

Credentials

I

About Credentials

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- Credentials are used for authentication, synchronizing with inventory sources, and importing project content from a version control system when launching Jobs against machines.
- AWWX allows users and teams to use credentials without exposing them to the user.
- Preventing system re-keying when a user moves or leaves the organization.

Understanding How Credentials Work

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- AWX connects to remote hosts using SSH, decrypting the key before writing a named pipe. This prevents the key from being written to disk.
- AWX handles passwords by responding directly to the prompt and decrypting them before writing them to the prompt.

Getting Started with Credentials.

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- Click **Credentials** from the left navigation bar to access the Credentials page. The Credentials page displays a search-able list of all available Credentials and can be sorted by **Name**.

Credentials

Name	Type	Actions
<input type="checkbox"/> Ansible Galaxy	Ansible Galaxy/Automation Hub API Token	
<input type="checkbox"/> Default Execution Environment Registry Credential	Container Registry	
<input type="checkbox"/> Demo Credential	Machine	

Getting Started with Credentials..

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- Clicking on the link for the **Demo Credential** takes you to the **Details** view of this Credential.

[Credentials](#) > [Demo Credential](#)

Details



[← Back to Credentials](#) [Details](#) [Access](#) [Job Templates](#)

Name	Demo Credential	Credential Type	Machine	Username	admin
Created	9/23/2022, 12:41:57 PM by admin	Last Modified	9/23/2022, 12:41:57 PM by admin		

[Edit](#)

[Delete](#)

Getting Started with Credentials...

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- Clicking the **Access** tab shows you users and teams associated with this Credential and their granted roles (owner, admin, auditor, etc.).

Credentials > Demo Credential

Access

Back to Credentials Details Access Job Templates

Username 1 - 2 of 2

Username	First name	Last name	Roles
admin			User Roles Admin System Administrator
austin78	Austin	Austin	User Roles System Auditor

1 - 2 of 2 items 1 of 1 page

Getting Started with Credentials...

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- Clicking the **Job Templates** tab shows you the job templates associated with this Credential and which jobs recently ran using this particular credential.

Credentials > Demo Credential

Job Templates

Back to Credentials Details Access Job Templates

> ☐ Name 1-1 of 1

Name ↑	Type	Recent jobs	Actions
> <input type="checkbox"/> Demo Job Template	Job Template	Default 9/27/2022, 11:21:12 AM	

1-1 of 1 items 1 of 1 page

Add a New Credential.

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- Click the **Add** button from the **Credentials** screen.


Credentials

Create New Credential

Name * Description Organization

Credential Type *

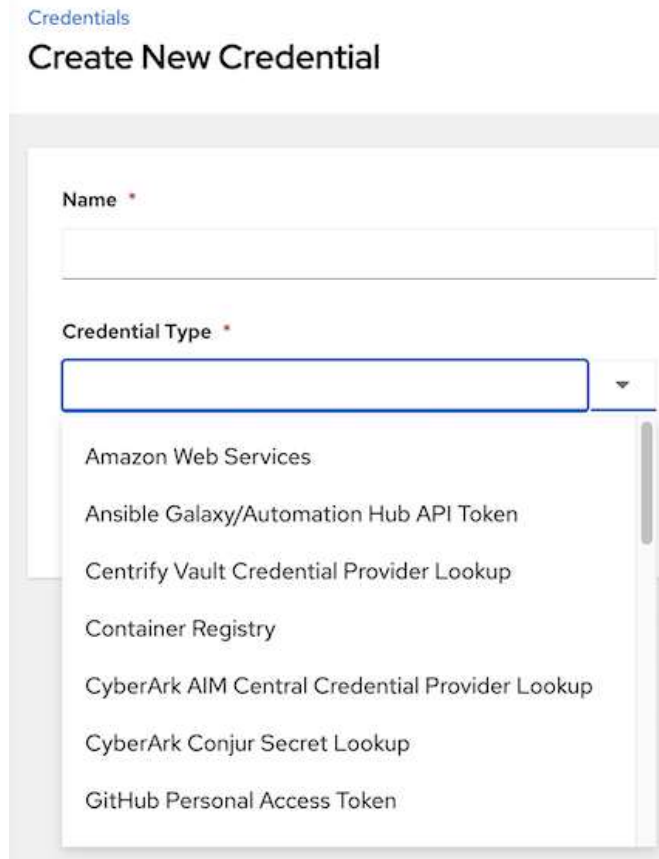
Save Cancel



Add a New Credential..

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- Enter the name for your new credential in the **Name** field.
- Enter or select the credential type you want to create.
- Enter the appropriate details depending on the type of credential selected.
- Click **Save** when done.



The screenshot shows a web interface for creating a new credential. At the top, there is a breadcrumb 'Credentials' and a title 'Create New Credential'. Below this, there are two main fields: 'Name' and 'Credential Type'. The 'Name' field is a text input. The 'Credential Type' field is a dropdown menu that is currently open, showing a list of credential types. The list includes: Amazon Web Services, Ansible Galaxy/Automation Hub API Token, Centrify Vault Credential Provider Lookup, Container Registry, CyberArk AIM Central Credential Provider Lookup, CyberArk Conjur Secret Lookup, and GitHub Personal Access Token. The dropdown menu has a scroll bar on the right side.

Credentials

Create New Credential

Name *

Credential Type *

- Amazon Web Services
- Ansible Galaxy/Automation Hub API Token
- Centrify Vault Credential Provider Lookup
- Container Registry
- CyberArk AIM Central Credential Provider Lookup
- CyberArk Conjur Secret Lookup
- GitHub Personal Access Token

Credential Types.

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- The following credential types are supported with AWWX:
 - Amazon Web Services
 - Ansible Galaxy/Automation Hub API Token
 - Centrify Vault Credential Provider Lookup
 - Container Registry
 - CyberArk Central Credential Provider Lookup
 - CyberArk Conjur Secrets Manager Lookup
 - GitHub Personal Access Token
 - GitLab Personal Access Token
 - Google Compute Engine
 - GPG Public Key
 - HashiCorp Vault Secret Lookup

Credential Types..



- HashiCorp Vault Signed SSH
- Machine
- Microsoft Azure Key Vault
- Microsoft Azure Resource Manager
- Network
- OpenShift or Kubernetes API Bearer Token
- OpenStack
- Red Hat Ansible Automation Platform
- Red Hat Satellite 6
- Red Hat Virtualization
- Source Control
- Vault
- VMware vCenter