

Using the VMware vCenter Orchestrator 5.1 Client Quick Reference



By using the Orchestrator client you can import packages, run and schedule workflows, and manage user permissions. In addition, you can also create packages and resource elements.

Log in to the Orchestrator 5.1 Client

1. Log in as an administrator to the machine on which the vCO client is installed.
2. Click Start > Programs > VMware > vCenter Orchestrator Client.
3. In the **Host** name field, type the IP address to which vCO server is bound. You can check the IP address on the **Network** tab in the Orchestrator configuration interface.
4. Log in by using the Orchestrator user name and password. You can check the credentials on the **Authentication** tab in the vCO configuration interface.

Set User Permissions on a Workflow

1. Click the **Permissions** tab.
2. Click the **Add access rights** link to define permissions for a new user or user group.
3. Select a user or user group and select the appropriate check boxes to set the level of permissions for this user or user group.
4. Click **Select**. The user or user group appears in the permissions list.
5. Click **Save and close** to exit the editor.

Run a Workflow

1. From the drop-down menu in the vCO client, select **Run**.
2. Click the **Workflows** view.
3. In the workflows hierarchical list, open Library and navigate to the workflow you want to run.
4. Right-click the workflow and select **Start workflow**.
5. Provide the required parameters and click **Next**.
6. Click **Submit** to run the workflow. A token appears under the workflow, showing the workflow running icon.
7. Click the workflow token to view the status of the workflow as it runs.
8. Click the **Events** tab in the workflow token view to follow the progress of the workflow token until it completes.

Schedule a Workflow

1. Click the **Scheduler** view.
2. Right-click within the left pane and select **Schedule task**.
3. Search for the workflow to schedule by typing the name of the workflow, select it, and click **Select**.
4. Set the start date and time for the workflow.
5. **(Optional)** Select whether to start the workflow if the scheduled time is in the past.
6. **(Optional)** Select a workflow recurrence pattern.
7. From the **Recurrence** drop-down menu, select the workflow recurrence pattern.
8. Click **Submit** to schedule the workflow.
9. From the drop-down menu in the vCO client, select **Run**.

Create a Policy

1. From the drop-down menu in the vCO client, select **Run** and click the **Policies** view.
2. Right-click within the left pane and select **Create new policy**.
3. Type a name for the policy and click **Ok**.
4. Right-click the policy and select **Edit**.
5. On the **General** tab, edit the startup settings, priority, startup user, and description of the policy.
6. On the **Scripting** tab, add and remove policy elements, periodic tasks, and trigger events, as well as manage attributes.
7. On the **Events** and **Logs** tabs, view information about the policy.
8. On the **Permissions** tab, add and remove access rights for users or user groups.
9. Click **Save and close** to exit the editor.

Apply a Policy

1. From the drop-down menu in the vCO client, select **Run** and click the **Policies** view.
2. Right-click within the left pane and select **Apply Policy**.
3. In the **Filter** text box type the name of the policy template.
4. Select the policy template and click **Select**.
5. Provide the required policy information and click **Submit**.
6. The policy appears in the list of policies.
7. In the **Policies** view, right-click the policy that you created and select **Start policy**.

Create a Package

1. From the drop-down menu in the vCO client, select **Administer** and click the **Packages** view.
2. Right-click in the left pane and select **Add package**.
3. Type the name of the new package and click **Ok**. The syntax for package names is *domain.your_company.folder.package_name*.
4. Right-click the package and select **Edit**.
5. On the **General** tab, add a description for the package.
6. On the **Workflows** tab, add workflows to the package.
7. On the **Policy Templates**, **Actions**, **Web View**, **Configurations**, **Resources**, and **Used Plug-Ins** tabs, add policy templates, actions, Web views, configuration elements, resource elements, and plug-ins to the package.
8. Click the **Permissions** tab in the package editor.
9. Click **Add access rights** to define permissions for a new user or user group.
10. Click **Save and close** to exit the editor.

You can also import, export, and delete packages from **Administer > Packages**.

Standard Workflows in Orchestrator

The contents of the workflow library is accessible through the Workflows view in the Orchestrator client. The standard workflow library provides workflows in the following folders.

Folder	Workflows Functionality
JDBC	Test the communication between a workflow and a database by using the SQL plug-in shipped with Orchestrator
Locking	Demonstrates the locking mechanism for automated processes, that allows workflows to lock the resources they use.
Mail	Send and receive emails from workflows.
Orchestrator	Automate certain common Orchestrator operations.
SQL	Manage databases and database tables, as well as run SQL operations.
SSH	Implement the Secure Shell v2 (SSH-2) protocol. These workflows allow you to run remote command and file transfer sessions with password and public key-based authentication. The SSH configuration allows you to specify paths to objects to expose in the Orchestrator inventory through secure connections.
Troubleshooting	Export application settings and log files to a ZIP archive that you can send to VMware support for troubleshooting.
vCenter Server	Access the functions of the vCenter Server API, so that you can incorporate all of the vCenter Server functions into the management processes that you automate by using Orchestrator.
Workflow documentation	Export information about workflows or workflow categories as PDF files.
XML	A Document Object Model (DOM) XML parser that you can use to process XML files in workflows.

Resources and Links

- http://www.vmware.com/support/pubs/orchestrator_pubs.html - vCO docs
- <http://blogs.vmware.com/orchestrator/> - vCO blog
- <http://www.vcoteam.info/> - Unofficial blog of the vCO team
- <https://www.facebook.com/vmwarevco> - VMware vCO Facebook page