Atlassian Crowd Data Center

Atlassian Crowd offers access and identity management for Atlassian applications. It integrates with Active Directory (or other LDAP systems) and provides single sign-on functionality across multiple Atlassian applications – meaning that users only have to log in once to access all their Atlassian applications. This allows you to integrate your Atlassian Data Center products, such as Jira and Confluence. As with other Atlassian Data Center applications, Crowd Data Center offers enterprise grade scalability and high availability.

Crowd Data Center can be deployed across multiple servers in your data center or with a cloud infrastructure provider such as Amazon Web Services (AWS), Azure or Google Cloud Platform (GCP). Crowd Data Center starts at $4,500 for up to 500 users. It provides authentication at enterprise scale and with enterprise resilience. It can also be used with applications beyond your firewall (for example the Google Apps for Crowd integration, enabling users to authenticate themselves using their Google Apps passwords).

If your organisation has deployed Atlassian Data Center products such as Jira Data Center, and Confluence Data Center, Atlassian Crowd Data Center is for you. It prevents authentication becoming the weak link in your highly available infrastructure. Without it, the failure of the single Crowd server would disable not only Crowd, but every application to which Crowd controls the access.

Features and benefits

Atlassian Crowd Data Center offers a number of key benefits.

Single sign-on. Crowd's core benefit makes logging on to multiple applications simple and straightforward. One username, one password – and instant access to Jira, Bitbucket, Confluence, and any other Atlassian products your organisation uses.

Managing users from multiple directories – in one place. Control application authentication for users from Active Directory, LDAP, OpenLDAP, or Microsoft Azure from a single location.

Centralising multiple directories. Any combination of directories can be mapped within a single application – making it easy to manage users and authentication permissions beyond your main directory. You can also use connectors for Active Directory, LDAP, OpenLDAP and Microsoft Azure – and create your own custom connectors.

High availability. Atlassian Data Center uses active-active clustering, (i.e. deployment across multiple servers, to ensure that server outages have no impact on Crowd performance and accessibility – or any other Atlassian product you've deployed).

Auto-scaling: Crowd Data Center can be deployed such that additional application servers are spun up or shut down in line with fluctuating demand, thus ensuring good performance even at peak load, while removing excess capacity, and saving on cost, when demand is low.

Directory failover. With multiple failover directories, you can minimise the impact on your team's login experience should an external directory fail.

Integration flexibility. When you deploy Crowd in Atlassian Data Center, you gain access to a range of native integration options that can easily integrate with your current identity infrastructure.

Why Automation Consultants?

Automation Consultants is an Enterprise level Platinum Solution Partner. If you are looking to implement Crowd and deploy it in your data center environment, AC can offer bespoke solutions and advice.

With years of experience and expertise across the software lifecycle, we can assist with setup, implementation, and maintenance; migration services for Atlassian instances; and application configuration for your most essential integrations. We can also supply and deploy every Atlassian Data Center product including Crowd Data Center, Jira Data Center, Jira Service Desk Data Center, Confluence Data Center, Bitbucket Data Center, and other deployments.

To discuss Crowd for your Atlassian Data Center deployment, [contact one of our specialists](#) for advice.