

## HP ALM/QC Integration with JIRA

The integration of HP ALM/QC with JIRA makes it easier for the development, and quality assurance (QA) teams to collaborate with each other.

This, in turn, helps in delivering a high quality product to customers at a faster pace.

### Integration overview

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 HP ALM/QC and JIRA bring rich functionalities to the ecosystem. By integrating HP ALM/QC and JIRA, enterprises can seamlessly manage the product development. The developers using JIRA will have clear visibility into the quality parameters and test results at all times. On the other hand, the QA team members will have real-time visibility into the codes being written and have full context of the development.

### How HP ALM/QC - JIRA 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 HP ALM/QC + JIRA integration, enterprises can:

- Make better and faster decisions
- Enhance collaboration between development & 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 HP ALM/QC and JIRA

OpsHub Integration Manager integrates HP ALM/QC and JIRA bi-directionally. 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 'stories' from JIRA synchronize to HP ALM/QC along with the scheduled dates and all 'defects' found on the story during test in HP ALM/QC synchronize to JIRA. The development and QC teams are updated on the completion of the story and the status of test results in real time.



### Entities that can be synchronized between HP ALM/QC and JIRA

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

## Benefits of integration for HP ALM/QC and JIRA users

HP ALM/QC users	JIRA users
Real-time updates on the story and associated changes/enhancements	No duplication of efforts for entering the same data in multiple systems
Access to the business requirements, development status, and associated updates from within HP ALM/QC	Clear visibility into quality parameters and test results in real time
No manual efforts needed to keep backend teams updated on the QA cycle and reports	No dependency on manual communication for making business decisions

## Features of OpsHub Integration Manager



Supports unidirectional as well as bi-directional synchronization between 50+ systems



Maintains complete history and audit trail among integrated systems



Allows traceability between code to requirement, tickets to defects, and many other entities



Provides a robust failure management and recovery mechanism

## Pre-requisites to run OpsHub Integration Manager

### Supported Operating Systems

#### 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

### Database Prerequisites

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