



ALM\Quality Center Client Options

September 2020

Overview

ALM\QC offers several client options to allow maximum flexibility and to address the different needs of each customer and use case.

In this document we outline ALM client options to help you choose the most suitable one based on the needs of your organization and users.

How do you want to open ALM Client?

- Download ALM Client Launcher**
 - From Marketplace
 - From ALM ServerFirst save the download file (by using the "save" or "save as" option) and then run it.
- Run ALM Client Launcher**

Make sure you have run ALMClientLauncher.exe. It's only required for the first time you click me.
- Continue with IE**







Open ALM Client with Internet Explorer.

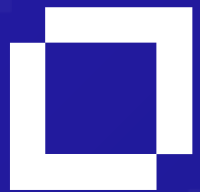
Internet Explorer – Current Status (Sep 2020)

- Internet explorer is [defined by Microsoft](#) as a component of the Windows operating system and follows the Lifecycle Policy for the product on which it is installed.
- Since Internet Explorer 11 is a component of Windows 10 it will follow the same [end-of-life dates](#), currently it is not expected before **Oct 2025** and depending on your specific edition it can be up to **Jan 2029**.
- On August 2020 Microsoft [announced](#) end of support for it's web based Teams and Office 365 apps when accessed from IE, this has **no impact** on using ALM when accessed from Internet Explorer.
- Microsoft acknowledges the need for corporates to continue using IE technologies and invests in the “IE mode” of Edge, see more details [here](#).
- ALM/QC will continue to support Internet Explorer 11 as long as it is being supported by Microsoft but there are **other alternatives** to enjoy the rich capabilities of ALM as detailed in this document.



ALM\QC – Client Options Summary

Client	Details	Comments
Full Clients		
 <u>ALM Client Launcher</u>	Standalone client The recommended way to work with ALM	<ul style="list-style-type: none"> • Self deployed, no need for installation • No need for Internet Explorer or special permissions • Automatically downloads the client files from ALM server and performs client side upgrades as needed (from version 3.0) • Supported from version 12.60
 Internet explorer Edge in IE mode	Internet Explorer 10 or 11 MS Edge (Ver 77 or later)	<ul style="list-style-type: none"> • ALM client runs in IE/Edge compatibility mode • Requires installation permissions • For Edge support refer to this KB
 <small>ALM Explorer</small> <u>ALM Explorer</u>	Desktop application	<ul style="list-style-type: none"> • Requires installation permissions, runs in standalone mode • No dependency on Internet Explorer
 <u>Microsoft App-V</u>	Leveraging Microsoft's Application Virtualization service	<ul style="list-style-type: none"> • No need for permissions or installation • Runs in segregated mode, no changes to the OS • Easy to distribute and control in the organization
Lightweight Clients		
 <u>ALM WebRunner</u>	Pure Web interface for common ALM operations	<ul style="list-style-type: none"> • Allows to run tests (manual and automation) and report their status, manage defects and view dashboards from any browser. • Does not support workflow operations • Available from ALM 15
 <u>ALM Quality of Things (QoT)</u>	Supports iOS or Android tablets and Windows devices	<ul style="list-style-type: none"> • Lightweight client that allows online and offline manual test execution and defects submission • Recommended for tablet usage



Detailed Information

ALM Client Launcher

*Recommended

- A **fully functional** ALM Client which runs as a desktop application. The **recommended** way to work with ALM.
- No installation or Admin permissions are needed.
- Independent and standalone, no need for Internet Explorer to be used or even installed on the machine.
- Connects to ALM Server, downloads the client files, extracts and run them.
- Automatically detects server side upgrades and updates the Client files accordingly.
- No admin overhead - starting ALM 15.5 the Client files are automatically generated and packaged on the server during the installation\upgrade process.
- [Download](#) it now from our marketplace.

ALM-Client http:// :8080/qcbin

Application Lifecycle Management

Test Runs Edit View Analysis

Sort By: Exec Date[Descending]; Exec Time[Descending]

Run ID	Run Name	Test: Test Name	Configuration:...	Status	State	Duration	Ex
335537	Fast_Run_4...	ProjectView - Po...	ProjectView - Po...	Passed	0	15/04/	
335536	Fast_Run_4...	ProjectView - Po...	ProjectView - Po...	Passed	0	15/04/	
335535	Fast_Run_4...	ProjectView - Po...	ProjectView - Po...	Passed	0	15/04/	
335534	Fast_Run_4...	ProjectView - Po...	ProjectView - Po...	Passed	0	15/04/	
335533	Fast_Run_4...	ProjectView - Ne...	ProjectView - Ne...	Passed	0	15/04/	
335532	Fast_Run_4...	ProjectView - Ne...	ProjectView - Ne...	Passed	0	15/04/	
335531	Fast_Run_4...	Planning View ...	Planning View ...	Passed	0	15/04/	
335530	Fast_Run_4...	Planning View ...	Planning View ...	Passed	0	15/04/	
335529	Fast_Run_4...	Planning View ...	Planning View ...	Passed	0	15/04/	
335528	Fast_Run_4...	Planning View ...	Planning View ...	Passed	0	15/04/	

ALM Client Launcher 3.0

https://MyALM/qcbin GO

Settings

Open ALM Link by Client Launcher

Default Client File Download Path:
C:\Users\Micro Focus\ALM\Client Launcher 3

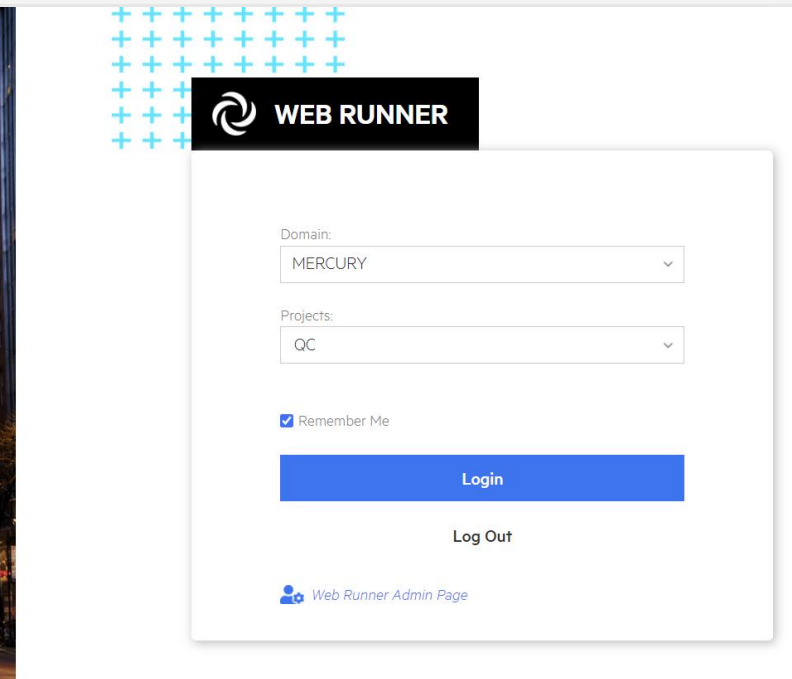
Go to Proxy Settings

SAVE

ALM WebRunner

A lightweight, web interface, focusing on the main usage flows and personas of ALM\QC

- WebRunner can be accessed from any browser.
- Not executing the ALM workflow but offers a simple set of rules to enforce your process.
- Same users, roles and permission as in ALM.
- Introduced in ALM 15.0 and enhanced in ALM 15.5 to include:
 - Manual test execution
 - Automated test execution
 - Defect management
 - Dashboard view
 - Dedicated Admin page and settings



WebRunner – Test Sets View

Test Instance	Status	Planned	Test Designer	Responsible Tester	Actions
[1]Departing Date	Failed		alice_alm	alice_alm	
[1]Returning Date	Not Completed		alice_alm	alice_alm	
[1]View Calendar	Failed		alice_alm	alice_alm	
[1]Service Class Preference	Passed		alice_alm	alice_alm	
[1]Flight Time Preference	Passed		alice_alm	alice_alm	
[1]Range of Dates	Failed		alice_alm	alice_alm	
[1]Passenger Name	Failed		alice_alm	alice_alm	
[1]Credit Card Number	Not Completed		alice_alm	alice_alm	
[1]Credit Card Expiration Date	Not Completed		alice_alm	alice_alm	

Browse, view and run all the manual tests stored in ALM

WebRunner – Test Execution

Root | Mercury Tours Web ... | Functionality And UI | Mercury Tours Func...

49: [1]Departing Date > RUN 419

Designed By: alice_alm | Last Run: 2018-11-03 16:22
Responsible Tester: alice_alm | Planned:

- Connect to Mercury Tours Site ✓
- Sign-On to Mercury Tours Application ✓
- Preparation** ▾
- Step 1: Past Departing Date ▾
- Step 2: Departing Date Today ▾
- Step 3: Future Departing Date ▾

Preparation

Description: Execute the Preparation step before you execute each step in the test.

1. Select one of the values from the Passengers list.
2. Select Departing From and Arriving In locations (selected items must be different).
3. Leave default values in all other fields.

Expected Results:

Actual Results:

Status: ✓ ✗ No Run ⋮

Execute manual tests in a clean and user friendly interface.

Trigger automation tests stored in ALM from the web.

DEFAULT > Demo

TEST SETS DEFECTS DASHBOARD

Root | BPT tests (Flight) | Flight Application (...)

Passed Failed Blocked N/A Not Completed No Run Run All Automation Tests

Test Instance	Status	Planned	Test Designer	Responsible Tester	Actions
[1]Create order	✓ Passed		alex_alm	sa	
[1]Open order	✓ Passed		alex_alm	sa	
[1]Update order	✓ Passed		alex_alm	sa	

WebRunner – Defects View

DEFAULT > Demo
TEST SETS DEFECTS

Refresh | Assigned to Me | Detected by Me | Favorites

Search_

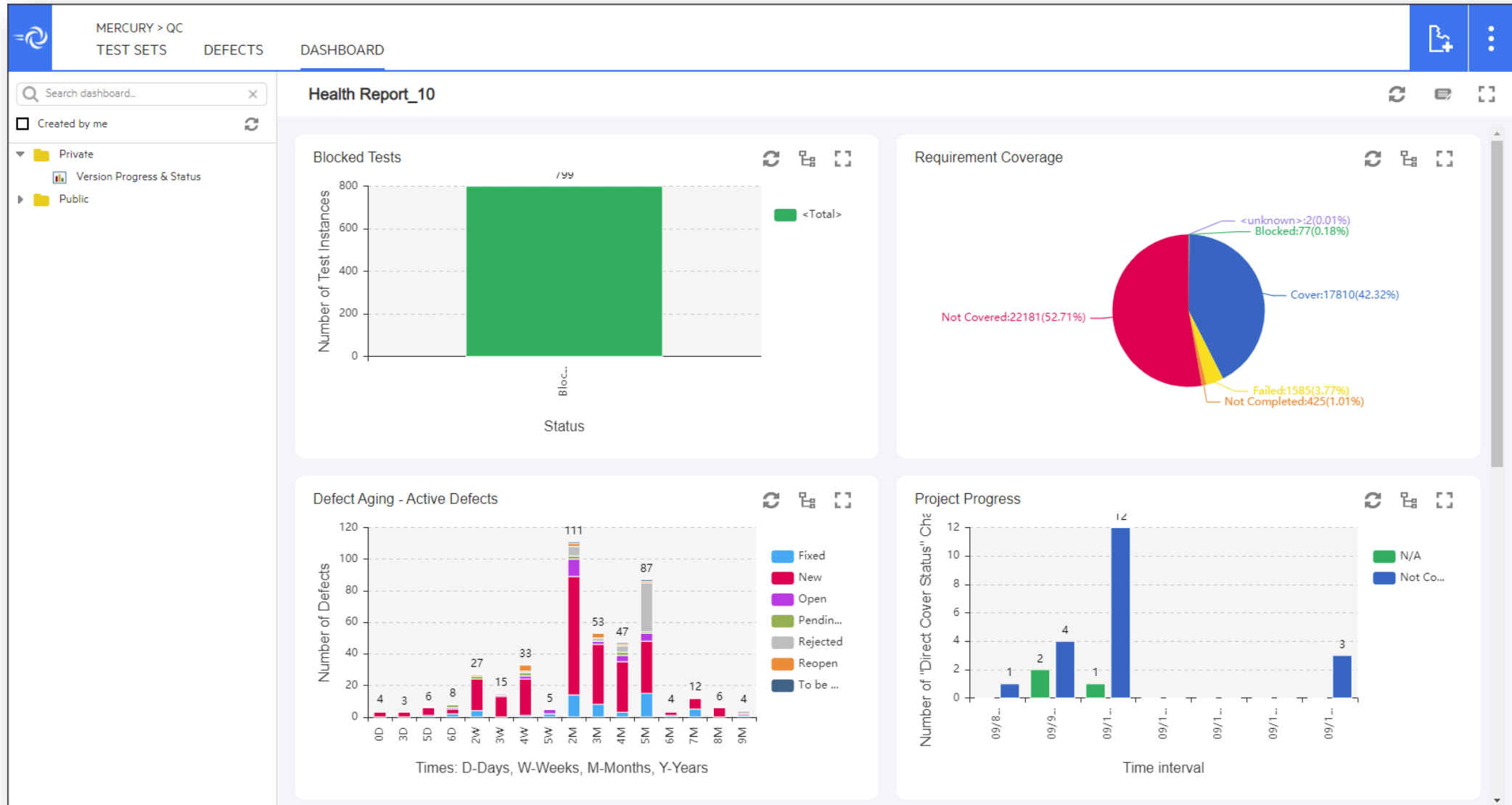
- Private
- Public
 - QA Bug Verification
 - QA Team Member - My Fixed and Rejected defects
 - R&D Team Member - Defects Assigned to Me

APPLY CLOSE

ID	Defect Summary	Detected on Date	Status	Target Release
88	The schedule Flight icon was not updated	2019-06-29	New	
87	The Aruba Icon was not replaced	2019-06-29	New	
86	The new icon was not implemented	2019-06-29	New	
85	bandages, antacids were removed from "Tour	2019-06-29	New	
84	Login Page: The User fields nad Password Fie	2019-06-29	New	
83	Rebranding: The version is not updated	2019-06-29	New	
82	The Date in not localized in the home page	2019-06-29	Open	
81	Wrong Rendering in Chrome	2019-06-29	Rejected	
79	could not sigh in with user "john"	2016-08-15	New	

See the favorites defined in ALM or use the out of the box filters for defects detected or assigned to you

Web Runner – Dashboard View



View the dashboards defined in ALM from any browser

Web Runner – Administration

Web Runner Admin

Select All

	Project Name	Web Runner Enabled	Defect Editing Enabled
<input type="checkbox"/>	CUSTOMER_PROJECT	<input type="button" value="Enable"/> <input type="button" value="Disable"/>	<input type="button" value="Enable"/> <input type="button" value="Disable"/>
<input type="checkbox"/>	sql_qa_1260	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	TDBank_Template	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	AUTO		
<input checked="" type="checkbox"/>	ALM_E2E22753947	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	ProjectTrack	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	DEFAULT		
<input type="checkbox"/>	chris	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	graphdemo	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	NON_FIST_UG_12_5		
<input type="checkbox"/>	oracle_sample_from_1255	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	sql_sample_from_1255	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	RODDY		
<input type="checkbox"/>	NON_FIST_UG_12_2		
<input type="checkbox"/>	PROJ_CREATETEST		
<input type="checkbox"/>	NON_FIST_UG_12_60		

Domain:

Projects:

Remember Me

[Web Runner Admin Page](#)

You can control WebRunner settings from a dedicated, web based, admin page.

WebRunner – Entity Customizations

Entity Settings - Defect (sets all users)

Save Restore Up Down Visible Remove

Field Name	Visible	Required	Default Value	Assigned List	Application Rule	Ready to Apply <input checked="" type="checkbox"/>
Detected By	<input type="checkbox"/>	<input type="checkbox"/>	[Current User]		Enforced	<input checked="" type="checkbox"/>
Detected on Date	<input type="checkbox"/>	<input type="checkbox"/>	[Current Date]		Enforced	<input checked="" type="checkbox"/>
Severity	<input type="checkbox"/>	<input type="checkbox"/>	--Select--	Severity	Enforced	<input checked="" type="checkbox"/>
Summary	<input type="checkbox"/>	<input type="checkbox"/>			Enforced	<input checked="" type="checkbox"/>
Status	<input type="checkbox"/>	<input checked="" type="checkbox"/>	New	Bug Status	Enforced	<input checked="" type="checkbox"/>
Description	<input type="checkbox"/>	<input type="checkbox"/>			Recommended	<input checked="" type="checkbox"/>

NOT VISIBLE

Defect

Run

Entity Settings

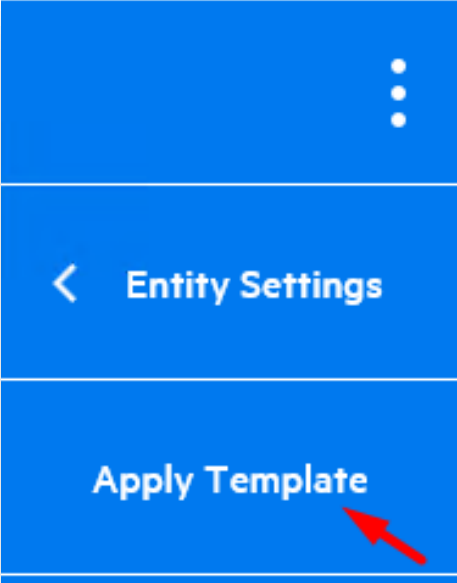
About

Close Project

Customize your form, choose fields to be displayed and their order, specify mandatory fields and assign default values as needed.

lists and fields are the same as in ALM, no need to configure them separately.

WebRunner – Cross Project Customization



Apply Template Settings

Select projects to apply template settings to.
Note: Projects with Web Runner disabled are not listed.

Please enter project name...

Project Name	Active
▼ [x] DEFAULT	
[x] demo	✓

Show only active projects Select All

SELECT BY IMPORTING EXPORT SELECTED

1 project selected.

APPLY CLOSE

Apply Template Settings

There are 2 linked active project(s), your template settings will be applied to all of them.

100%

1 Failed Project

APPLY CLOSE

When ready apply settings to linked projects

**ALM edition only*

ALM Quality of Things (QoT)

Online\Offline Manual Test Application



Quality of Things (QoT)

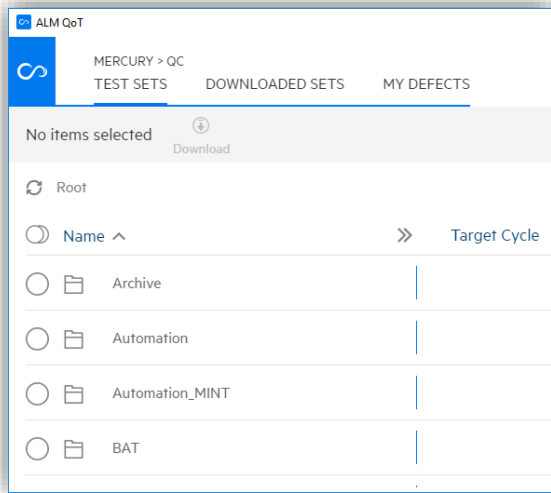
Test your Appliances, Devices, Infrastructure - anyTHING!

- The Quality of Things application helps you to execute and track manual tests conducted online or offline.
- In most cases today offline tests are managed and tracked by simple documents or Excel files with no context or traceability.
- With QoT you can execute tests while offline and sync back the results to ALM once you are connected to the network.
- QoT is supported with Apple or Android tablets and with any Windows device.
- QoT can be downloaded from [Microfocus Marketplace](#) (Windows) or from Google Play (Android) and Apple App Store (iOS)*

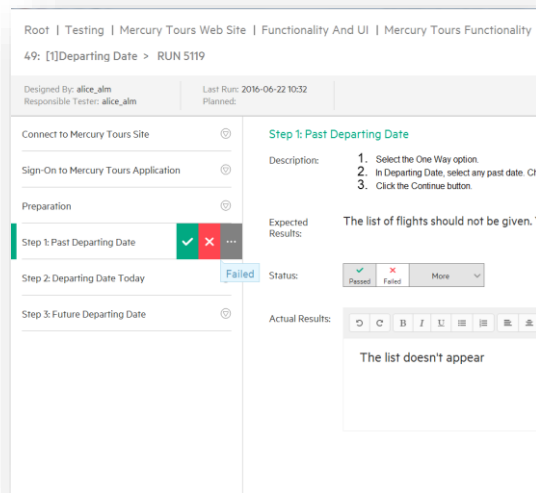


** Make sure you are accessing the app stores from a tablet to insure you can find the application*

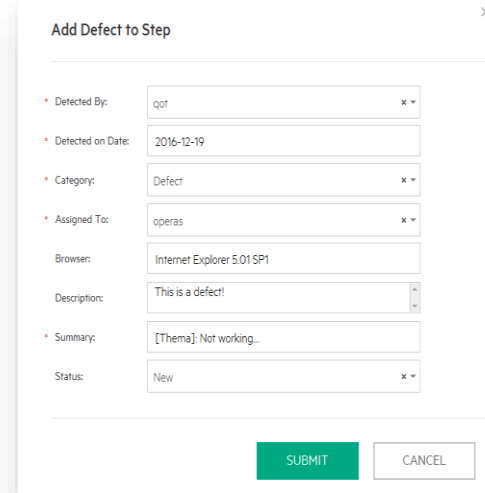
ALM QoT Flow



Browse ALM Test Lab
Download tests for
offline execution



Execute manual tests
Online or **Offline**
from your device



Submit defects
Online or **Offline**

The screenshot shows a table of test results. The table has columns for Run ID, Run Name, Test: Test Name, Configuration..., Status, State, and Duration. The table contains 7 records. The status of the runs is: Failed, Blocked, Failed, Not Completed, Passed, and Failed.

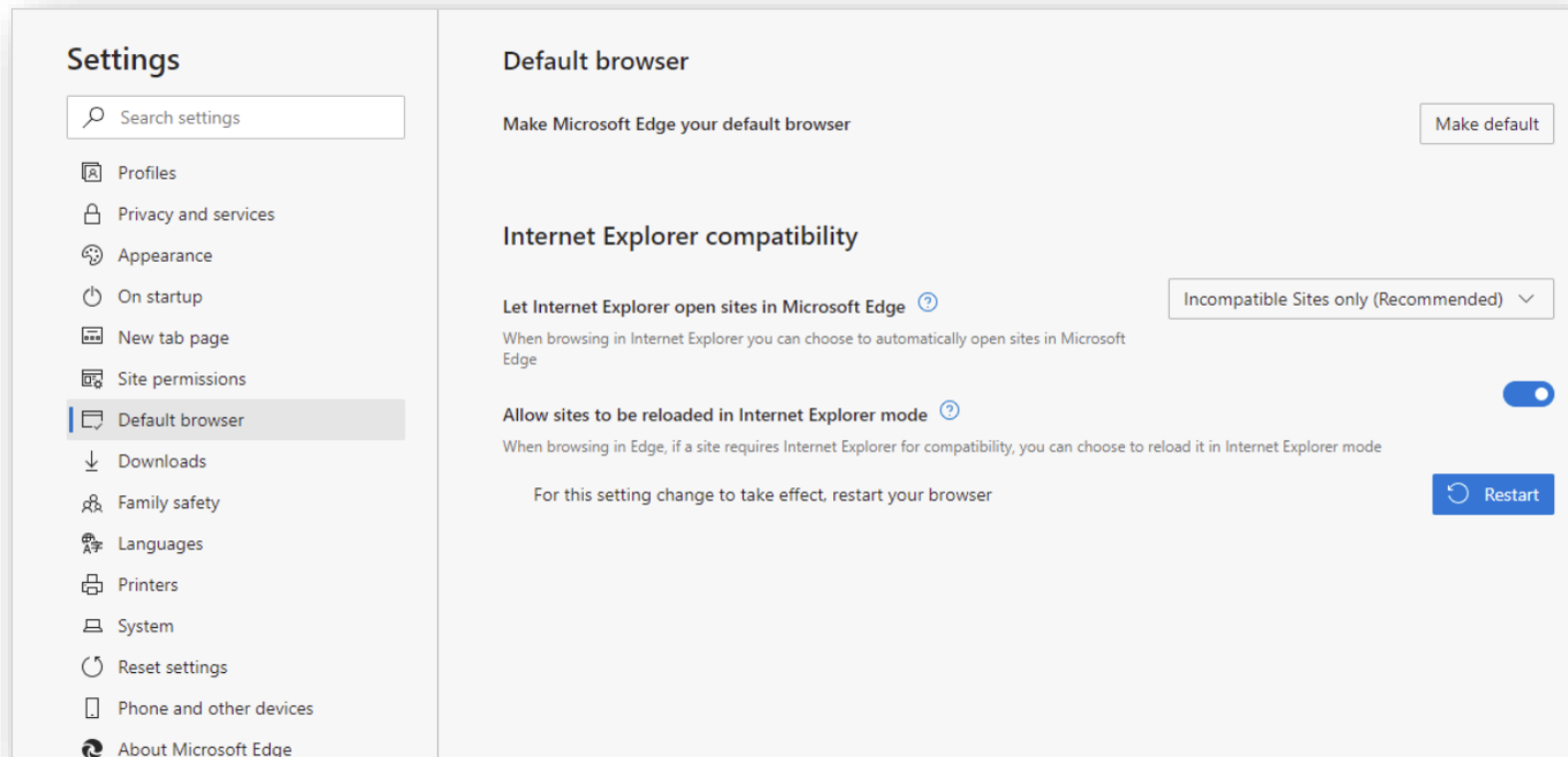
Run ID	Run Name	Test: Test Name	Configuration...	Status	State	Duration
3317	QoT_5-4_16-51-14	Departing Date	Departing Date	Failed		5
2397	QoT_3-29_15-2-28	Departing Date	Departing Date	Blocked		33
2395	QoT_3-29_15-2-28	Departing Date	Departing Date	Failed		40
2395	QoT_3-29_15-2-28	Departing Date	Departing Date	Not Completed		6
2394	QoT_3-29_15-2-28	Departing Date	Departing Date	Passed		44
4214	QoT_Onl_5-11_15-42-38	Departing Date	Departing Date	Failed		358

Sync the results to
ALM when you go
online

Microsoft Edge

ALM is supported with Microsoft Edge when using Internet Explorer Compatibility mode. To enable this mode go to Edge setting under default browser and enable it.

For more details see: <https://softwaresupport.softwaregrp.com/doc/KM03638120>



ALM Explorer Add-In

ALM Explorer continues to be supported although we recommend using the Client Launcher which offers improved functionality and more convenient deployment options.

You can get the ALM Explorer from our [marketplace](#).



ALM Explorer



ALM Explorer Add-In

Micro Focus MICRO FOCUS COMMUNITY ⓘ | FREE

ALM Explorer Add-In enables you to use ALM without using Microsoft Internet Explorer

Microsoft Application Virtualization

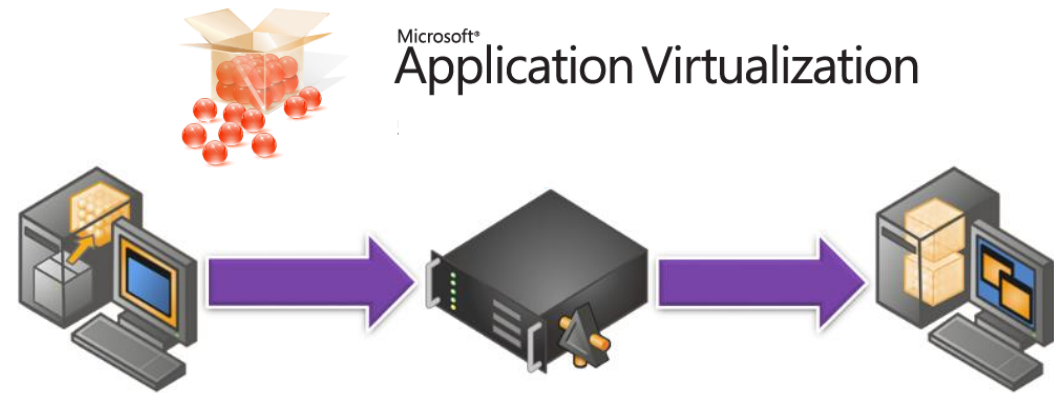
(MS App-V)

If your organization is taking advantage of Microsoft Application virtualization service you can use it to deploy ALM Client as well.

When using this method you can deploy the clients with no need for Internet Explorer or installation and you can control and track the access to the software.

For more info:

<https://softwaresupport.softwaregrp.com/doc/cust/KM03280240>



The screenshot shows the Microsoft Application Virtualization console interface. The title bar reads "Microsoft Application Virtualization". The main content area displays the configuration for the "ALM Client 12.55 GA" package. The left sidebar contains navigation options: PACKAGES, CONNECTION GROUPS, SERVERS, and ADMIN. The main content area is divided into two sections: "Package Information" and "Applications".

ALM Client 12.55 GA	
Name	ALM Client 12.55 GA
Version	0.0.0.1
Status	Published
Last Modified	12/11/2017 10:24:24 AM
Package Description	
Package URL	\\SHCAPPSVM04\ALMClient\temp\alm client 12.55\ALM Client 12.55 GA.appv
Applications	
alm - Shortcut	
HPE Micro Player	
HPE ALM	
AD Access	
	HPESWLAB\Domain Users



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