Executing protection workflows using OnCommand Workflow Automation

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Executing protection workflows using OnCommand Workflow Automation

You can integrate OnCommand Workflow Automation with Unified Manager to execute workflows for your storage classes and monitor SVMs with Infinite Volume that do not have storage classes.

Configuring a connection between Workflow Automation and Unified Manager

You can configure a secure connection between OnCommand Workflow Automation (WFA) and Unified Manager. Connecting to Workflow Automation enables you to use protection features such as SnapMirror and SnapVault configuration workflows, as well as commands for managing SnapMirror relationships.

Before you begin

- The installed version of Workflow Automation must be 5.1 or greater.

  The "WFA pack for managing Clustered Data ONTAP" is included in WFA 5.1 so there is no need to download this pack from the NetAppStorage Automation Store and install it separately onto your WFA server as was required in the past. WFA pack for managing ONTAP

- You must have the name of the database user that you created in Unified Manager to support WFA and Unified Manager connections.

  This database user must have been assigned the Integration Schema user role.

- You must be assigned either the Administrator role or the Architect role in Workflow Automation.
- You must have the host address, port number 443, user name, and password for the Workflow Automation setup.
- You must have the Application Administrator or Storage Administrator role.

Steps

1. In the left navigation pane, click **General** > **Workflow Automation**.
2. In the **Database User** area of the **Workflow Automation** page, select the name, and enter the password for the database user that you created to support Unified Manager and Workflow Automation connections.
3. In the **Workflow Automation Credentials** area of the page, enter the host name or IP address (IPv4 or IPv6), and the user name and password for the Workflow Automation setup.

   You must use the Unified Manager server port (port 443).

4. Click **Save**.
5. If you use a self-signed certificate, click **Yes** to authorize the security certificate.

The Workflow Automation page displays.

6. Click **Yes** to reload the web UI, and add the Workflow Automation features.

Related information

NetApp Documentation: OnCommand Workflow Automation (current releases)

Removing OnCommand Workflow Automation setup from Unified Manager

You can remove the OnCommand Workflow Automation setup from Unified Manager when you no longer want to use Workflow Automation.

Before you begin

You must have the Application Administrator or Storage Administrator role.

Steps

1. In the left navigation pane, click **General** > **Workflow Automation** in the left Setup menu.
2. In the **Workflow Automation** page, click **Remove Setup**.

What happens when OnCommand Workflow Automation is reinstalled or upgraded

Before reinstalling or upgrading OnCommand Workflow Automation, you must first remove the connection between OnCommand Workflow Automation and Unified Manager, and ensure that all OnCommand Workflow Automation currently running or scheduled jobs are stopped.

You must also manually delete Unified Manager from OnCommand Workflow Automation.

After you reinstall or upgrade OnCommand Workflow Automation, you must set up the connection with Unified Manager again.

Description of OnCommand Workflow Automation setup windows and dialog boxes

You can set up OnCommand Workflow Automation in Unified Manager by using the Workflow Automation page.

Workflow Automation page

The Workflow Automation page enables you to configure the settings to integrate OnCommand Workflow Automation with Unified Manager. You can also add, modify, or delete the settings.

You must have the Application Administrator or Storage Administrator role.

Unified Manager Database User

This area enables you to enter the credentials of a database user that is required for pairing Unified Manager with Workflow Automation:

- **Name**

  Enables you to specify the user name of a database user that can be used to access data in the Unified Manager database. By default, no database user is selected. You can select a database user from the drop-down list.

- **Password**

  Enables you to specify a password for the specified user name.

OnCommand Workflow Automation Credentials

This area enables you to enter the credentials of a Workflow Automation account that is required for pairing with Unified Manager:

- **Hostname or IP Address**

  Specifies the name or IP address of the Workflow Automation host server, which is used to pair with Unified Manager.

- **Port**

  Displays the required the port number of the Workflow Automation host server, which is 443.

- **Username**

  Enables you to specify a user name that can be used to log in to Workflow Automation.

- **Password**

  Enables you to specify a password for the specified user name.

Command buttons

The command buttons enable you to remove, save, or cancel the setup options:

- **Remove Setup**

  Removes the Workflow Automation setup from Unified Manager.

- **Save**

  Saves the configuration settings for the selected option.

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