

☀☀☀ Day 49 of Our Daily UiPath Q&A Challenge! ☀☀☀

Welcome to Day 49 of our exciting UiPath Q&A Challenge! Each day, we'll be answering one key question to help you master UiPath and revolutionize your automation journey. 🚀

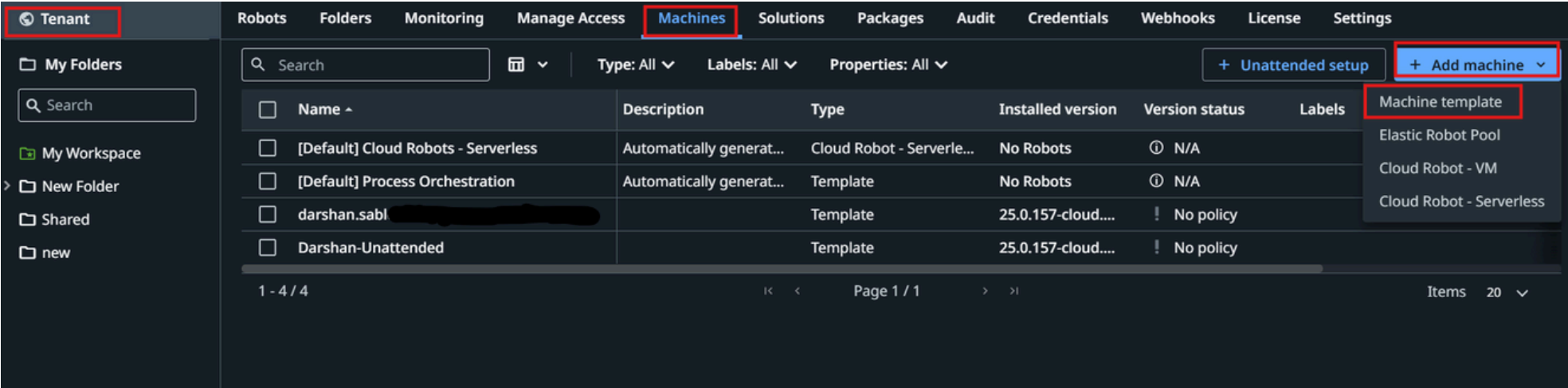
🚫 Question for Today

How to Create Machine Template?

Adding a Machine Template

To create a machine template, follow these steps:

- 1 Go to Tenant > Machines. The Machines page is displayed with a list of all machine objects in the tenant.
- 2 On the Machines page, click Add machine > Machine template. The Machine template page is displayed.



3 In the Template Name field, enter a name for your template to easily identify it.

4 In the Description field, enter a description for your machine.

5 In the Runtime details section, assign the desired runtimes of each type to the machine. The number of runtimes represents the number of jobs you can execute simultaneously on each host machine connected to Orchestrator using this template.

Tenant > Machines > Machine template

1 Machine 2 Maintenance Optional

General details ⓘ

Template name *
Test-MachineTemplate

Description
Test-MachineTemplate for demo

Supported usage

Process type* All Process Compatibility* All

Tags

Labels

Start typing to get a list of possible results

Properties (Key-value pairs) ⚙️ Advanced settings +

This object contains no properties.

Runtime details

Runtime licenses: Production, Testing
The number of licenses specified below will be consumed by each machine connected to this template. The licenses are released as soon as the machine disconnects.

This configuration defines the maximum number of jobs that the machine can run at the same time.

Production (Unattended)* 1 /1

Testing* 1 /1

Runtime type: Production, Testing
For machine templates runtime license coincides with the runtime type available for selection when starting a job/ creating a trigger.

Cancel Provision

Note: The Testing runtime type works only with Test Cloud, and you can use it to run tests and RPA processes only in non-production or testing scenarios

6 In the Process type and Process compatibility fields, specify the type of processes the host machines can execute.

Field

Process type

1. **Foreground only** - only foreground processes,
2. **Background only** - only background processes,
3. **All** - both background and foreground processes.

Process compatibility

1. **Windows only** - Windows-compatible processes only,
2. **Cross-platform only** - cross-platform processes only,
3. **All** - both Windows-compatible and cross-platform processes.

Process type*

All

All

Foreground only

Background only

Process Compatibility*

All

All

Windows only

Cross-platform only

7 In the Client binaries (Robot, Assistant and Studio) auto update policy field, select the update policy based on which the Robot, Assistant, and Studio get updated.

1. Latest patch - Installs the latest available version in the Update Server.
2. Latest version - Installs the latest patch available for each of the supported versions, e.g., latest 2021.10 patch.
3. Specific version - Installs a specific patch from the list of the ones available in the Update Server.

8 Click Provision. Your machine is created and a confirmation window is displayed along with the Client ID and Client secret needed to connect your robots to Orchestrator.

Learn more about the update process.' Below this is a dropdown menu titled 'Client binaries (Robot, Assistant and Studio) auto-update policy*'. The dropdown is open, showing options: 'None' (selected), 'Latest patch', 'Latest version', and 'Specific version'. At the bottom right, there are 'Cancel' and 'Provision' buttons, with 'Provision' highlighted in blue. Red rectangular boxes highlight the 'Maintenance Optional' button, the dropdown menu, and the 'Provision' button."/>

Tenant > Machines > Machine template

Machine

Maintenance Optional

Auto Update

The auto-update policy applies to client binaries (Robot, Assistant and Studio). Version downgrades are not supported. [Learn more](#) about the update process.

Client binaries (Robot, Assistant and Studio) auto-update policy*

None

None

Latest patch

Latest version

Specific version

Cancel Provision

Tenant > Machines > Machine template

✓ Success! Your machine was created.

You can now authenticate this machine to your Robot in the Assistant by using the details below.

Machine Name

Test-MachineTemplate

Client ID / Machine key

[Redacted]

The ID is unique, generated once and used for identification purposes

Client secret

[Redacted]

Works in combination with the ID above. You can add or delete secrets when editing the machine.

Keep your secrets safe
Copy the above credentials in a safe storage location. Consider using encryption or hashing to secure your storage. In case the client secret value is lost, you can generate a new one by editing the machine authentication details.

Close

9 Once done, click Close. The Machine template window is closed and the Machines page is displayed listing all machine objects in the tenant, including the one you just created.

Robots Folders Monitoring Manage Access **Machines**

Search [v] Type: All Label

| <input type="checkbox"/> Name ^ | Description |
|--|-------------------|
| <input type="checkbox"/> [Default] Cloud Robots - Serverless | Automatically gen |
| <input type="checkbox"/> [Default] Process Orchestration | Automatically gen |
| <input type="checkbox"/> darshan.sable | |
| <input type="checkbox"/> Darshan-Unattended | |
| <input type="checkbox"/> Test-MachineTemplate | Test-MachineTemp |

1 - 5 / 5

Note- The client secret is only visible once, right after its creation. If you want to use the same secret multiple times, copy it and store it in a safe storage location. Consider using encryption or hashing to secure the storage.

You can add a new client secret as well. Edit the machine template and click on +Add new in client secret section

Authentication details

Client ID / Machine key

The ID is unique, generated once and used for identification purposes

Client secrets

+ Add new

i

Keep secrets in a **safe storage location** . Consider using encryption or hashing to secure your storage.

| Secret ID | Value | Creation Date | |
|-----------|-------|----------------------|--|
| 425055 | ***** | 4/3/2025, 4:46:23 PM | |
| 425054 | ***** | 4/3/2025, 4:42:44 PM | |