Credentials

About Credentials

- Credentials are used for authentication, synchronizing with inventory sources, and importing project content from a version control system when launching Jobs against machines.

- AWX 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

- 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.

- 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**.

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

Getting Started with Credentials…

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

Getting Started with Credentials...

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

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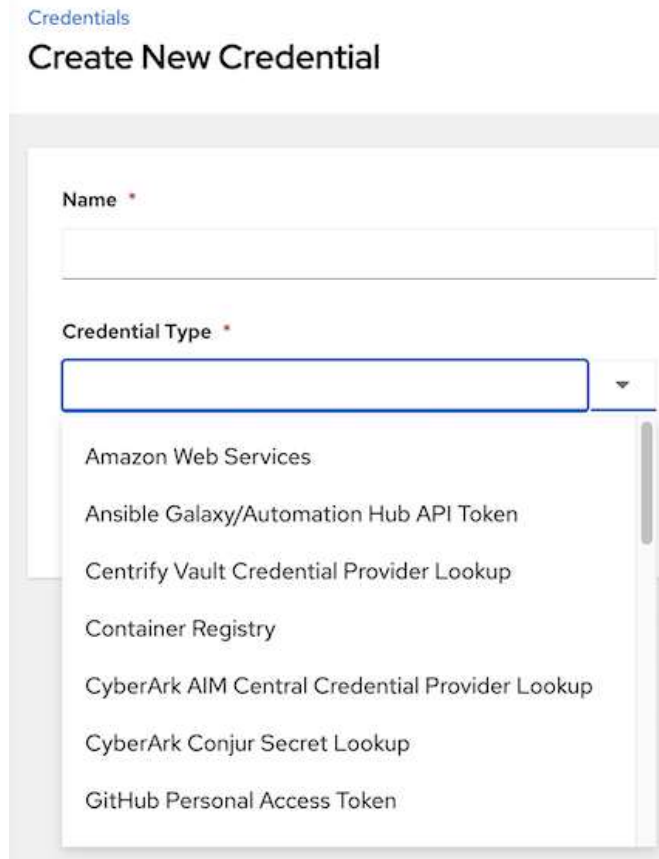
- Enter the name for your new credential in the **Name** field.
- Enter or select the credential type you want to create.
- Enter the appropriate details depending on the type of credential selected.
- Click **Save** when done.

Credential Types.

- The following credential types are supported with AWX:
    - 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