

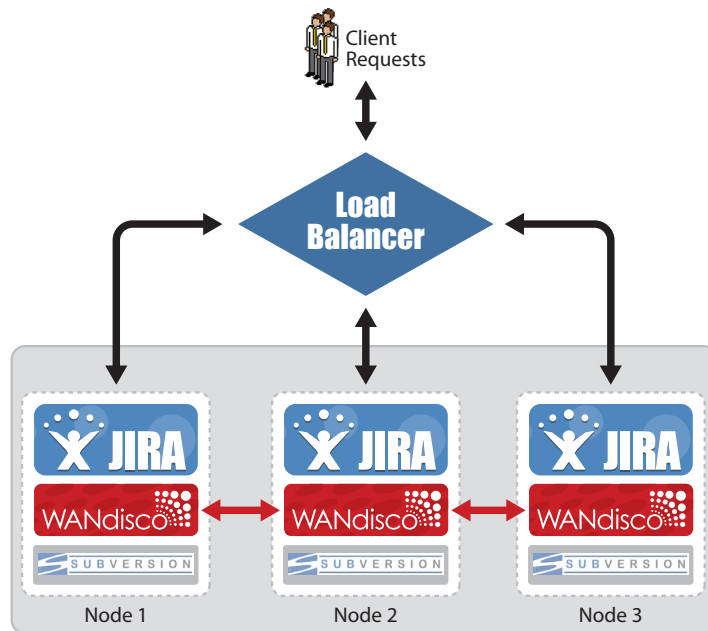


# JIRA Clustering

Because you've got lots of issues.

Replicated By  
**WANdisco**

JIRA Clustering applies WANdisco's active-active replication technology to bring enterprise class scalability and reliability to JIRA's flexible and easy to use bug tracking, issue tracking, and project management solution. With JIRA Clustering, a central JIRA server is no longer a performance bottleneck.



## JIRA Clustering:

- Provides clustering over a LAN to dynamically balance workload across multiple JIRA servers at a single location.
- Has no single point of failure whatsoever. JIRA Clustering's approach is truly shared nothing. There is no sharing of disk, CPU, or memory between servers with JIRA Clustering.
- Does not rely on a single shared database. Each server in the cluster has its own independent database replica that is kept in sync with all of the others by WANdisco's active-active replication technology.
- Provides failover and automated disaster recovery to insure business continuity, without any reliance on third party disk mirroring solutions.
- Can be implemented standalone or in conjunction with WANdisco's clustering solutions for Subversion and CVS to provide a complete, highly reliable and scalable application lifecycle management solution stack.

## What is JIRA?

JIRA is a bug tracking, issue tracking and project management solution that has rapidly become a market leader in the application lifecycle management (ALM) space. JIRA's ease of use, ease of deployment, and full feature set have garnered it more than 6000 customers worldwide, including many of the Global Fortune 1000.

## What is JIRA Clustering?

JIRA Clustering combines JIRA's flexible and easy to use bug tracking, issue tracking, and project management solution with WANdisco's active-active replication technology, to turn a central JIRA server implementation into a highly scalable and reliable enterprise-class application lifecycle management solution that even the largest globally distributed IT organizations can rely upon. JIRA Clustering supports clustering over a LAN, without any single point of failure. JIRA Clustering also provides failover and self-healing capabilities that automate disaster recovery without any administrator intervention, or dependencies on third party disk mirroring solutions.

## JIRA Awards



# Features You Get With JIRA Clustering



## Immediate Visibility to Organize, Track and Manage

JIRA's intuitive Eclipse dashboard provides immediate visibility into individual issue and overall project status. Project managers can see the actual time required to complete a task, or resolve an issue down to the minute. The entire history of any deliverable can be tracked at any point in time throughout the development lifecycle.



## Issue Creation

Create tasks, bug reports, enhancement requests, support tickets, and issues. Anything entered into any server in a JIRA Cluster, is immediately replicated to other JIRA servers in the cluster. Attach files and screenshots to issues entered in JIRA, and they're immediately replicated to the other servers in the cluster as well.



## Workflow

JIRA's approval-based workflow consistently enforces adherence to development procedures across all servers in the cluster. Project managers can control when development artifacts such as source code, project documents, bug fixes, and enhancement requests are released to the next phase of development, as well as who can make changes during each phase. Email alerts and RSS feeds can be configured to notify users of any changes in status that effect them.



## Access Control

Fine-grained role based access control at the individual user and project team levels can be defined. Once access control is configured, it's replicated to all servers in the cluster, as are any future changes.



## Extensibility and Integration

Using JIRA's APIs and plugin architecture, you can add new functionality, manipulate data and integrate JIRA with legacy applications and version control systems such as Subversion, CVS, Perforce, ClearCase, Visual Source Safe and others. JIRA's also Web service enabled for programmatic control with external applications using SOAP, XML-RPC and REST interfaces.



## Disaster Recovery & Business Continuity

When one of the JIRA servers in a cluster fails, developers can continue working. When the server comes back online, recovery happens automatically, without any administrator intervention. This ensures zero loss of data, and no lost development time.



## Easy Installation and Administration

JIRA Clustering is low maintenance, and easy to install and administer. Replication is automatic, and transactional consistency is guaranteed across all JIRA servers in a cluster. Self-healing capabilities automate recovery after a network outage or server crash.



## System Requirements for JIRA Clustering

JIRA Clustering runs with just about any database and is web-based, so it can be accessed anytime from anywhere. A J2SE 1.5 or above compliant Java runtime environment is required in the server environment where JIRA Clustering is installed. Linux, Unix and Windows operating systems are supported.

*"I found that WANdisco provides unique features that address the challenges of globally distributed development in ways no other solution can"*

Patrick Egan  
Editor in Chief  
CMC Media

## About WANdisco

WANdisco is a leading provider of distributed software development solutions. By using WANdisco's totally unique replication technology, software development can now occur anywhere without any constraints. Fortune Global 1000 companies such as AT&T, Honda, NTT and Motorola rely on WANdisco's suite of source code management solutions for Subversion and CVS. Visit <http://www.wandisco.com>

**JIRA Clustering is sold exclusively by WANdisco.**

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