



# CA Service Virtualization: Upgrading to DevTest 10.1

August 2017



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# Agenda

1 WHY UPGRADE CA SERVICE VIRTUALIZATION?

2 UPGRADING: TIPS AND TRICKS

3 RESOURCES

4 Q&A

# **Why Upgrade?**

# CA Service Virtualization Versions

Version End of Service Date	
v8.0-v8.0.2	15-Mar-2017
v8.1-v8.4	1-Jul-2017
v8.5-v9.0	15-Oct-2017
v9.1	1-Feb-2018
v9.5 & v9.5.1	20-Jul-2018
v10.0	21-Dec-2018
v10.1	—

## Why Upgrade to v10.1?

- Access to support experts
- Faster issue resolution when issue is reported
- Older technology can require more attention

# Access new Service Virtualization Features!!!

- **DevTest Portal UI:**
  - Create/Edit/Deploy HTTP Virtual Services
  - Reporting
  - ACL Administration
  - CVS Dashboard
- **Access to Invoke 2.0 API** for faster virtual service creation from DevTest portal
- **Enhanced Swagger 2.0 support**
- **Improvements to Mainframe support** including native CICS in the portal and baseline creation
- **Integrations** with other commonly used products that you love such as CA Test Data Manager, CA Agile Central, and updated HP ALM Plugin
- **Support for Docker**

# Release Notes: Comparison of Features

Key Features	Release 10.1	Release 10.0	Release 9.5	Release 9.1	Release 9.0	Release 8.5
Application Test Enhancements						
Create baseline tests from Swagger 2.0	yes	yes	no	no	no	no
Create baseline tests from virtual services	yes	yes	no	no	no	no
Convert large data data set to comma-separated value (CSV) file	yes	yes	yes	no	no	no
HP ALM Plugin for DevTest 64-Bit	yes	yes	yes	no	no	no
CA Agile Central report generator	yes	yes	yes	no	no	no
JMS support for ActiveMQ direct connection factory	yes	yes	yes	no	no	no
Failed to Stage status added to Monitoring Tests window	yes	yes	yes	yes	no	no
Selenium support for Firefox 43	yes	yes	yes	yes	no	no
Certified Selenium tests on Linux	yes	yes	yes	yes	no	no
RabbitMQ Send Receive step	yes	yes	yes	yes	yes	no
CVS Dashboard moved to DevTest Portal	yes	yes	yes	yes	yes	no

# **Tips & Tricks**

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# Preparing: **Must Do** Items!

- **Back-up** CA Service Virtualization Environment
  - Assets
  - DevTest Directory
  - Registry Database
  - Enterprise Dashboard Database (8.0+)
    - For 7.5.x you must uninstall the Enterprise Dashboard
- **Prepare** Database Migration
  - Ensure configuration for Registry and Enterprise Dashboard has full DBA privileges
- **Know your Environment** Information
  - I.e.: hostname, IP addresses, SSL Certificates, LDAP configuration, DB configuration

# Best Practices

- Upgrade a **Sandbox** Environment
  - Low risk
  - Validate that upgrade process is smooth
  - Validate that virtual services and tests work as expected
  - Familiarize yourself with new features
- **Two ways** to upgrade to the latest version
  - In-Place
  - New Location
- **Enterprise Dashboard**
  - If your existing **Dashboard is < 9.0** then your Dashboard configuration is in the **local.properties** file
  - **As of 9.x**, a new file called **dradis.properties** should be used for configuring the Dashboard.
  - The configuration lines from the **local.properties** file needs to be **copied over** to the **dradis.properties** file.

# Steps to Upgrading

1. Download Installer. Have license key available
2. Shut Down Services and Applications
3. Run Installer
4. Configure Property Files
  - local.properties
  - site. properties
  - dradis.properties
  - vmoptions
5. Clear Browse Cache
6. For v8.x and above, ACL is mandatory.  
**Review [Access Control](#) feature.**
7. Remote components: upgrade 1 by 1
8. Start DevTest Services:
  - Enterprise Dashboard, Registry, Portal, VSE, Coordinator, Simulator



# Post installation



- Verify Enterprise Dashboard Connectivity
- Verify Registry Connectivity
- Verify Component Status
- Verify Portal Connectivity
- Verify Workstation Connectivity
- Deploy Virtual Service
- Verify Deployed Virtual Service
- State Test Case
- Verify Test results

# Resources

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# Documentation

	Why CA	Products	Education & Training	Services & Support	Partners		 My Account ▾
<div><div><div>+ Setting Up the Mobile Testing Environment</div><div>Installing DevTest Solutions with a Silent Install</div><div>Docker Containers</div><div>- <b>Upgrading DevTest</b></div><div>Before You Upgrade</div><div>Upgrade</div></div></div>			<h2>Upgrading DevTest</h2> <p>Last update October 27, 2016</p> <p>This section describes how to upgrade an earlier version of DevTest Solutions to the latest version.</p> <p>The type of upgrade that this section describes is an <i>in-place upgrade</i>. You run the installer for DevTest 10.0 and specify the same directory as the existing installation.</p> <p>This section assumes that the earlier version is 7.5 or later.</p>				

<https://docops.ca.com/devtest-solutions/10-1/en/installing/upgrading-devtest>

# Community Upgrade Center

<http://cainc.to/SVUpgradeCntr>

Why Upgrade	Ready to Upgrade	After You Upgrade
<p>Learn about top new features in DevTest 10.1.</p> <p><b>Latest Release Information</b></p> <ul style="list-style-type: none"><li>• DocOps: What's new with DevTest 10.1 <a href="#">🔗</a></li><li>• DocOps: Release Notes DevTest 10.1 <a href="#">🔗</a></li><li>• <a href="#">📄 Blog</a>: DevTest 10.1 is Generally Available (GA)</li><li>• <a href="#">📄 Blog</a>: DevTest Server Console has Retired</li><li>• DevTest Solutions Release and Support Lifecycle Dates <a href="#">🔗</a> (GA and EOS Information, Support Login required)</li><li>• Demo DevTest Portal: Create Virtual Services from RR Pairs <a href="#">🔗</a></li><li>• Demo DevTest Portal: How to modify a Virtual Service after recording <a href="#">🔗</a></li><li>• Demo DevTest Portal: Using the CICS virtual service recording feature <a href="#">🔗</a></li><li>• Demo DevTest Portal: Using CICS Copybook payload mapping <a href="#">🔗</a></li></ul> <p><b>Integration Opportunities</b></p> <ul style="list-style-type: none"><li>• Demo of the End-to-End, Integrated CA Continuous Delivery Ecosystem <a href="#">🔗</a></li><li>• Demo of CA Application Test and CA Agile Central Integration <a href="#">🔗</a></li><li>• Demo of CA Service Virtualization and CA APIM <a href="#">🔗</a></li></ul>	<p>Advice and best practices for an effective and seamless upgrade.</p> <p><b>Must-Read DocOps Before You Upgrade</b></p> <ul style="list-style-type: none"><li>• System Requirements for DevTest 10.1 <a href="#">🔗</a></li><li>• Reactivate a Registry or Enterprise Dashboard <a href="#">🔗</a> Maintain Registries <a href="#">🔗</a></li></ul> <p><b>Upgrade Best Practices</b></p> <ul style="list-style-type: none"><li>• Guide: <a href="#">📄 How To - Upgrade DevTest 8.x To DevTest 10.1</a></li><li>• <a href="#">📄 How To - Create VS using Swagger Specs</a></li><li>• <a href="#">📄 Blog</a>: DevTest Architecture Best Practice - Overview</li></ul> <p><b>Training and Support</b></p> <ul style="list-style-type: none"><li>• OnDemand DevTest Solutions 10.0: Installation and Configuration 200 <a href="#">🔗</a></li></ul>	<p>Useful resources for after you've upgraded.</p> <p><b>Must-Read DocOps</b></p> <ul style="list-style-type: none"><li>• After you upgraded <a href="#">🔗</a></li><li>• Reactivate a Registry or Enterprise Dashboard <a href="#">🔗</a></li><li>• Maintain Registries <a href="#">🔗</a></li><li>• Logging <a href="#">🔗</a></li></ul> <p><b>Get the Most Out of DevTest Solutions</b></p> <ul style="list-style-type: none"><li>• <a href="#">📄 Tech Tips</a>: Best Practices Installing and Verifying DevTest Out of the Box</li></ul> <p><b>Are You Experiencing Issues or Need Help Troubleshooting?</b></p> <ul style="list-style-type: none"><li>• <a href="#">📄</a> After upgrading DevTest to versions 9.x/10.x got error 503</li></ul> <p><b>Need Additional Help?</b></p> <p>Please search the <a href="#">🔍 DevTest Communities</a> for your topic. If it is not listed, post a question to receive support from the DevTest community.</p> <p>If you seek further assistance, <a href="#">click here for CA Support</a> <a href="#">🔗</a>.</p>

# Install & Configuration Videos

<http://cainc.to/EDqrPC>

## Educate

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## DevTest Solutions 10.0 Installation and Configuration

Educate • 14 videos • 197 views • Last updated on Mar 30, 2021

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1



**Identifying Prerequisites for DevTest Solutions 10.0**  
by Educate

2



**Downloading Installation Files for DevTest Solutions 10.0**  
by Educate

3



**Running the Linux Installer Files for DevTest Solutions 10.0**  
by Educate



# Still need help?



1. Join the Conversation on the DevTest Community
  - <https://communities.ca.com/message/241998178-upgrading-to-devtest-101-join-the-discussion>
2. Contact CA Support for help
3. Contact your Account Rep
4. Contact SWAT  
Koustubh Warty:  
[Koustubh.Warty@ca.com](mailto:Koustubh.Warty@ca.com)



# Discussed

- Learn about the new features available DevTest 10.1
- Be able to prepare for an upgrade, perform an upgrade, and verify the upgrade
- Be able to utilize DevTest support and upgrade resources

# Questions?





# Thank You.