RELEASE NOTES
GreenRADIUS UPDATE v4.2.1.1

RELEASE DATE
OCTOBER 23, 2020

GreenRocket Security

NOTES

a. This GreenRADIUS update can only be applied to v4.1.3.4 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 update v4.2.1.1 zip file (md5 = 3aa0b4e38290c27890e8543c3cb20775). Extract it, and it will result in a folder "GreenRADIUS_4211_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_4211_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_4211_Update

VULNERABILITIES PATCHED

1. USN-4570-1 - urllib3 vulnerability
2. USN-4525-1 - Linux kernel vulnerabilities
3. USN-4531-1 - BusyBox vulnerability
4. USN-4516-1 - GnuPG vulnerability
5. USN-4512-1 - util-linux vulnerability
6. USN-4504-1 - OpenSSL vulnerabilities
7. USN-4489-1 - Linux kernel vulnerability
8. USN-4487-1 - libx11 vulnerabilities
9. USN-4483-1 - Linux kernel vulnerabilities
10. USN-4471-2 - Net-SNMP regression

ENHANCEMENTS, NEW FEATURES, AND BUG FIXES OVER GreenRADIUS v4.1.11.11

1. Improved SSH security by disabling weak ciphers. As a result, the latest versions of SSH clients (Putty, WinSCP, etc.) are now required to connect to GreenRADIUS
2. Improved validation of root and intermediate CA certificate chain when installing certificates in GreenRADIUS
3. Added NTP client package to GreenRADIUS virtual appliance to support advanced time synchronization requirements

Questions? Contact us

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