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Testing Tool Integrations

PRE-INTEGRATED FOR USE WITH FUNCTIONAL AND PERFORMANCE TESTING TOOLS

Service Virtualization comes with pre-built integrations to the OpenText™ UFT Functional Testing and OpenText™ LoadRunner Performance Testing portfolios. Test engineers can easily provision and control Virtual Services directly from automation tools and collect metrics during test execution and simulation time. Service Virtualization integration to LoadRunner tools allows real time capture and visualization of Virtual Service simulation and server metrics directly in LoadRunner tools. Auto deployment of associated Virtual Services is provided once the script is executed and also provides the ability to change VLPXODWLRQ FRQGLWLRQV RQ HZ KHQHV FUL S is already running.

MOBILE TESTING WITH SIMULATION

OpenText™ UFT Mobile includes a built-in capability for Dev Testers and Developers to execute their tests with simulated APIs within test automation tools. Service Virtualization Lab enables mobile application teams to easily create Virtual Services that can replace targeted services in a composite application or multi-step business process. The Service Virtualization lab is deployed together with UFT Mobile and allows simulation of REST API and communication to physical devices over NFC and Bluetooth services that Application Under Test (AUT) consumes.

TEST ASSET MANAGEMENT

Service Virtualization comes with pre-built integrations to Application Lifecycle Management (ALM) and Source Code Management (SCM), allowing storage and management of Service Virtualization projects as test resources in ALM together with testing assets in SCM. Shared Service Virtualization asset management allows easier maintenance and versioning, and facilitates re-use of the Virtual Services by other users and other testing tools.

DEVOPS AND CONTINUOUS INTEGRATION

Integration with Continuous Integration (CI) tools using Service Virtualization management API and CI plugins such as Jenkins or Bamboo allows Service Virtualization to be part of the continuous integration process. When combined with test automation, these capabilities enable enhanced workflows for Developers and Testers through shortened feedback cycles in Continuous Integration, Continuous Testing, and DevOps practices.

Key Software Components and Licensing

Service Virtualization Software consists of the following applications:

Service Virtualization Designer

The Service Virtualization Designer is a client application enabling creation of Virtual Services and run simulations of real service behavior. The Service Virtualization Designer is used for design and validation of Virtual Services within the same desktop environment and includes an embedded server for hosting virtual services.

Service Virtualization Server

The Service Virtualization Server is a standalone server application that hosts the running of Virtual Services. The Service Virtualization Server is optimized for performance, can contain many more services than the Service Virtualization Designer, and can be accessed by multiple Designers.

Service Virtualization Lab Server

The Service Virtualization Lab Server is a standalone application that can run a subset of SURWRFROVDQ\ 9LUWXDOH UHVFGHÌQHG VLPXODWLRQ ODRQJWHUP _ IRQ E L O H and IoT testing.

6HUYLFH9LUWXDOL] DWLRQQQJHPHQW Interface

The Service Virtualization Management Interface is a web application enabling manageP HQ RI 9LUWXDOOHUF HVDQ FRQ DWLRQ Service Virtualization Servers, without opening the Designer or individual projects. The Service Virtualization Management interface is installed by default when you install the Service Virtualization Server.

Flexible Licensing

6HF H9LUWXDOLJWLRQ VWXWLRQDQ two Service Virtualization Server licensing options to accommodate almost any organizational need.

EXPRESS EDITION

- 6HUYHU9LUWXDOLJ 'HVLJQHU 96 TPS (free)

ENTERPRISE EDITION

- Service Virtualization Designer: seat, QLPLWHG736
- Service Virtualization Server:
  - Static: server instance, unlimited VSs
  - Dynamic: VSs in simulation, unlimited Service Virtualization Server nodes, 3 VS types
  - Includes limited capacity of Service Virtualization Lab Virtual Services

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System Requirements

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- :LQGRZV :LQGRZV :LQGRZV
  6HUYHU 5
- Linux (Service Virtualization Server only):
  5HG+DW(QWHUSULVH/LQX
  Oracle Linux 7.3, 8.2 and CentOS 7, 8.2
- 'DWDEDVH 06 64/
  $]XUH 64/DFQ HI/ g
  d/
- Service Virtualization Lab Server: Open
  -'XUDFOH-DE
- Containers: Docker (Windows and Linux), VMware
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For additional information about Service Virtualization:

Service Virtualization Product Page

Service Virtualization Help

Service Virtualization Community

Service Virtualization Download

www.opentext.com