

Advanced Authentication for Federal Customers

Coupled together, GreenRADIUS and YubiKeys allow customers to meet federal compliance with FIPS 140-2 and NIST SP 800-63-3

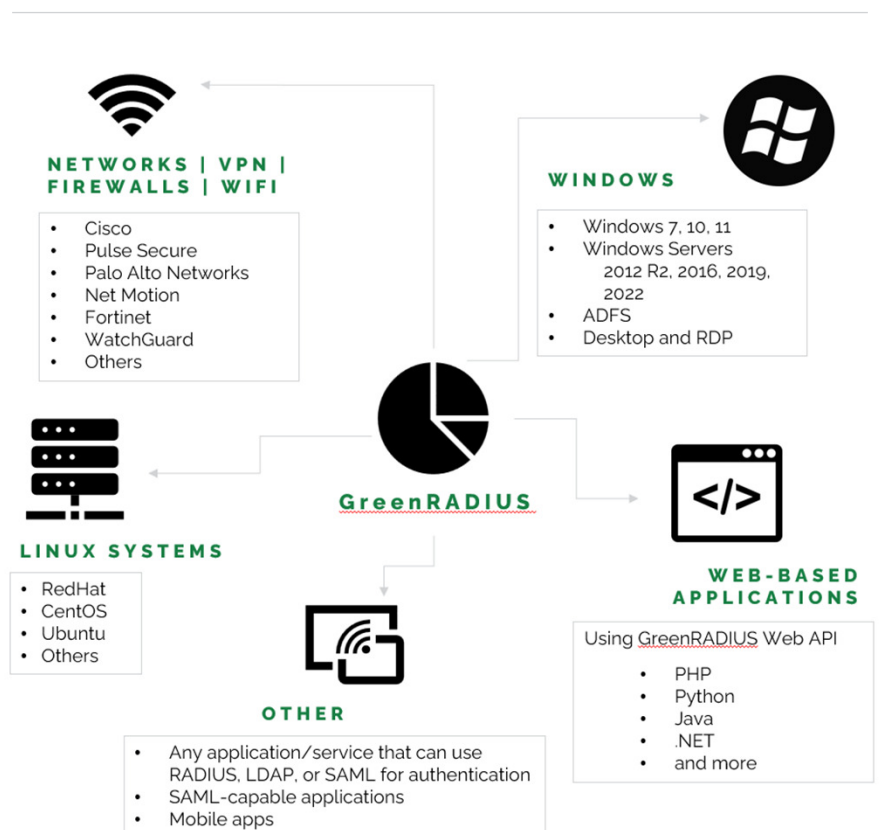


Federal guidelines outlined in NIST's Special Publication 800-63 Revision 3 aim to mitigate risks of unauthorized access to digital services.

"There are multiple opportunities for impersonation and other attacks that fraudulently claim another subject's digital identity." (NIST SP 800-63-3)

The guidelines state that a successful authentication requires multi-factor authentication, a system that requires more than one distinct authentication factor. Deploying GreenRADIUS with YubiKeys not only allows organizations to comply with these guidelines, but also gives organizations an easy-to-deploy and easy-to-use solution.

GreenRADIUS is a FIPS 140-2 compliant authentication back-end that can be deployed as either a virtual machine or a containerized solution. GreenRADIUS supports a variety of applications and services, such as VPN, Windows logon, Linux servers, websites, cloud applications, network equipment, and more.





YubiKey FIPS are FIPS 140-2 validated (Overall Level 2, Physical Security Level 3) and meet guidelines outlined in NIST SP 800-63-3 Authenticator Assurance Level 3, the highest of all AAL levels.

When coupled together, GreenRADIUS and YubiKey FIPS offer an end-to-end FIPS 140-2 compliant solution that does not require internet access. In fact, GreenRADIUS can be deployed in a disconnected/airgapped network and validate authentications with YubiKeys successfully.

Users can continue to be managed in an organization's existing LDAP as GreenRADIUS integrates seamlessly with Active Directory, OpenLDAP, or 389 DS. There is also an onboard OpenLDAP for organizations wishing to manage users within GreenRADIUS.

Benefits of a GreenRADIUS-YubiKey deployment

- End-to-end FIPS 140-2 compliant
- YubiKey FIPS = NIST SP 800-63-3 AAL3 (the highest of all AAL levels)
- On-premise deployment (no need for internet access)
- High availability
- Versatile solution
 - A single YubiKey assigned to a user can be used for a variety of applications/services
 - Different LDAPs are supported

Leverage the strong partnership Green Rocket Security and Yubico have by deploying a robust multi-factor authentication solution. Easy to use for both admins and users, GreenRADIUS and YubiKeys help to protect your organization's sensitive data and networks while meeting federal requirements.



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