CA Agile Central (Rally) Integration with HP ALM/QC

In an Application Lifecycle Management (ALM) ecosystem, the choice of systems and the collaboration between the cross-functional teams play a great role. While the choice of systems impacts the productivity of a team, the cross-functional collaboration helps the teams get complete context of the business requirements. Best-of-breed systems such as RALLY and HP ALM/QC bring rich functionalities to the ecosystem. Integration of RALLY with HP ALM/QC ensures that the development and QA teams are on the same page when it comes to delivery timelines and have complete visibility into each other's tasks.

Integration overview

The integration of RALLY and HP ALM/QC helps in bringing the product development and Quality Assurance (QA) team on the same page. As both the teams have visibility into each other's task and complete context of customer expectations, the quality of product is better, and the delivery cycle is shorter.

Best-of-breed systems such as RALLY and HP ALM/QC bring rich functionalities to the ecosystem. Integration of RALLY with HP ALM/QC ensures that the development and QA teams are on the same page when it comes to delivery timelines and have complete visibility into each other's tasks.

## How RALLY - HP ALM/QC integration is beneficial for an enterprise

- Access to QA plans and defects in real time

- Real-time updates on the status of a story, its estimated time of delivery, and any risks that might delay the impending release

- Complete context of the customer requirement and visibility into codes written by the development team & test cases written by QA team

- Coordinate on the delivery timelines seamlessly with concurrent updates on changes

With RALLY + HP ALM/QC integration, enterprises can:

- Make better and faster decisions
- Enhance collaboration between development and QA teams
- Real time visibility into quality parameters & test results
- Ensure quality delivery in stipulated time
- Leverage the best of functionality and collaboration in the delivery ecosystem

How OpsHub Integration Manager integrates RALLY and HP ALM/QC

OpsHub Integration Manager integrates RALLY and HP ALM/QC in a bidirectional manner. It ensures that all historical and current data is available to each user, in that user's preferred system, with full context, in real-time. All 'requirements' from RALLY automatically synchronize to HP ALM/QC where they are broken down to 'stories'. The completion of the story and the status of test results against it automatically synchronizes to RALLY.
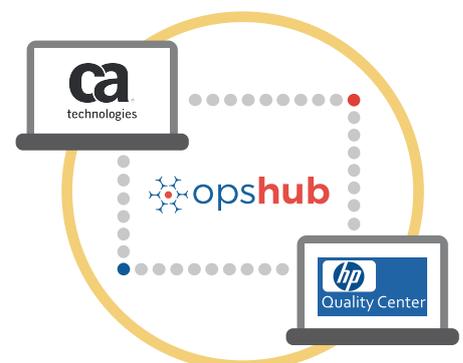
Commonly synchronized entities between RALLY and HP ALM/QC

The popularly synchronized entities between RALLY and HP ALM/QC are shown on the left:

Requirement — Story
Bug — Defects
Test Case — Test Case
Area/Iteration — Release

Benefits of integration for RALLY and HP ALM/QC users

RALLY users	HP ALM/QC users
No duplication of efforts for entering the same data in multiple systems	Real-time updates on the story and associated changes/enhancements
Clear visibility into quality parameters, QA schedule, test cases, and test results	Access to the business requirements, development status, and associated updates from within HP ALM/QC
Seamless coordination on iteration start and end date	Seamless coordination on iteration start and end date

Features of OpsHub Integration Manager

Unidirectional as well as bi-directional synchronization

Full history and audit trail for integrated systems

Complete traceability of work items as well as non-work items

Robust failure management and recovery mechanism

Pre-requisites to run OpsHub Integration Manager

Supported Operating Systems	Database Prerequisites
Windows • Windows Server 2012 R2 • Windows Server 2012 • Windows Server 2008 R2 (64 bit) **Linux** • RHEL 5.2 + (64 bit) • RHEL includes Cent OS and Fedora **Tested on the following versions:** • CentOS release 5.5 (Final) • CentOS release 5.6 (Final) • CentOS Linux release 7.1.1503 (Core) • Fedora 20	The underlying database should be installed to install and run OpsHub Integration Manager. The database user created for OpsHub Integration Manager should have schema level and read write privileges. • MySQL Server • MS SQL • Oracle • HSQLDB