and it will result in a folder "GreenRADIUS_5255_Update"
2. Copy this folder onto the GreenRADIUS host in /home/gradmin using a client like scp or WinSCP
3. Log in to GreenRADIUS over ssh
4. Run the following commands:
   a) $ cd /home/gradmin/GreenRADIUS_5255_Update
   b) $ sudo chmod +x install_update.sh
   c) $ sudo sh install_update.sh
5. The system and application components will be updated. After a successful update, a prompt will be shown to reboot the system. Type "y" to reboot the system to complete the process.
6. After a successful update, it is recommended to clean up the new directory created for this update process.
   a) $ sudo rm -rf /home/gradmin/GreenRADIUS_5255_Update

VULNERABILITIES PATCHED

1. USN-6655-1 - GNU binutils vulnerabilities
2. USN-6658-1 - libxml2 vulnerability
3. USN-6663-1 - OpenSSL update
4. USN-6664-1 - less vulnerability
5. USN-6666-1 - libuv vulnerability (AWS)
6. USN-6673-1 - python-cryptography vulnerabilities
7. USN-6694-1 - Expat vulnerabilities
8. USN-6697-1 - Bash vulnerability
9. USN-6698-1 - Vim vulnerability

ENHANCEMENTS, NEW FEATURES, AND BUG FIXES OVER GreenRADIUS v5.2.4.4

1. Added a capability in the lockout mechanism to define a time window for consecutive failed logins to lock user accounts
2. Added a Management API to delete OATH tokens
3. Added support for force synchronization of FIDO2 tokens
4. Added optimizations to the LDAP Authenticator Module

Questions? Contact us

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