opshub

DATASHEET

HP ALM/QC Integration with TFS

The integration of HP ALM/QC and TFS 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.

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 TFS bring rich functionalities to the ecosystem. Integration of HP ALM/QC with TFS 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 HP ALM/QC - TFS integration is beneficial for an enterprise

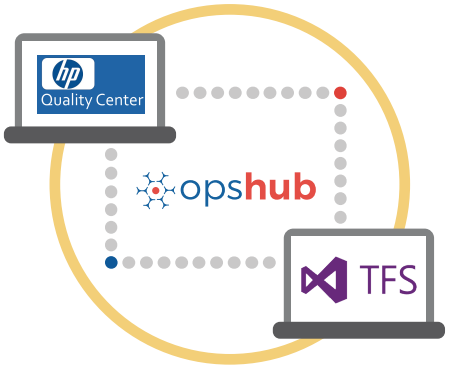
- Access to QA plans and defects in real time
- Real-time updates on the status of a story, its estimated time of delivery, and any risks that might delay the impending release
- Complete context of the customer requirement and visibility into codes written by the development team & test cases written by QA team
- Coordinate on the delivery timelines seamlessly with concurrent updates on changes

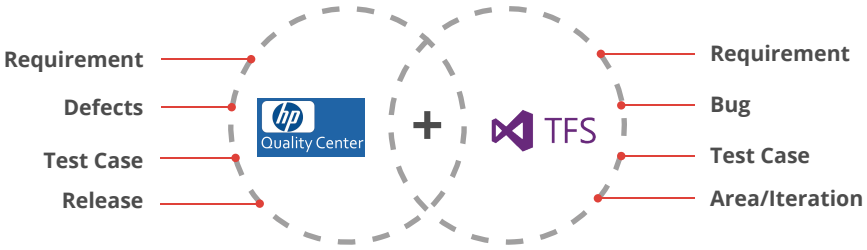
With HP ALM/QC + TFS integration, enterprises can:

- 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 HP ALM/QC and TFS

OpsHub Integration Manager integrates HP ALM/QC and TFS 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 'user stories' from TFS automatically synchronize to HP ALM/QC. The completion of the story and the status of test results in HP ALM/QC against these user stories automatically synchronizes to TFS.





Entities that can be synchronized between HP ALM/QC and TFS

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

Benefits of integration for HP ALM/QC and TFS users

HP ALM/QC users	TFS 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, QA schedule, test cases, and test results
No manual efforts needed to keep backend teams updated on the QA cycle and reports	No dependency on manual communication for making 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

Can be hosted by OpsHub, installed on-premise, or deployed in a customer cloud

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