



# TestArchitect™ 8.3

## Update 3

November 30<sup>th</sup> 2017

## Release Notes for macOS

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**Please note:**

- Before upgrading to the latest version of TestArchitect, it is strongly recommended that you back up all repositories.
- A TestArchitect client and any repository server to which it connects must be the same version.

# What's New in TestArchitect 8.3 Update 3

The following new features and improvements are introduced in the latest version of TestArchitect running on macOS.

## TestArchitect Client

### New features

- **Standardized TestArchitect [test result status](#):**
  - Current result statuses, including **Passed**, **Failed**, **Passed with Warnings/Errors**, **Passed with Known Bugs**, and **Not Run**, are refined in such a way that the conditions and interpretations are consistent and are administered in a standard manner. This limits false positive and false negative errors that might occur in test results.
  - Adding a new result status, **Not Finished**:  
Reviewing test results is easier, because this new status helps you distinguish the cases in which a test is started, but it is unable to reach the end of an automated run.  
Please note that, the number of automation errors/warnings, and passed/failed checkpoints do not matter in this case. Specifically:
    - Automation runs that crash unexpectedly are **Not Finished**.
    - Automation errors occur and they are handled by the following built-in actions:
      - [exit test module](#)
      - [exit test case](#)
      - [terminate](#)

## TestArchitect Automation

### Enhancements to existing features

- **[Web services testing](#) improvements:**
  - **[Amazon Web Services \(AWS\)](#) support:** TestArchitect allows you to run automated tests on AWS which enables you to remove hardware-based resource constraints to quickly create developer environments and expand your testing machine fleet.

**Remember:** When you send HTTP requests to AWS, you are required to sign the requests so that AWS can identify who sent them. To sign a request, you first need to calculate signature ([learn more](#)).

**Note:**

- As of this release, signing process is not yet supported through TestArchitect's built-in actions. Consequently, you need to program a [user-scripted action](#) for the signing process (refer to the below links).
    - [Signing AWS Requests with Signature Version 4](#)
    - [Signature Version 2 Signing Process](#)
  - If you face difficulties while creating a signature, please contact TestArchitect Support at [support@logigear.com](mailto:support@logigear.com)
- **A new parameter for the [Encoder](#) configuration:**
    - **`addDefaultContentCharsetToContentType`:** Tells whether REST Assured should automatically append the **content charset** to the **content-type** header if **content charset** is not defined explicitly.
  - **Support for HTTP [digest authentication](#):** TestArchitect provides you with additional approach for specifying web service credentials which is Digest Authentication. To work with web services that require Digest authentication, use the [authenticate](#) built-in action.
  - **Support for writing responses to a file in TestArchitect:** You are able to save binary data files embedded in the given web service's HTTP response. The **response file** argument of [send http request](#) specifies a filename and an extension of the stored file.

## System Requirements

The following table lists the recommended hardware and software requirements for TestArchitect.

### Recommended system requirements

	TestArchitect Client/Controller with small-scale Repository Server	Production-scale Repository Server (up to 15 concurrent connections, 1GB repository)
<b>Operating system</b>	El Capitan (10.11), Yosemite (10.10) ( <a href="#">Learn more</a> )	Windows 2008/2012 Server
<b>RAM</b>	4 GB	8 GB
<b>HDD</b>	At least 2.5GB available space	Available space of at least 2 GB plus total aggregate size of all databases
<b>CPU</b>	2 GHz dual-core or faster	3.1 GHz quad-core

## Additional Resources

For more information, please visit our website at [www.testarchitect.com](http://www.testarchitect.com) or email us at [sales@logigear.com](mailto:sales@logigear.com).