Compare Atlassian Cloud and Data Center

Cloud and Data Center at a glance

Server support ended in early 2024. Act now – unsupported software puts your org at risk. Remaining on Server is not recommended. Avoid costly data breaches and security risks. Unsupported licenses no longer have access to tech support, security updates, and bug fixes. Let's explore Cloud and Data Center.

Cloud `Recommended`

We offer Atlassian products as always-on, continuously updated, highly secure services, doing the heavy lifting so you can focus on your business priorities. Our SaaS products are built on best-in-class cloud technologies, providing you with a scalable, secure, reliable, and performant offering. With one underlying Cloud platform, you'll also have more connected experiences across Atlassian products and leading third-party SaaS tools, making it easier and faster for teams to get work done.

- ☑ Built-in security, privacy, compliance, and reliability
- ☑ Reduced operational, IT maintenance, and hardware costs
- ☑ Better collaboration and innovation from the latest features and functionality
- ☑ Flexible pricing plans to meet your teams' size and budget cycles, from Free to Enterprise
- ☑ Vast majority of Atlassian's R&D investment

When to consider cloud

Cloud products are the best fit for most organizations. Choose Cloud to:

- Eliminate manual upgrades and software maintenance, reducing your total cost of ownership
- Benefit from real-time security updates, and a team of Atlassian experts working around the clock to keep your data secure
- Enable globally distributed teamwork with products that can be accessed securely from any browser and mobile apps, and don't require VPN
- Accelerate digital transformation and enable business agility with continuous functionality improvements

Data Center

You host Atlassian's products on your own infrastructure or through cloud providers like AWS and Azure. This allows you to keep your data within your network, if you're mandated to do so. Hosting on your own infrastructure requires necessary internal resources and technical expertise to effectively implement, run, and maintain Atlassian software yourself.

- ☑ Robust admin controls to help you maintain high performance, security, and compliance in a self-managed environment
- ☑ Can be deployed as a single node or clustered, on your own physical hardware or IaaS
- ☑ Cleanup features to help you optimize the data you want to bring to Cloud in the future

When to consider data center

If you have a business requirement that prevents you from moving to Cloud and is not planned to be delivered on our Cloud roadmap before then, we recommend moving to Data Center. Data Center will continue to be a performant and reliable offering to support your growth with Atlassian.

Choose Data Center if:

- Your product must comply with a regulatory standard that's not on our Cloud roadmap
- Your product data is mandated to remain in a self-managed environment

Products

Our flagship products below are available for both Cloud and Data Center. Cloud offers a growing suite of additional products for incident management, task tracking, collaboration, and more.

Some apps that were once available from the Marketplace are now native features of our Cloud or Data Center products.

Compare cloud and data center product features
Explore how Cloud and Data Center measure up feature-by-feature for your team's key products.

Jira
🔷 Jira

Jira Service Management
⚡ Jira Service Management

Confluence
✖ Confluence

Bitbucket
ᗡ Bitbucket

	Cloud	Data Center
Jira	✔ Jira	✔ Jira Software
	✔ Jira Service Management	✔ Jira Service Management
	✔ Jira Align	✔ Jira Align
	✔ Jira Product Discovery	⦸ Jira Product Discovery
	✔ Statuspage	⦸ Statuspage
	✔ Opsgenie	⦸ Opsgenie
	✔ Halp	⦸ Halp
Collaborate	✔ Confluence	✔ Confluence
	✔ Trello	⦸ Trello

	Cloud	Data Center
Code, build and ship	✔ Bitbucket	✔ Bitbucket
	✔ Sourcetree	✔ Sourcetree
	⊘ Bamboo Bitbucket Pipelines included with Bitbucket Cloud	✔ Bamboo
	⊘ Fisheye	⊘ Fisheye SERVER ONLY
	⊘ Crucible	⊘ Crucible SERVER ONLY
Security and identity	✔ Atlassian Guard	⊘ Atlassian Guard
	⊘ Crowd	✔ Crowd
Atlassian apps	✔ Atlassian Analytics and Data Lake Included with Jira, Jira Service Management, and Confluence Enterprise plans	⊘ Atlassian Analytics and Data Lake
	✔ Advanced planning (Plans) Included with Jira Premium and Enterprise	✔ Advanced planning (Plans) Included with Jira Software Data Center 8.15+
	✔ Questions for Confluence	✔ Questions for Confluence
	✔ Team Calendars for Confluence Included with Confluence Premium and Enterprise plans	✔ Team Calendars for Confluence Included with Confluence Data Center 7.11+
	✔ Analytics for Confluence Included with Confluence Premium and Enterprise plans	✔ Analytics for Confluence Included with Confluence Data Center 7.11+

Migration process and support

Your migration pathway will be different depending on whether you're moving to Cloud or Data Center, and the migration strategy you choose.

	Cloud	Data Center
Migration process	Your journey from Server to Cloud will depend on a few factors: the products and apps you want to migrate, the size and complexity of your data, as well as your budget and time frame. In general, enterprise migrations require more time and planning, whereas smaller migrations can be fast and simple.	The complexity of a Data Center migration depends on your choice of architecture and infrastructure, and your overall migration goals. ▪ Migrating to a non-clustered Data Center deployment is simple – since your underlying infrastructure doesn't change, you just need to upgrade your product license, as well as any app licenses. ▪ Migrating to a clustered Data Center deployment (needed for high availability) requires additional infrastructure, and a more complex deployment topology. Additional costs and planning are required. ▪ Migrating from physical hardware to Data Center on a cloud service such as AWS or Azure, or moving to an orchestrated deployment using Kubernetes or Docker, takes more time and planning, similar to the effort required for a cloud migration.
Atlassian support available	Our team offers varying levels of support throughout your journey, depending on the size and complexity of your migration. We also provide free tools and resources to make your move as smooth as possible: ▪ Cloud Migration Trial: a free Cloud trial that matches both the duration and user tier of your self-managed license to help you evaluate and migrate to Cloud over time. ▪ Cloud Migration Assistants: free Marketplace apps for Jira, Confluence, and Bitbucket to help assess your apps, and migrate your product data and users to Cloud through an easy, guided user interface. A Cloud Migration Assistant for Jira Service Management will be available soon.	The complexity of a Data Center migration depends on your choice of architecture and infrastructure, and your overall migration goals. ▪ Priority Support (Jira Software, Jira Service Management, Confluence, and Crowd Data Center, as well as Bitbucket Data Center for customers with 251 or more users) ▪ As a new Data Center customer, you may be entitled to support from a Customer Success Manager as an ongoing resource throughout your first year. ▪ Guides: step-by-step guides to walk you through the migration process.

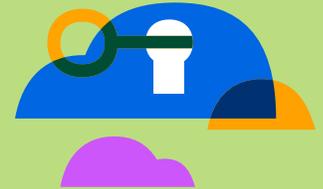|	Cloud	Data Center
Atlassian support available	▪ Guides: step-by-step guides to walk you through the migration process. ▪ Atlassian's migration team: Cloud Migration Managers and Support Engineers are available to resolve technical issues and provide varying levels of planning and guidance depending on your size and complexity. If you're migrating over 1,000 users, we offer additional support to help you plan your move.	

Pricing and billing

We offer different Cloud plans to suit teams of all sizes, from startups to enterprises, with features and support levels to match. You can choose to pay annually by user tier, or monthly on a per-user basis, which means you're only charged for people using the tools.

	Cloud	Data Center
Product plans	Multiple plans (Free, Standard, Premium, and Enterprise)	Single plan
Billing and invoicing	Monthly or annual subscription	Annual subscription
Pricing structure	Per-user (monthly) or tiered (annual) Centralized per-user licensing, allowing users access to all enterprise instances with a single license (Enterprise)	Tiered
Support	Varying support levels depending on your plan. Enterprise support coverage is equivalent to our Data Center Premier Support offering	Varying support levels depending on your package: Priority Support or Premier Support (purchased separately)
Total cost of ownership (TCO)	TCO includes your subscription fee, plus product administration time	TCO includes your subscription fee and product administration time, plus: ▪ costs related to infrastructure provisioning or IaaS fees (for example, AWS costs) ▪ planned downtime ▪ time and resources needed for software upgrades

Security and data management

With Cloud, Atlassian's dedicated security team manages security for you. Cloud offers built-in security features to help safeguard your data, with minimal admin effort required. With Data Center, securing your environment is managed by your organization.

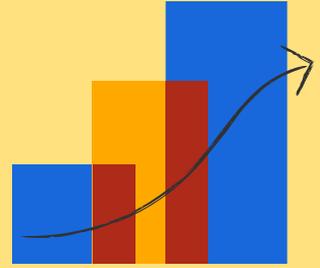|	Cloud	Data Center
Data encryption	Encryption in transit and at rest (Jira, Jira Service Management, Confluence, Bitbucket)	Managed by your organization
Data residency	Data residency for 11 countries across all our paid plans (Standard, Premium, Enterprise).	Managed by your organization
Audit logging	Organization-level audit logging available via Atlassian Guard (Jira, Confluence) Product-level audit logs (Jira, Confluence)	Advanced audit logging
Device security	Mobile device management support (Jira, Confluence, Jira Service Management) Mobile application management	Mobile device management support (Jira Software, Confluence, Jira Service Management)
Content security	API token controls (Jira, Jira Service Management, Confluence)	Managed by your organization
API and app security	API token controls (Jira, Jira Service Management, Confluence)	Personal access tokens

Compliance ✳

We design our Cloud products with regulatory frameworks in mind, and offer configuration options that allow you to comply with a number of the most common industry standards. We're also working to meet the compliance requirements of some of the most strictly-regulated industries, like finance, government, and healthcare. With Data Center, ensuring the compliance of your products is your responsibility.

	Cloud	Data Center
GDPR	Atlassian's internal data handling processes are GDPR compliant, and we provide tooling to help you fulfil GDPR requirements.	Managed by your organization We provide tooling to help you fulfil GDPR requirements
PCI DSS	PCI DSS	Managed by your organization
CSA	CSA (Cloud Security Alliance) member	Managed by your organization
SOC	SOC 2 Type II SOC 3	Managed by your organization
ISO/IEC	ISO/IEC 27001 ISO/IEC 27018	Managed by your organization
WCAG	Cloud products are designed to align with WCAG 2.1 standards. We're working to achieve WCAG 2.1 AA compliance soon ON THE ROADMAP	Data Center products are designed to align with WCAG 2.1 standards. We're working to achieve WCAG 2.1 AA compliance soon ON THE ROADMAP
VPAT	VPAT statements for Cloud products	VPAT for Section 508
FedRAMP	HIPAA ready (Jira, Confluence, Jira Service Management)	Managed by your organization
HIPAA	HIPAA ready (Jira, Confluence, Jira Service Management)	Managed by your organization
NIST 800.53	NIST 800.53 controls – low impact level (Jira, Confluence) ON THE ROADMAP	Managed by your organization
US FINRA	Financial services industry compliance – US (Jira, Confluence, Jira Service Management)	Managed by your organization
EU BaFin	Financial services industry compliance – Germany (Jira, Confluence, Jira Service Management)	Managed by your organization
AUS APRA	Financial services industry compliance – Australia (Jira, Confluence, Jira Service Management)	Managed by your organization

Scale, performance and availability

With Cloud, we handle reliability, performance, and uptime for you, so your users have uninterrupted access to Atlassian tools. We're also continually increasing our scale capacity in Cloud to meet the needs of our largest customers. With Data Center, you're responsible for implementing and maintaining scalability, high availability, and disaster recovery strategies.
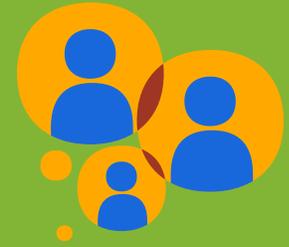
	Cloud	Data Center
High availability (HA) and reliability	Built on best-in-class core technologies for elastic scale, multi-level redundancy, and failure options Financially-backed 99.9% uptime SLA (Premium) Financially-backed 99.95% uptime SLA (Enterprise)	High availability application deployment Support for high availability database (Aurora) Upgrade without downtime options
Data health and management	Project archiving (Jira Premium and Enterprise) Space archiving (Confluence)	Project and issue archiving (Jira Software, Jira Service Management) Optimize custom fields to improve performance (Jira Software, Jira Service Management) Automatically decline stale pull requests (Bitbucket) Space archiving (Confluence) Page and file management (Confluence)
Data storage limits	2 GB (Free) 250 GB (Standard) Unlimited storage (Premium and Enterprise)	Managed by your organization
Performance	Continuous performance updates to improve load times, search responsiveness, and attachments Cloud infrastructure hosted in six geographic regions to reduce latency	Rate limiting CDN support Smart mirrors and mirror farms (Bitbucket)

	Cloud	Data Center
Backups and disaster recovery	We leverage multiple geographically diverse data centers, have a comprehensive backup program, and gain assurance by regularly testing our disaster recovery and business continuity plans. Backups are generated daily and retained for 30 days to allow for point-in-time data restoration	Managed by your organization
Minimum user tier	1–10 users (Jira, Confluence) 1–3 agents (Jira Service Management) 1–5 users (Bitbucket)	500 users (Jira Software, Confluence, Crowd) 50 agents (Jira Service Management) 25 users (Bitbucket)
Maximum users per instance	Up to 50,000 users per instance (Jira, Confluence)	Unlimited users (Jira Software, Jira Service Management, Confluence) 30,000 users (Bitbucket)

User management

In Cloud, you manage user accounts centrally through an organization, rather than product by product. We also offer Atlassian Guard to improve or expand on your user management capabilities. With Data Center, user management can be handled in a variety of ways: via each product, through Jira, or by connecting to Atlassian Crowd, an LDAP or other external user directory, or identity provider (IdP). Learn more about user management differences in cloud and self-managed products
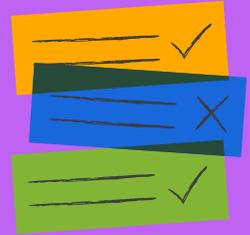
	Cloud	**Data Center**
Authentication	Available to all customers: ▪ Centralized user security controls for new customers ▪ Managed user accounts with verified domains ▪ Enforced password strength, expiration and reset ▪ Enforced idle session durations ▪ Optional two-step verification (2SV) for end users Requires Atlassian Guard: ▪ SAML SSO ▪ Enforced two-step verification (2SV) ▪ Multiple authentication policies per organization ▪ External user security ON THE ROADMAP	▪ Delegated authentication via external LDAP and Active Directory ▪ SAML SSO ▪ OpenID Connect SSO ▪ Support for multiple IdPs (Jira Software, Jira Service Management, Bitbucket) Requires Atlassian Crowd: ▪ Manage users from multiple directories - Active Directory, LDAP, OpenLDAP or Azure AD - and control application authentication permissions in one single location ▪ Centralized user management controls ▪ SSO capabilities
Provisioning	Available to all customers: ▪ Simple licensing with invitation links, approved domains, and access requests Requires Atlassian Guard: ▪ Just-in-time provisioning with SAML SSO ▪ Directory sync with cloud IDPs through SCIM user provisioning ▪ G Suite integration (Jira, Jira Service Management, Confluence) ▪ User provisioning (Bitbucket) ON THE ROADMAP	Public signup options Just-in-time user provisioning with SAML and OpenID Connect Directory sync with LDAP, Active Directory, and Azure AD

	Cloud	Data Center
Authorization & access management	Organization-level user and group directory for new customers	Azure AD support with user and group filtering (via Atlassian Crowd)

Group level administration (via Atlassian Crowd)

OAuth 2.0 for application integration |
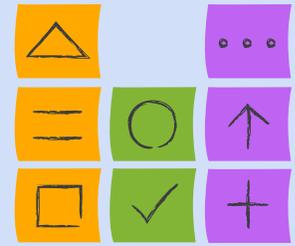
Deployment and administration

Atlassian hosts your Cloud products for you, which means we manage security and maintenance. With Data Center, you control how you host your products, which also means you're responsible for maintenance and version upgrades.

	Cloud	Data Center
Containerization and orchestration	We handle this for you	Docker images

Kubernetes support |
| Change management and upgrades | We handle software and security upgrades for you automatically

Sandbox instance to test changes (Premium and Enterprise)

Release track options for Premium and Enterprise (Jira, Jira Service Management, Confluence) | Managed by your organization

Upgrade without downtime options

Long Term Support releases |
| Insights and reporting | Organization and admin insights to track adoption of Atlassian products, and evaluate the security of your organization.

Atlassian Analytics offers simple and flexible ways to visualize data across Atlassian products and other data sources, giving you holistic insights into how work gets done across teams. | Data Pipeline for advanced insights

Confluence analytics |
| Site names (URLs) | Atlassian provides a secure, configurable site name

Ability to host your product on any domain you control ON THE ROADMAP | You host your products under any domain you control |

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Apps, integrations and customization

You can extend the functionality of Cloud products with a growing number of Atlassian Marketplace apps and SaaS product integrations, or build your own customizations using APIs or with Forge, our Cloud developer platform. With Data Center, you can use Data Center approved apps from the Marketplace, or build your own apps and integrations using robust APIs.

	Cloud	Data Center
Marketplace apps	Thousands of apps and integrations Cloud Fortified app program to ensure enterprise-grade security and reliability	Thousands of apps and integrations Data Center approved app program to ensure reliability and performance at scale
APIs	Use Atlassian Connect framework, APIs, and Forge to develop apps, customizations, and integrations	Use server APIs to develop apps, customizations, and integrations
Mobile apps	Mobile apps for Jira, Jira Service Management, and Confluence, with additional functionality not available with Data Center apps Mobile device management (MDM) and Mobile Application Management (MAM) Secure collaboration, without signing in to a VPN	Mobile apps for Jira Software (8.3+), Jira Service Management (4.12.2+) and Confluence (6.8+) Mobile device management (MDM) support

Start your migration to cloud today

Contact your local Atlassian Solution Partner to start your migration journey.

ATLASSIAN