

# VMware vRealize Orchestrator Plugin

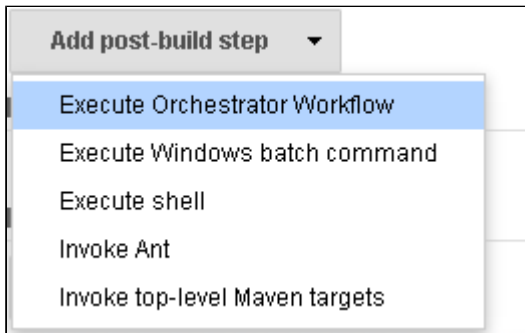
## Plugin Information

View vRealize Orchestrator [on the plugin site](#) for more information.

Provide integration with [vRealize Orchestrator](#). Allows us to configure any Orchestrator workflows as part of the Jenkins plugin configuration. It supports only Data types such as String / SecureString/ EncryptedString / Boolean / Date / Number / SDKObject.

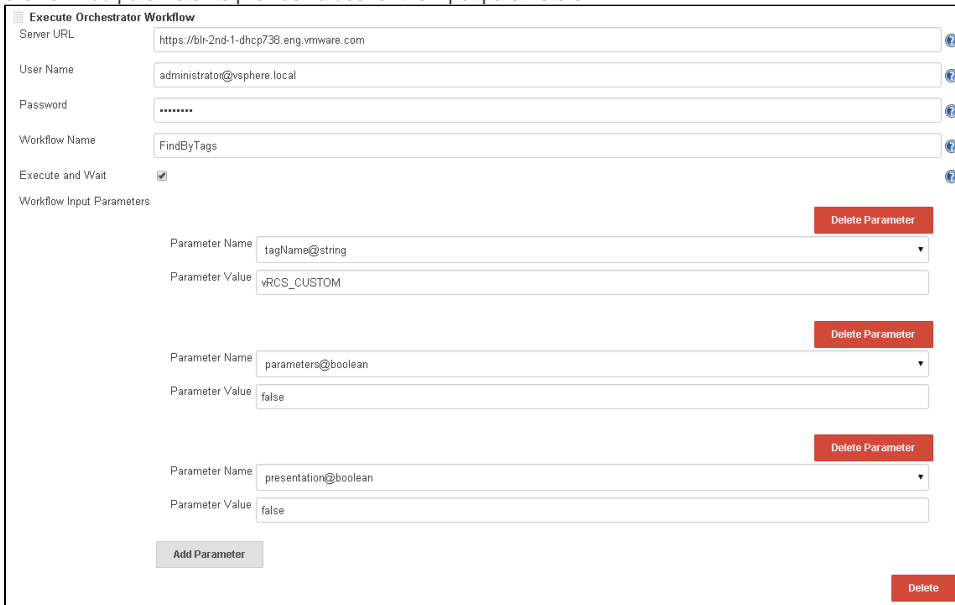
## Job Configuration

1. **Build step** : On Job configuration page click on **Add build step** select "Execute Orchestrator Workflow" option



2. **Configure** : Configure Orchestrator workflow like shown in image. Below is the description of each field

- Server URI - vRealize Orchestrator Server URL.
- User Name - Username to connect to Orchestrator server.
- Password - Password to connect to Orchestrator server.
- Workflow Name - Name of the workflow which you want to execute.
- Execute and Wait - If this checkbox is checked the job will wait for workflow to complete its execution.
- Workflow Input Parameters(Add Parameter) - Once the workflow name is given, it will fetch all the input parameters of the workflow. Now you can click on Add parameter to provide values for the input parameters.

A screenshot of the "Execute Orchestrator Workflow" configuration form in Jenkins. The form contains several fields: "Server URL" (https://blir-2nd-1-dhcp738.eng.vmware.com), "User Name" (administrator@vsphere.local), "Password" (masked with dots), "Workflow Name" (FindByTags), and a checked "Execute and Wait" checkbox. Below these are "Workflow Input Parameters" with three entries: "tagName@string" (value: vRCS\_CUSTOM), "parameters@boolean" (value: false), and "presentation@boolean" (value: false). Each parameter entry has a "Delete Parameter" button. At the bottom, there is an "Add Parameter" button and a "Delete" button.

## Output

Plugin publishes below output as Jenkins environment variables once the execution is complete. The below variables will be filled with the values of the workflow only when "Execute and wait" option is selected.

- ORCHESTRATOR\_WORKFLOW\_EXECUTION\_STATE - Status of the workflow execution.
- ORCHESTRATOR\_WORKFLOW\_EXECUTION\_OUTPUT- Output parameters that are published by the workflow once it is complete in the JSON format.