RPA Specialization

Course 6: UiPath Orchestrator and Capstone Projects

Assets in On-premise Orchestrator

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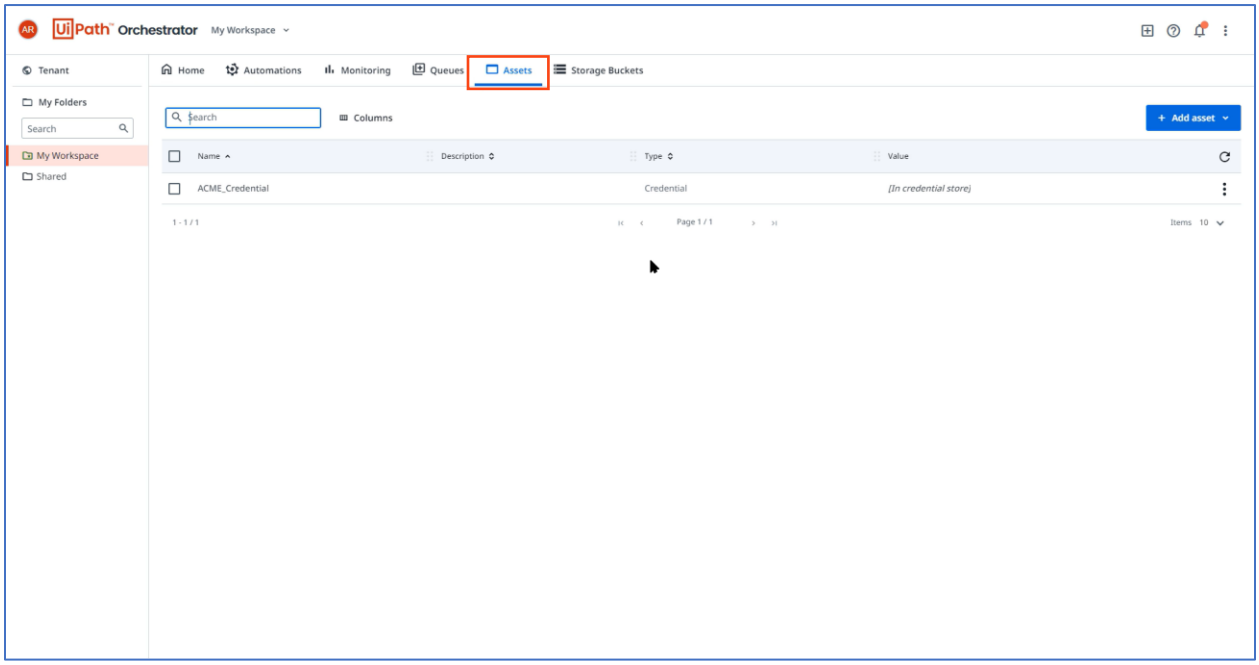
This document gives an overview of Assets in On-premise Orchestrator (On-premise: Version 2021.10).

Assets are shared variables or credentials stored in the Orchestrator and used by the robots in different automation projects. They can store specific information and act as a data repository that the robots can access when running processes.

The **Assets** page in a folder allows you to manage shared credentials or variables used in processes. It enables you to create new assets and also displays all previously created assets, which can be edited or deleted.



There are four types of assets:

- **Text**: stores only strings (it is not required to add quotation marks)
- **Bool**: supports true or false values
- **Integer**: stores only whole numbers
- **Credential**: contains usernames and passwords that the robot requires to execute processes, such as login details for ERP applications.

Creating an asset in Orchestrator is easy. Let's assume that you have a project in Studio that enters a user's login credential on the login page of www.uipath.com upon execution.

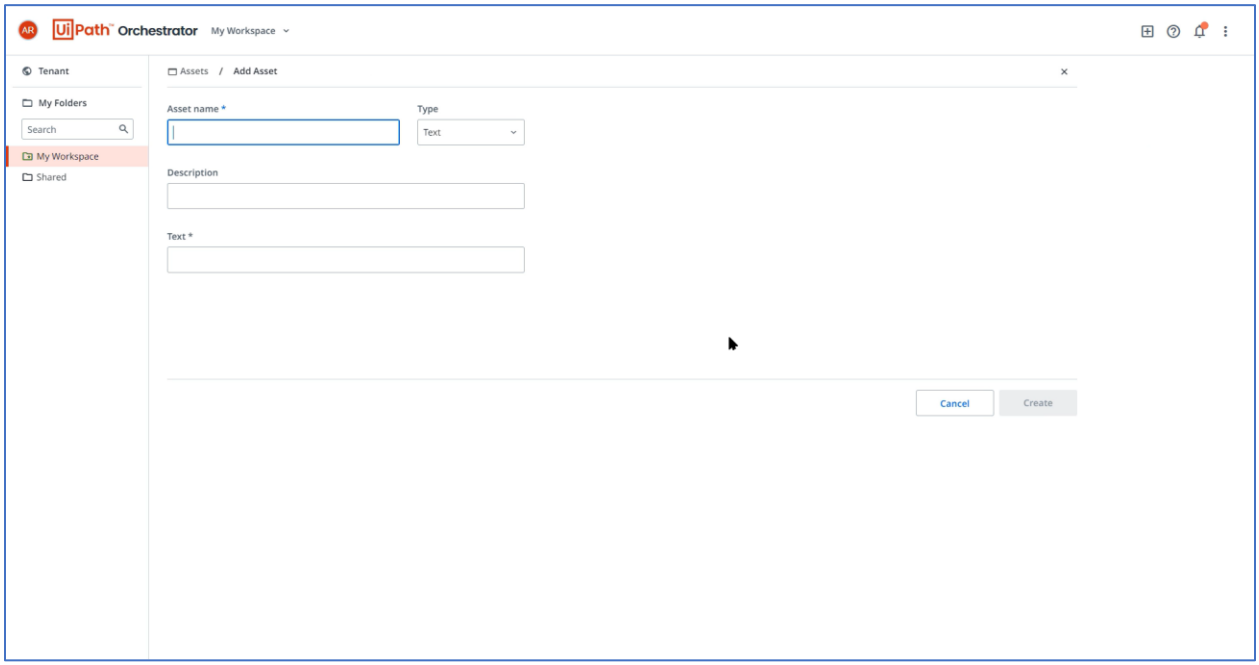
Instead of storing the login credentials in the project activities, you can store these in Orchestrator's Assets. The stored data will be fetched by the process when signing into the website. To do this, you can go to the Assets page in a folder and create a credential asset to store login details.

Here are the steps to create a new Asset:

Step 1: Open UiPath Orchestrator and navigate to the Assets page of a folder.

Step 2: Click the Add asset button (the blue button on the right of the screen) to get a drop-down menu and click the Create a new asset option.

Step 3: When you click the option, a form opens to enter the required values in the fields, and click the Create button to add the asset.



In the Asset name textbox, enter the Name of the credential.

In the Type field, select Credential. In the Username and Password field, enter the credential values, and click Create. It creates the credential asset.

After creating the asset, you can use the **Get Credential** activity in your project in Studio to use the credential.

To know more, visit: https://docs.uipath.com/orchestrator/v2021.10/docs/about-assets