Mastering major CSDE upgrade

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13/12/2017

Summary

Title: CSDE Facility Upgrade

Duration: 2 months

Prime: IT Consulting Group B.V.

Objectives:

- major upgrade of the CSDE facility: architecture, operating systems, application software in order to cover security risks and add new functionality

- preparation to the cloud migration (special attention put on efficient fully-automated deployment)

CSDE: Purpose

ESA/ESTEC Collaborative Software Development Environment (CSDE) is a platform enabling people to work together collectively on software development while located remotely from each other.

CSDE provides tools for requirements engineering, for issue tracking and team planning, for content management, for source code management, version control and code reviews. Automated testing and test reviews support is also supported.

European Space Agency

CSDE: Tools

CSDE facility provides the following tools:

- Atlassian JIRA (issue tracking)
- Atlassian Confluence (enterprise wiki)
- Atlassian FishEye (source code management)
- Atlassian Crucible (source code review)
- GIT (version control)
- Subversion (version control)
- IBM Rational DOORS (requirements management)
- Jenkins (automated testing/continuous integration)
- Nexus (repository management)
- ownCloud (data exchange)
- Drupal (content management system)