

# Getting Started Guide



# Special notice

Before using this information and the product it supports, read the information in [Notices on page 9](#).

# Chapter 1. Getting Started Guide

This guide provides an overview and describes the task flows to get you started with HCL OneTest™ Server. This guide is intended for new users.

## HCL OneTest Server overview

HCL OneTest Server brings together test data, test environments, and test runs and reports into a single, web-based browser for testers and non-testers.

HCL OneTest Server provides the following capabilities:

### **Web-based continuous testing platform**

HCL OneTest Server is a web-based continuous testing platform built on modern, cloud native technologies that enables test teams to run a breadth of tests that includes API, functional, and performance tests and to benefit from a holistic view of test progress. HCL OneTest Server is built on Docker for easy deployment. You can scale your testing on the cloud or remote on premise systems with native Docker, Kubernetes, and IBM Red Hat OpenShift support.

### **Role-based access and security**

Security is a key concern for HCL clients and therefore, HCL OneTest Server brings a comprehensive, role-based access control scheme to the server with project owners assigning specific member's key permissions (by using roles), for example managing test data or working with secrets such as passwords.

### **Running of tests from the server by using Docker containers**

Server-based running of tests is the starting point for HCL OneTest Server. For members of a project with the appropriate role, HCL OneTest Server enables direct running of tests from the browser by using transient Docker containers.

### **Connected agents for existing performance agents**

Agent owners can connect existing performance agents to the server and add them to a project for running schedules and Accelerated Functional Testing (AFT) Suites on the current infrastructure.

### **Project overview statistics**

The Overview page for HCL OneTest Server offers you a quick, simple view on the state of testing for your projects.

### **Project home page**

The home page lists your projects and other projects, which makes it easy to manage different projects within an organization.

### **Reporting and the Resource Monitoring Service**

HCL OneTest Server provides the home for capabilities that previously were hosted on HCL Quality Server. Reporting and the Resource Monitoring Service are in HCL OneTest Server and provide a more direct relationship with their related projects. These capabilities also benefit from the project level, role-based access controls. You can view unified test results to help you make informed business decisions.

### **Test data authoring**

Beyond the concept of a project held in a Git repository for a simple location of tests and related assets, you can do full concurrent editing of test data sets directly from HCL OneTest Server. This true multiuser capability enables team members to collaborate more easily as well as try out data changes without impacting the rest of the team. When satisfied with the results, team members can push their changes. You can also fabricate sample data to perform tests by using the data generator supported in HCL OneTest Server.

### **Integration with DevOps tools**

You can integrate HCL OneTest Server with various popular DevOps tools like Jenkins, UrbanCode Deploy, and Microsoft Azure DevOps to get more value from your DevOps pipelines. You can use UrbanCode Deploy to define a deployment process that automatically triggers test cases and have those test insights available directly within UrbanCode Velocity. With the Microsoft Azure DevOps integration, you can also define a DevOps pipeline that includes direct execution of tests by using the HCL OneTest Server scalable infrastructure. HCL OneTest Server also integrates with Jira for defect tracking and GitHub for software source management and version control.

## **Task flow: Test runs and results in HCL OneTest Server**

You can use the task flow diagram to get started with HCL OneTest Server. After you install the software, you can complete the tasks in sequence to run test assets in HCL OneTest Server and view and analyze the test results.

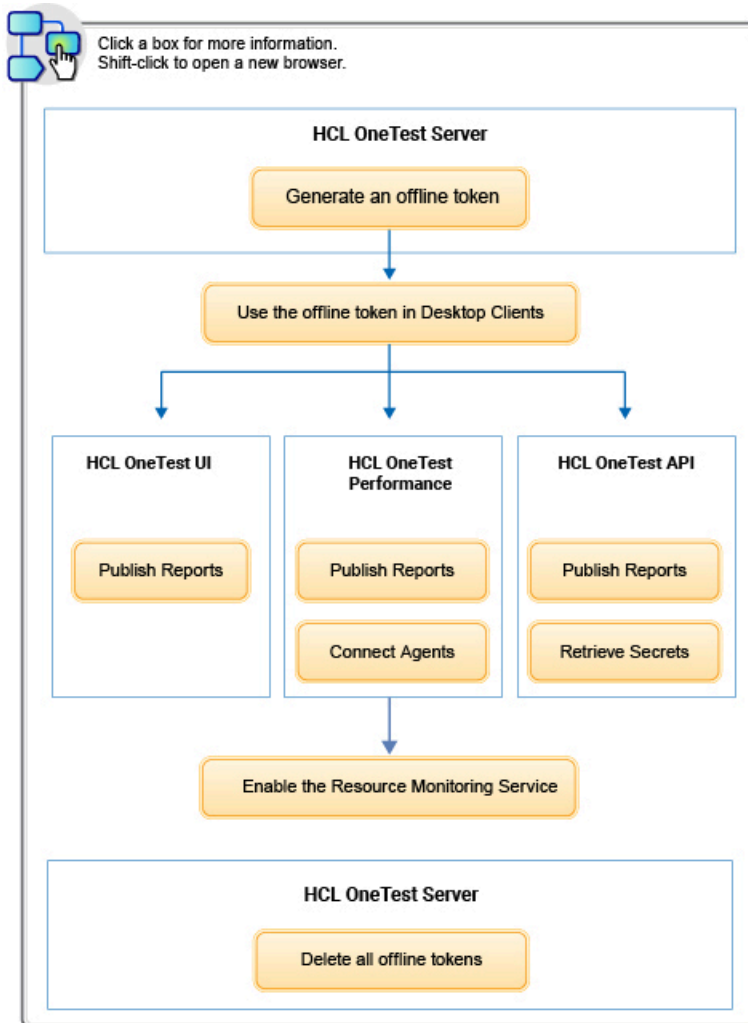
You can click the links to get more information about the tasks. The diagram also provides the tasks to be performed by personas. HCL OneTest Server supports user roles.



1. Default user administration on page
2. Test assets and a server project on page
3. Adding a project on page
4. Adding repositories to a server project on page
5. Protecting API test assets by using secrets on page
6. Managing an encrypted dataset on page
7. Adding users to a server project on page
8. Adding an agent to a project on page
9. Tests configurations and test runs on page
10. Resource Monitoring service on page
11. Test results on page
12. An overview of test assets, modifications, and scheduled runs on page

## Task flow: HCL OneTest Server access from desktop clients

You can use the task flow diagram to help you access the server from the different desktop clients to retrieve secrets, publish reports, or enable resource monitoring agents. You can perform these tasks after you install and set up the server.



1. Managing access to HCL OneTest Server on page
2. Managing access to HCL OneTest Server on page
3. Test results and reports overview on page
4. Test results and reports overview on page
5. Test results and reports overview on page
6. [Retrieving secrets](#)
7. Managing access to HCL OneTest Server on page
8. [Configuring HCL OneTest Performance Agent](#)
9. [Enabling of Resource Monitoring services for a schedule](#)

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#### Related information

- Managing access to server projects on page



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