

# Atlassian Data Center

## Scale your mission-critical Atlassian applications



Data Center products are designed for enterprise organizations that need Atlassian products to perform well at scale, with minimum downtime for their users. Unlike Server products, Data Center products can be set up in a multi-node environment, which has a number of benefits:

- Reduced application downtime and uninterrupted user access to Atlassian products
- Consistent performance as you scale
- Scaling options that fit complex infrastructures

### ATLASSIAN DATA CENTER DELIVERS

#### High availability

Active-active clustering minimizes downtime from unexpected hardware or other single points of failure, leading to uninterrupted team performance and productivity.

#### Performance at scale

Load-balancing increases concurrent user capacity with each Data Center node. Distribute load for increased throughput and a consistent user experience even at high load.

#### Disaster recovery

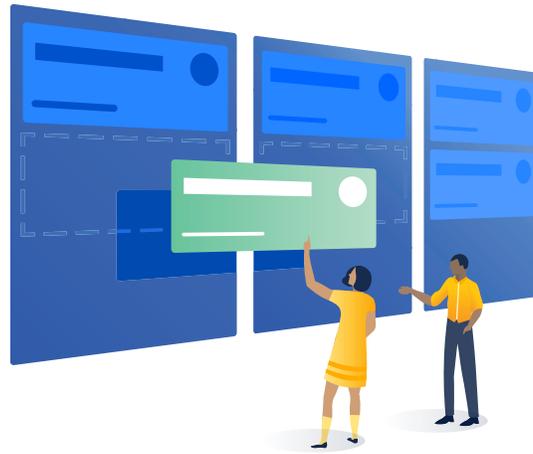
An offsite Disaster Recovery system delivers business continuity even in the event of a complete system outage. Get back up and running quickly with shared application indexes.

#### Authentication and control

Integration with large identity providers delivers simpler, more secure single sign-on (SSO) for your users. Choose from a large list of popular identity providers, including Okta, OneLogin, Azure, and Active Directory (ADFS), Bitium and PingOne.

#### Deployment flexibility

Data Center deployments on Amazon Web Services (AWS) and Microsoft Azure minimize infrastructure configurations and costs. Deploy your entire Data Center cluster in a matter of minutes. Leverage elastic capabilities to automatically scale for growing demand.



### DATA CENTER

If one node in the **application cluster** fails, your Atlassian application is still **available** to users.

### Load balancer cluster

Multiple load balancers distribute requests from users to Atlassian application nodes. If a cluster node goes down, the load balancer immediately detects the failure and automatically directs requests to the other nodes.

### Atlassian application cluster

An Atlassian application cluster consists of multiple Atlassian application nodes that are configured to use the same database and file system. Failure of a node causes no loss of availability for users, because requests are immediately directed to other nodes. All nodes are active and process requests.

### File system & database

A file system stores a shared home directory that is writable by the Atlassian application cluster. By implementing failover strategies, you can reduce the risk of your database or file system becoming a single point of failure.

