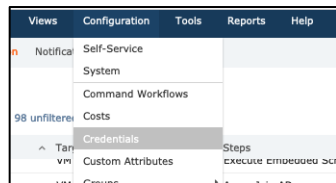


Add Provisioned instance to CyberArk

High Level Scope: After provisioning an instance this module will Create an entry in add the image Password for consumers to CyberArk to be rotated based on the Safes policy. This is a module that can be used in any order in a completion workflow.

Credential Creation

1. In the Commander admin portal, we need to create an account for running API calls into to CyberArk. Navigate to “Configuration> Credentials”



2. Select “Add” in the lower left of the Credentials pane.
3. In the Add Credentials window add the credential that will be used by Commander to communicate with CyberArk. We recommended you add a short description which will be hover text when selecting the credential should you have similar Credential names in the future.

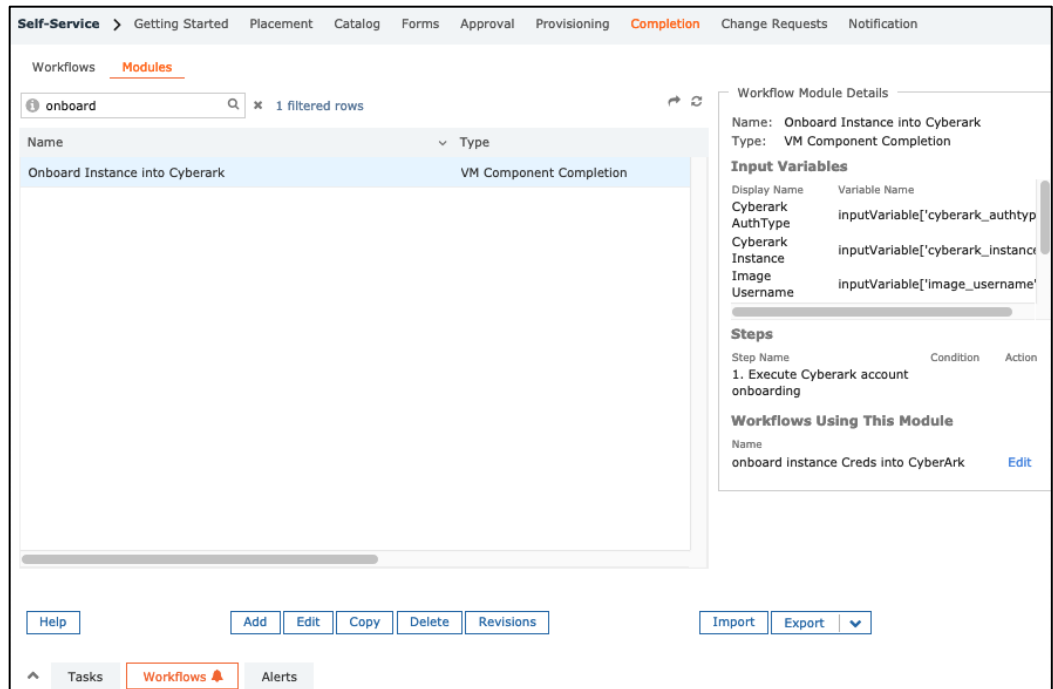
A screenshot of the 'Edit Credentials' window in the Commander admin portal. The window has a dark blue header with the title 'Edit Credentials' and a close button. The form contains the following fields: 'Credentials Type' (a dropdown menu set to 'Username/Password'), 'Name' (a text box containing 'CyberArk_API'), 'Username' (a text box containing 'Mike'), 'Password' (a text box with masked characters), 'Description' (a text box containing 'CyberArk Api credential'), and 'Category' (a dropdown menu set to 'Guest OS Credentials'). At the bottom of the window, there are three buttons: 'Help', 'OK', and 'Cancel'.

4. Now we need to create a credential for the image, this will be used to inject the image credentials into CyberArk to be rotated based on your safes policy.

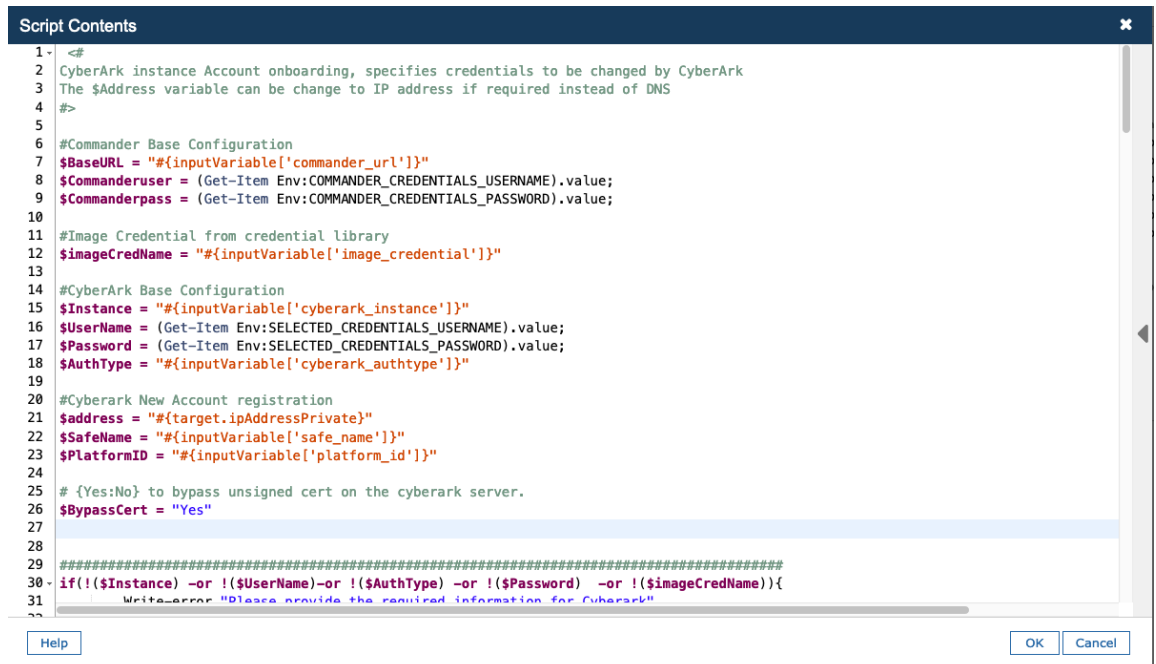
The screenshot shows the 'Edit Credentials' dialog box. The 'Name' field is highlighted with a blue border and contains the text 'Image Credential'. The 'Credentials Type' dropdown is set to 'Username/Password'. The 'Username' field contains 'admin' and the 'Password' field contains masked characters. The 'Description' field is empty. The 'Category' dropdown is set to 'Guest OS Credentials'. At the bottom are 'Help', 'OK', and 'Cancel' buttons.

Completion Workflow Module

1. In this step we will import the completion workflow module. In the Commander Admin Portal navigate to Configuration> Self Service> Completion.
2. Select the Modules tab.
3. Select Import, then in the Import Workflow dialog, choose "Onboard_Instance_Cyberark.json" add a description and click "Import". Once complete you'll see the module imported.



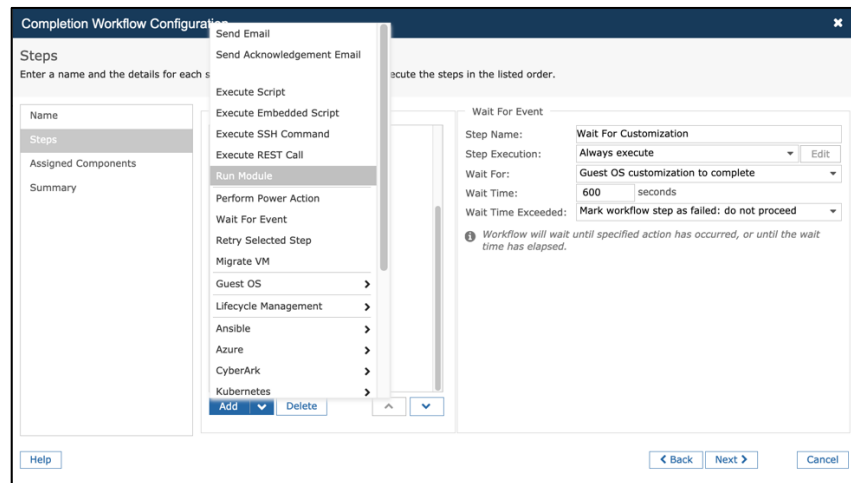
- Now we need to edit a couple items in the module itself. Edit the module and select next to display the Steps. Click on the script contents window to expand it. The only item that needs to be edited is the `$BypassCert` variable. This variable defines if the script ignores an unsigned API endpoint on the CyberArk Server. If your Server has a valid Certificate, then set this value to "no"



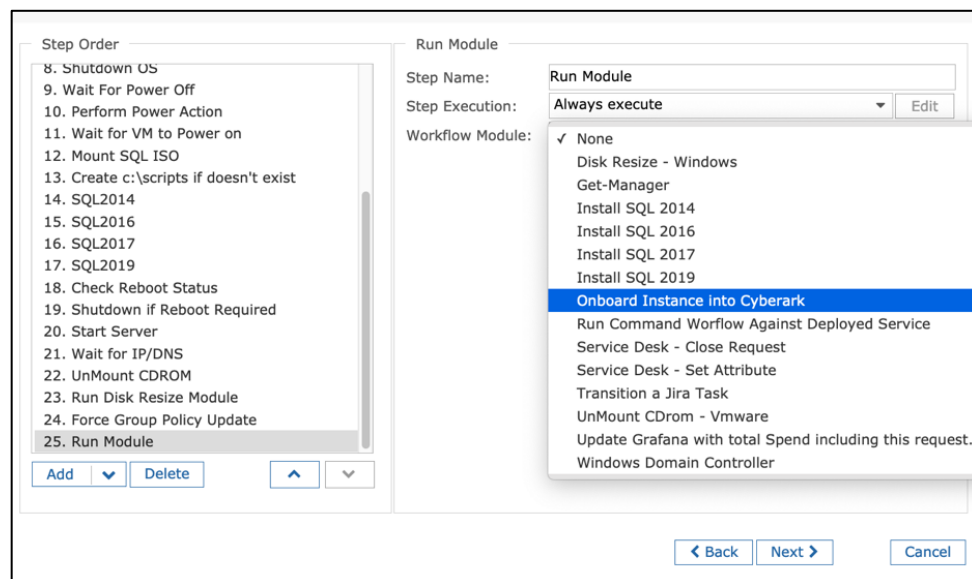
- Click OK, Next and Finish to exit the wizard.

Adding the Module to a completion Workflow

1. Navigate to Configuration> Self Service> Completion in the Snow Commander Admin Portal.
2. Select the Workflow which you would like to add the module step to and Select Edit
3. On the steps Selection, choose Add> Run Module.



4. Select the Module from Dropdown Menu



- Now to set the variable details for this step. These are the variables that need to be populated:

commander_base_url

Base url for commander "<https://commander.address.com>"

image_credential_name

Credential object to be used when creating the Account registration in Cyberark

platform_id

Platform identifier for the account, this must already exist in CyberArk or the request will fail.

safe_name

Name of the Safe that the account will be created in.

cyberark_authtype

Auth type for the user account used for API calls to CyberArk, supported types are: CyberArk, LDAP, RADIUS, Windows.

cyberark_instance

DNS address of the CyberArk Server.

Completion Workflow Configuration

Steps
Enter a name and the details for each step. The Completion Workflow will execute the steps in the listed order.

Name	Step Order	Run Module
Steps	25. Run Module	CyberArk_Account_Creation
Assigned Components		Always execute
Summary		Onboard Instance into Cyberark

Input Variables

Display Name	Default Value
Cyberark AuthType	LDAP
Cyberark Instance	cybrazure.cyberark.skytapdns.com
Image Username	cak_admin
Image Password	1Carnat1734E#

Buttons: Help, < Back, Next >, Cancel

Module Results

- When the Completion Workflow is triggered after a VM deployment, and the module has run. The following results will be seen in the comments

Add Comment

Comments

SYSTEM at 2021/07/21 15:23:57
Workflow "onboard instance Creds into CyberArk" with ID #4,892 for "sbgrafana" has completed.

SYSTEM at 2021/07/21 15:23:57
Module "Run Module" Completed

SYSTEM at 2021/07/21 15:23:57
Embedded script successfully completed. Output of script follows. - Ignoring invalid Certificate Account sbgrafana.pv.embotics.com has been created sucessfully

SYSTEM at 2021/07/21 15:23:52
Starting Module "Run Module"

Comment (Required)

8000 chars left

Add CommentClose

- In CyberArk, the new Account entry will exist with the specified Safe and Platform identifier.

CYBERARK

Last sign in: 2021-07-21 | Mike

Accounts View

sbgra

Ad-Hoc connectionAdd account

1 results for: sbgra

Status	Username	Address
	cak_admin	sbgrafana.pv.embotics.com

cak_admin On sbgrafana.pv.embotics.com

Platform: Unix via SSHSafe: Linux Accounts

ShowCopyConnect

OverviewDetailsActivitiesVersions

Compliance Status **Compliant**

0

Days ago

Changed by Mike
Jul 21, 2021 3:23 PM

ReconcileChange

Last Verified

Never Verified

Created 2 minutes ago

Verify

Activities (Last 5)

Jul 21 3:23:56 PMMikeAdd File Category

Last Access

by Mike
Today