



Red Hat FreeIPA Plug-in for the Central Policy Manager

The CyberArk Password Vault
Version 11.x

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Changing Passwords on Red Hat FreeIPA

The Central Password Manager enables organizations to change passwords automatically on remote machines and store the new passwords in the Enterprise Password Vault, with no human intervention, according to the organizational policy. This plug-in supports the changing of passwords for users on the Red Hat FreeIPA using the LDAP protocol.

Prerequisite

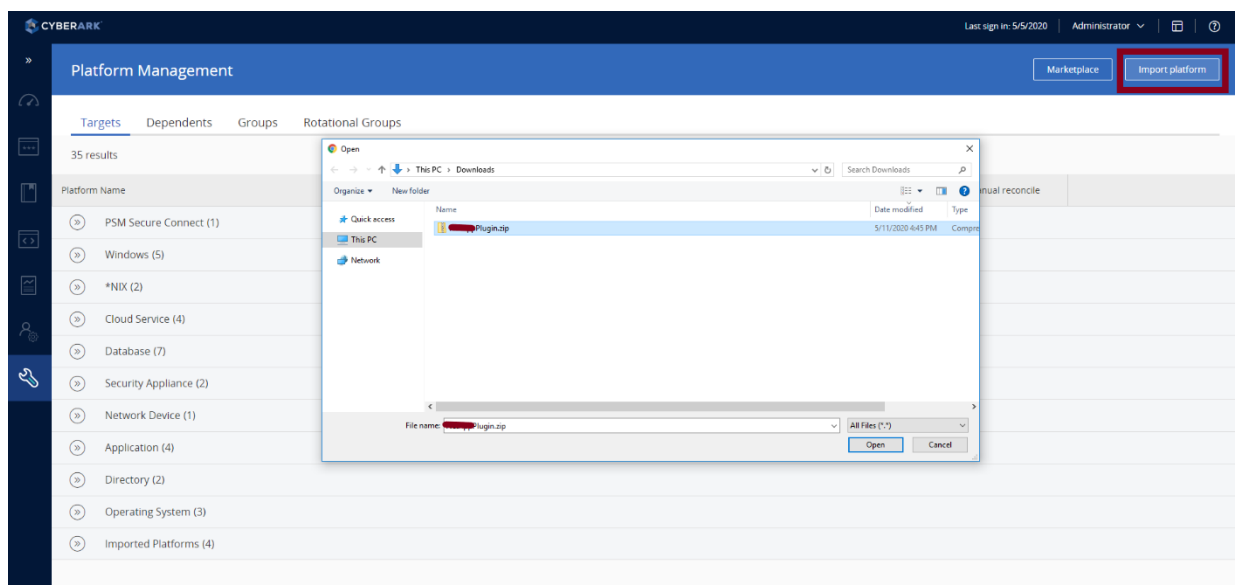
This plugin runs on the CANetPluginInvoker engine. It can be found on the Marketplace [here](#).

Installation

You will receive the RedHatFreeIPA plug-in zip archive from your CyberArk representative. The following instructions show you how to install it.

Installing the Red Hat FreeIPA Plug-in

1. Log into the PVWA with an administrative account.
2. Go to Administration > Platform Management.
3. Click Import Platform. Upload the RedHatFreeIPAPugin.zip file.



Platform Configuration

- Please check that the following default platform settings match your environment.
- They can be modified by navigating to Administration → Platform Management → RedHatFreeIPA → Edit → Automatic Password Management → Additional Policy Settings

Parameter Name	Description	Default Value	Valid Values
UseSSL	SSL flag for determining use of Secure Socket Layer on LDAP (turning it into LDAPS) connection. Set this parameter to IgnoreUntrustedCertificate value to ignore validation for self-signed or invalid certificates.	Yes	Yes, No, IgnoreUntrusted Certificate

- Please check that the following additional platform settings match your environment.
- They can be modified by navigating to Administration → Platform Management → RedHatFreeIPA → Edit → Automatic Password Management → Additional Policy Settings → Parameters

Parameter Name	Description	Default Value	Valid Values
LDAPPort	Port used to connect to LDAP server.	636	Numeric value in 0-65535 range
LDAPTimeout	Time (in seconds) for establishing connection to LDAP server before timing out.	30	Numeric value in 1-60 range
UseLDAPReplaceInChange	A flag determining whether to use LDAP Replace operation during password change. By default, LDAP Add/Delete operations are used.	Yes	Yes, No



Adding RedHatFreeIPA Accounts

Adding Accounts through the Password Vault Web Access

- Create a new RedHatFreeIPA account or use an existing one.
- Specify the required account properties.
- If required, associate a reconcile account for the new password object

For more information about adding password objects in the Password Vault Web Access, refer to the online documentation [here](#).

General Notes

RedHatFreeIPA plug-in supports the following:

- Password verification (for system accounts)
- Password change (for system accounts)
- Password reconciliation (for regular accounts, using system account as reconcile account).

