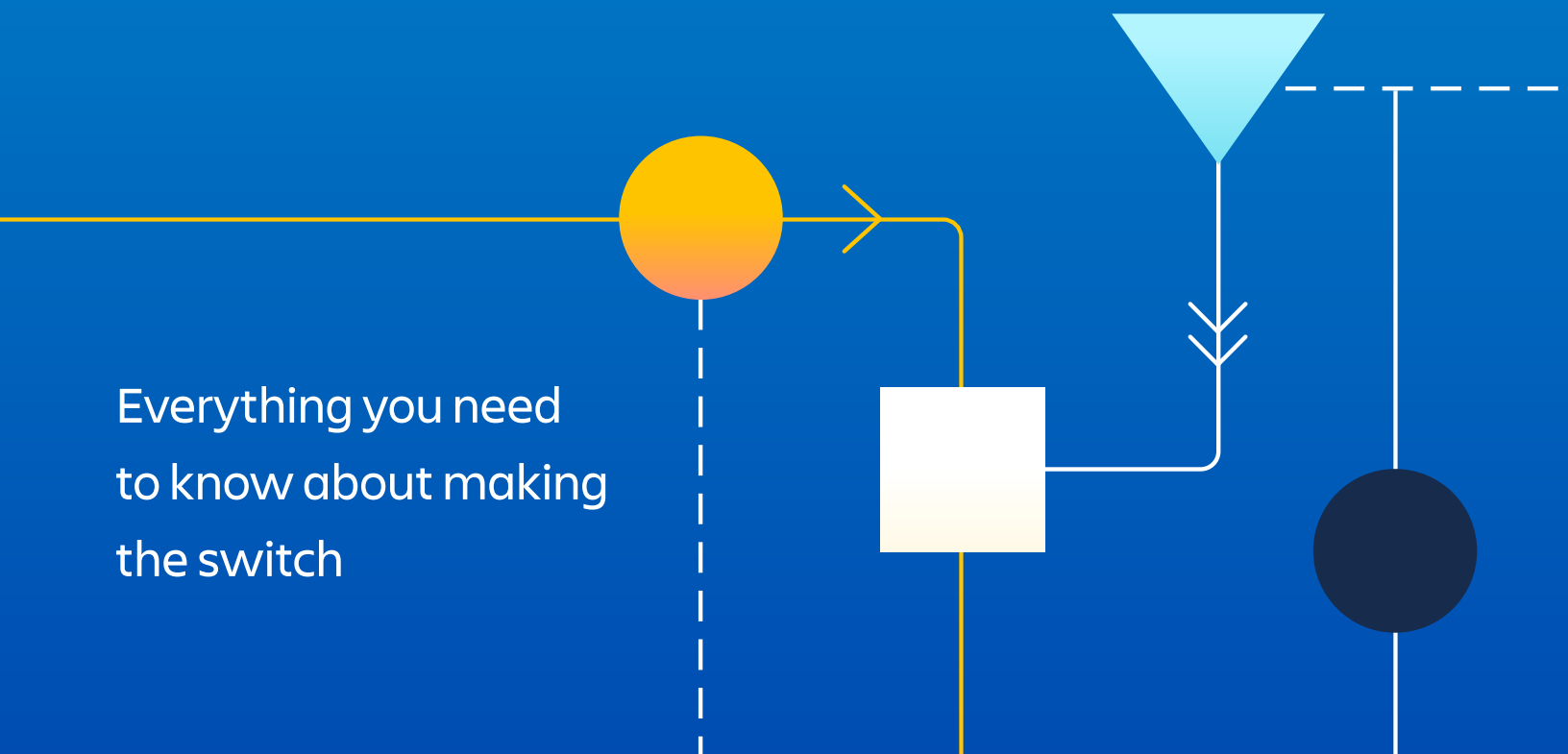**ATLASSIAN**
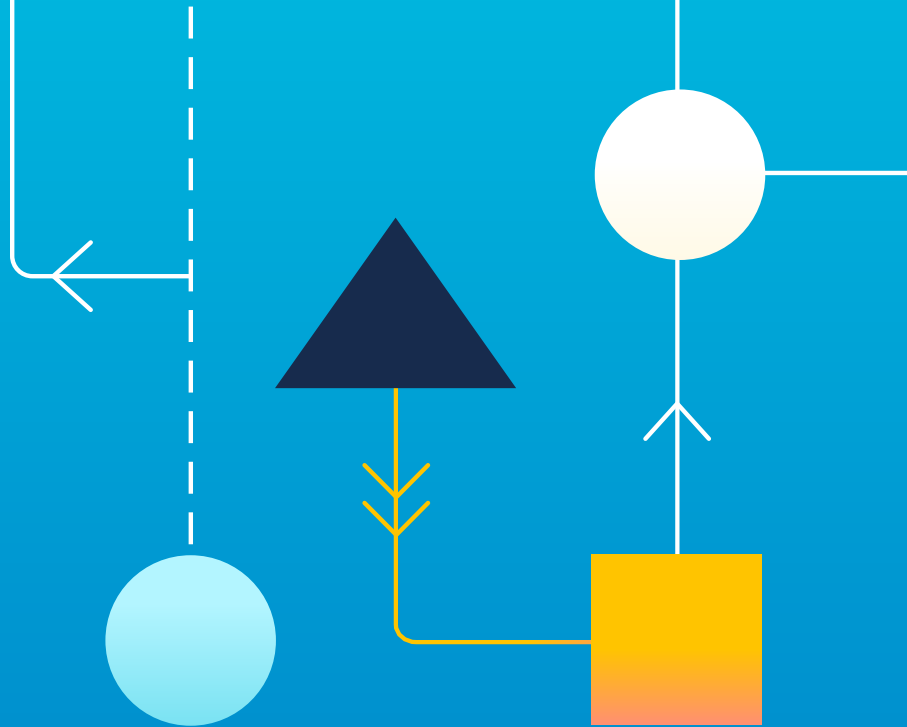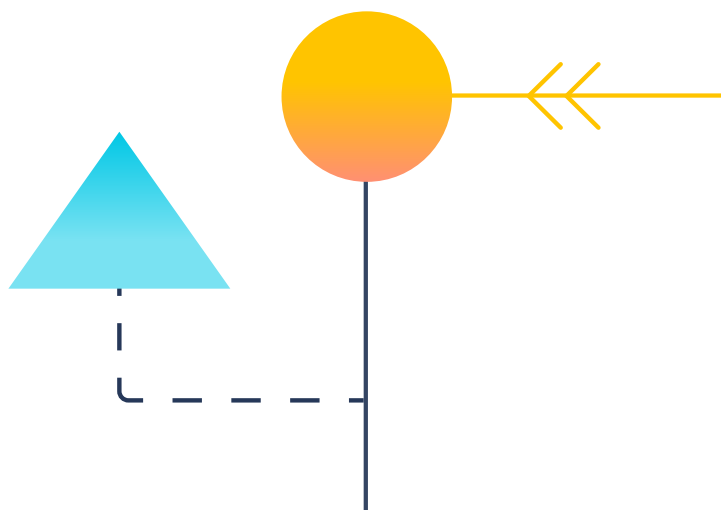
AN ADMIN'S GUIDE

Getting started with Jira Software Data Center
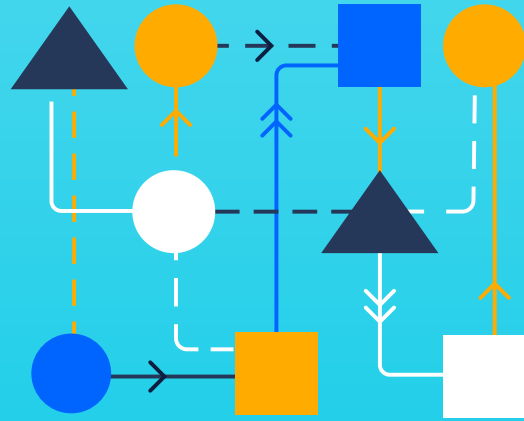
Everything you need to know about making the switch

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Jira Software Data Center: optimized for seamless administration at scale

01

Jira Software Data Center: optimized for seamless administration at scale

Jira Software helps the world's best agile teams plan, track, and release great software at scale. If work is stopping when Jira Software is down, you're experiencing rapid user growth, or you need to ensure teams around the globe have a reliable experience, it may be time to upgrade to Jira Software Data Center.

In this guide, we'll run through everything you need to know about making the switch.

Built for scaling your organization's agility up and out

Data Center is a self-managed enterprise edition that gives you the reliability and compliance your organization demands, with the infrastructure to manage team growth without compromise.

In addition to the capabilities available in our Server products, our Data Center products offer a number of added benefits, in the areas of:

- Compliance, governance, & security
- Infrastructure & automation
- Reliability & stability
- Scale & performance

Our Atlassian Data Center edition allows you to:

Innovate at scale

Empower teams and drive success with the horizontal scalability required for seamless collaboration.

Grow fast, grow smart

Scale with confidence and build a long-term strategy for scaling teams, applications, and infrastructure.

Trust your tools

In the face of tough compliance, usage, and geographic constraints, your business can depend on our tooling and practices to get stuff done, at scale.

Balance autonomy and control

As growth accelerates, Data Center balances team autonomy with the right controls and governance.

Understanding the difference between Jira Software Server and Data Center

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Understanding the difference between Jira Software Server and Data Center

There are two products that allow you to run Jira Software in your own environment: Jira Software Server and Jira Software Data Center. If you're already familiar with Jira Software, you may already be using Jira Software Server.

We want all teams to get the most out of Jira Software, so the core features are available for everyone on Jira Software Server and Jira Software Data Center, including your comprehensive set of team-level agile tools.

Some features are available specifically for customers with a Data Center license. These may be specific to the needs of larger enterprises, or may provide additional infrastructure or administrative options to help you strike a balance between growth and control of your Jira Software instance.

> For a full feature comparison between Server and Data Center, see **our documentation site**.

Strategic administration

As your organization evolves, you may be tasked with finding a solution that is flexible enough to meet the needs of a wide array of teams and users, but can also handle the technical scale and additional use cases that come with a complex, enterprise-wide transformation.

Jira Software Data Center lets you standardize your teams on an enterprise-grade platform, providing opportunities for implementing best practices, governance, and giving you visibility into application usage and performance. With a toolbox of robust enterprise features, you can maintain a healthy Jira instance, while providing a runway to grow into for years to come.

Administrative tools for scale & performance

Project and issue archiving
Manage growth and **make Jira more performant** and readable.

Custom fields optimizer
Surface the custom fields that are taxing your Jira performance and remove global contexts with one click.

Content Delivery Network (CDN) support
Deliver **faster load times** for geographically distributed offices.

Administrative tools for security & user management

Support for SAML 2.0 and OpenID Connect
Increase security and streamline user login with built-in **SAML** or OpenID Connect single sign-on support.

Reliable experience

Data Center gives teams uninterrupted access to Jira through active clustering, giving your organization the stability it needs to keep moving forward, faster. Data Center provides the best, most stable performance, and enables your teams to collaborate quickly and deliver their work…all at enterprise scale.

Reliability & stability benefits

High availability
Active clustering ensures users have uninterrupted access to critical applications. Data Center uses industry-standard load-balancing, database clustering and shared file systems to minimize downtime for your users in the event of unexpected hardware failure.

Performance at scale
Avoid performance degradation. Each node in your Data Center cluster increases capacity for concurrent users and provides quality user experience under high load.

Rate limiting

Keep your instance safe with **self-protection capabilities**.

Zero downtime upgrades

Deploy the latest version of Jira when and where you want without interrupting users with **zero downtime upgrades**.

Disaster recovery

In the event where the whole system goes offline in a disaster-related scenario, Data Center will help shorten your recovery window by generating "index snapshots" which you can then quickly replicate to your disaster recovery site. This way you don't miss an SLA waiting for a full reindex and can get back up and running quickly.

Automation & infrastructure benefits

Amazon Web Services (AWS) support

Deploy Data Center on AWS to meet increasing demand with confidence and to minimize infrastructure maintenance and costs.

Amazon Aurora support

For customers deploying on AWS, **Amazon Aurora** is a relational database built for true high availability as your transaction volume increases over time.

*We also provide advanced **AWS Quickstart Templates** for easy automation.*

Microsoft Azure support

Deploy Data Center on **Azure** to scale quickly with minimal overhead and reduce infrastructure maintenance and costs.

Docker support

Include our Docker container images for agility and consistency in your deployment, and easily standardize all your instances at once regardless of what hardware you're using.

Planning your deployment

03

Planning your deployment

Whether you're upgrading from Jira Software Server or spinning up a new instance of Jira Software Data Center, it's important to evaluate how you want to deploy.

As an administrator, you'll need to set aside time to understand the requirements, make a plan and execute on it. You might also encounter roadblocks, such as red tape or budgetary constraints within your organization.

We're confident that the benefits of upgrading to Jira Software Data Center will make this investment of time and effort worth it for you, your team and your organization's users.

> In the next few sections, you'll find helpful tips and links to resources you'll need to be successful.

04

READ.ME

Before downloading and installing Jira Software Data Center, we've outlined a few considerations you should take into account. The decisions you make now will impact how you set up your Data Center instance, so be sure to take your time to understand the technical requirements and necessary investments.

Get to know the latest version of Jira

In addition to learning about the new administrative features available with Data Center, also familiarize yourself with the **latest version of Jira Software**. You may want to prepare your users for new features that have been delivered between the version you are currently on and the latest version.

For customers that prioritize stability and performance over the latest functionality, we recommend upgrading to the **Enterprise release**. We've introduced Enterprise releases of Jira Software for customers who are operating complex deployments, and for whom upgrading is a process that can take several months. At least one feature release every year will be designated as an Enterprise release and receive bug fixes for a longer period of time in order to address critical security, stability, data integrity, and performance issues.

Performance recommendations and requirements

You may need to make hardware investments to start realizing all the benefits of Data Center. For example, if you choose to deploy a clustered environment to realize high availability, you may need to procure hardware for the application nodes, shared file system, and load balancer. You can find a full list of system requirements on **our documentation site**.

You'll also need to ensure you and your team have the right skills and tools to investigate your instance's performance. We'll go into more detail about performance monitoring later on in this guide.

Infrastructure options

One of the benefits of Atlassian's Data Center products is infrastructure choice. You can deploy on-premise or with infrastructure as a service (IaaS) vendors like AWS and Azure to best suit your company's existing investments. More and more customers are choosing to deploy Atlassian tools using IaaS providers: 62% of Atlassian's self-managed customers deploy their applications on a cloud architecture.

We know that for many teams, the transition to cloud is a gradual undertaking, and there are many advantages and risks to consider. The priority of your organization's needs can help determine what type of infrastructure you choose.

Review (or create) your disaster recovery strategy

Even the most robust, finely-tuned system isn't immune to going down in an unplanned event. Avoid chaos and keep business running smoothly with a disaster recovery (DR) strategy, which is a key part of any business continuity plan. It outlines the processes to follow in the event of a disaster to ensure that your business can recover and continue operating.

With disaster recovery for Atlassian's Data Center products, you can configure index replication, attachment updates, and database synchronization to comply with your DR plan's specific requirements. For Jira Software Data Center, this typically includes setting up a cold standby strategy. This means your standby Jira Software instance won't be continuously running and that in the event of an outage, you will need to take some administrative steps to start the standby instance.

Learn more in **our Disaster Recovery Guide for Jira**.

No two disaster recovery plans are exactly alike, and we recommend you keep a full runbook of steps on file, away from your production system. Make your runbook detailed enough so that anyone on your team can complete the steps and recover your service, regardless of prior knowledge or experience.

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Step-by-step

Now, we'll walk you through the process of setting up Jira Software Data Center step-by-step.

1. Get to know the Jira Software Data Center architecture

There are two architecture options available with a Data Center license:

Option 1: The application runs on a single server

Depending on your organization's requirements, you may want to run your Data Center application on a single server – just like a Server installation.

Your network

Application server

Database   File system
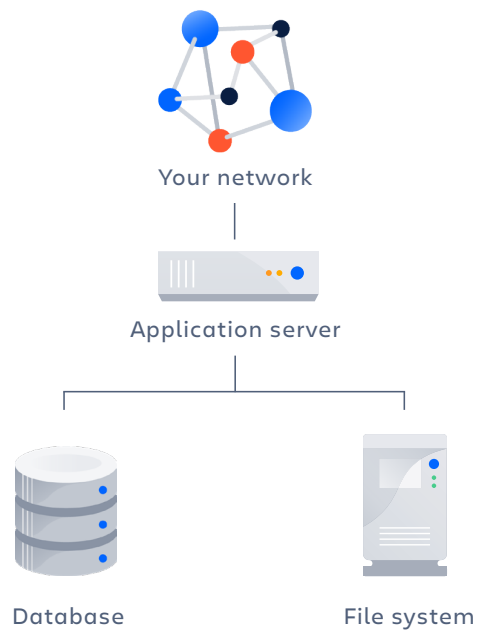
Benefits

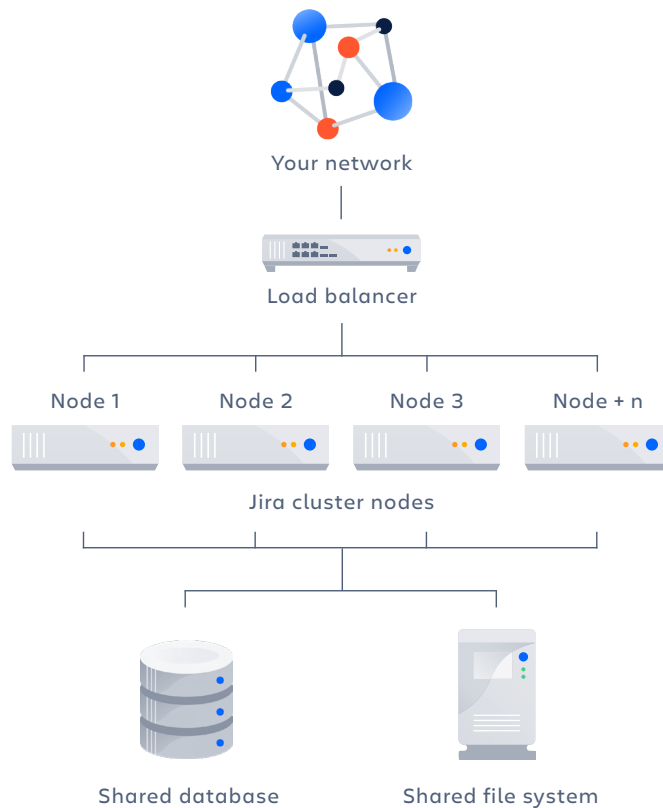Deploying Data Center on a single server means that you can easily upgrade from Server to Data Center without adding to your infrastructure. Simply download a **Jira Software Data Center** license to instantly access the growing suite of enterprise features. Single server Data Center deployments are also cluster compatible, which means you can switch to a clustered setup whenever you're ready to scale.

Option 2: The application is run in a cluster with multiple nodes

You can also run Jira Software Data Center in a cluster with multiple nodes, and a load balancer to direct traffic. This is critical for organizations where uptime, stability, and performance at scale are essential for every team to be productive.

Your network

Load balancer

Node 1   Node 2   Node 3   Node + n

Jira cluster nodes

Shared database   Shared file system

Benefits

• **High availability and failover:** If one node in your application cluster goes down, the others take on the load, ensuring your users have uninterrupted access to the application.

• **Performance at scale:** Each node added to your cluster increases concurrent user capacity and improves response time as user activity grows. You can also deploy nodes dedicated to specific functions. For example, you could direct all of your API traffic to a specific node (or number of nodes) so your normal user traffic is never slowed down by ongoing API jobs.

• **Instant scalability:** Add new nodes to your cluster without downtime or additional licensing fees. Indexes and apps are automatically synced.

Data Center clusters include:

- **Multiple application nodes**

The cluster of nodes will share the workload of incoming requests. All Jira Software nodes are active and process requests.

- **A shared file system**

Jira Software Data Center supports any shared file system. The shared file system stores things like attached files, avatars, icons, exported files and shared caches.

- **A database that all nodes read and write to**

Jira Software Data Center supports the same databases that are supported for Jira Software Server: Oracle, MS SQL, MySQL, and PostgreSQL.

- **A load balancer**

The load balancer distributes requests from your users to the cluster nodes. If a node goes down, the load balancer immediately detects the failure and automatically directs requests to the other nodes within seconds. You can use any load balancer that supports session affinity, or sticky sessions.
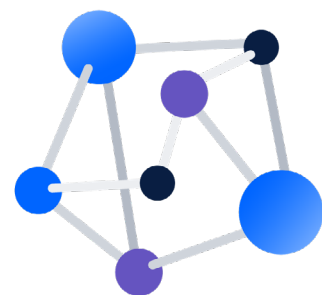
2. Assess your requirements

To get the most out of Data Center, you'll want to tailor the way you set up your cluster to your organization's needs.

We recommend assessing:

- the number of users you have
- the amount of data you have
- your expected usage patterns, and
- the resources your organization has allocated to maintain Jira Software

On our documentation site, we've provided **sizing** and **performance benchmarks** to help you assess your expected load and predict performance. These benchmarks are based on averages, collected from a wide range of customers.

3. Position your infrastructure

Once you've identified your organization's needs, you can start provisioning your infrastructure. To help you get started, we've provided a **Jira Software Data Center sample deployment and monitoring strategy**.

If you choose to run in a clustered environment, we've also provided some guidance on node sizing and load balancer configuration.

Node sizing

For Jira Software Data Center, your servers will need at least 6GB of RAM for the Jira Software application and external process pool, which handles memory and CPU intensive tasks.

When estimating node sizes for Jira Software Data Center, you will also need to ensure reliable network connections between nodes, and ideally use two physical network interface cards (NICs) for each node. One network card distributes user requests, and the other manages internode communication.

Disk space

You'll also want to ensure that you have enough disk space to accommodate usage and that you have a plan for how to increase available disk space when required.

To help with this, you can add alerts for different levels of free disk space - like a warning at 30% and error alert at 10%. When these alerts go off, you can expand available storage if the rate of consumption has been normal, or check for misbehaving processes if the rate of disk consumption has spiked abnormally.

Load balancer configuration

The load balancer serves three essential functions:

1. Distributes traffic efficiently across multiple nodes
2. Ensures high availability by sending traffic only to nodes that are online (requires health check monitoring)
3. Enables the ability to add and remove nodes

Data Center does not include a load balancing solution, so you will need to select and configure one that best fits your environment. **This article** explains some of your configuration options when using a load balancer.

4. Plan your implementation

If you're new to Jira Software, you can try out Jira Software Data Center by **downloading a free trial**. This can help you identify dependencies and plan your path to production.

If you are moving from Jira Software Server to Jira Software Data Center, you'll want to build a plan for your implementation. It's important to set aside time to create this plan, since migrating to Jira Software Data Center can have an impact on your IT team and other infrastructure components.

A successful implementation plan will include the following steps:

Building a project team

We've found that most organizations need to coordinate multiple IT functions in order to get all of the components of a deployment correctly configured. We recommend creating a project plan as early as possible, and communicating with individuals and stakeholders who are interested and impacted by a move to Jira Software Data Center.

Your project team will be made up of two types of roles:

Strategic roles	Tactical roles
Strategic roles contribute to planning or major decisions throughout the project. These roles include: an executive sponsor, a project steering committee, and a technical product or project manager to own the schedule and communications.	Tactical roles will contribute to the process and can include: power users, database administrators, network engineers, site reliability engineers, security engineers and system administrators who will answer frontline support issues during migration.

In our *Guide for assembling your Jira Data Center team*, we've shared some of the ways to think about the roles and responsibilities that are helpful for deploying Jira Data Center. We've included best practices, advice from customers who've reflected on what they learned during their deployment, as well as next-step resources to guide your upgrade.

Reviewing your current Jira Software Server installation

Jira Software Data Center's horizontally scalable cluster allows it to handle significantly more concurrent users. Adding more cluster nodes is like opening up more registers at the supermarket. It helps process more transactions, but it doesn't make specific transactions faster. People with full carts still take a long time.

In order to fully leverage Jira Software Data Center's value, it's important to completely review and take a baseline measurement of your existing Jira Software Server installation's system functionality and performance.

Then, you'll want to make performance optimizations on your Jira Software Server instance. There are **a number of things** you can check for including swapping activity, database bottlenecks, cache tuning, and more.

Finally, you'll want to assess how users interact with Jira Software, since this also affects performance. Any usage characteristics that can place strain on the system will need to be addressed or restricted before upgrading to Jira Software Data Center. You'll need to determine the correct balance between user functionality and performance that aligns with your organization's needs.

Migrating from Jira Server to Data Center?

Read through these guides to help minimize disruption during the switch:

- **Atlassian Data Center migration plan**
- **Atlassian Data Center migration checklist**

Documenting current processes

Documenting aspects of your current Jira Software Server installation, also known as creating a runbook, will help guide configuration options for your Jira Software Data Center implementation. Some items to note include general system behavior benchmarks and API access patterns for Jira, as well as backup, reporting and monitoring processes and any maintenance or disaster recovery plans.

Upgrading to Data Center approved apps

Just as critical as it is that the Atlassian Data Center products you use maintain a high level of availability and consistent performance, the same holds true for the Atlassian Marketplace apps that you rely on. With our **Data Center Approved Apps program**, Atlassian works with Marketplace vendors to perform an architectural review and performance assessment to ensure consistent stability and performance of apps with your data center environments. Testing criteria include elements of how apps handle cache operations, support required databases, implement locking and availability in clustered environments, manage event handlers, and much more. This way, your favorite Marketplace apps, that help your business carry out some of its most important functions, are able to meet the performance standards for large-scale Data Center environments.

> **KEEP IN MIND** If you're already using Marketplace apps with an existing Jira Software Server instance - once you upgrade to Jira Software Data Center, you will be prompted to purchase a Data Center approved app license when you upgrade. While most Marketplace vendors now offer Data Center approved versions of their apps, in the event that the vendor does not offer one, you can continue to run your Server app version in your Data Center environment until a Data Center version is introduced.

5. Install and configure Jira Software Data Center on a test environment

Once you've provisioned your infrastructure and created your plan, it's time to install and configure Jira Software Data Center on a test environment. plan, it's time to install and configure Jira Software Data Center on a test environment.

How you install depends on your environment:

- If you're **installing on your own hardware**, you'll start by applying your Data Center license and installing Jira Software on your first node. Then you'll add more Jira nodes and configure your load balancer. Once setup is complete, you can start Jira one node at a time before testing your cluster.

- If you're using an IaaS platform, Jira Software Data Center currently supports deployments on AWS and Azure. Use our **Quick Start guide** to launch, configure, and run the AWS compute, network, storage, and other services required to deploy a specific workload on AWS, using AWS best practices for security and availability. Or deploy in Azure with the Atlassian template for **Azure Resource Manager**. This template can be used as a starting block for your production deployment, before you configure it to match your organization's best practices, or to spin up a test environment with basic data.

6. Test your Data Center installation, then launch to production

Regardless of what kind of environment you've chosen to use, remember to thoroughly test and optimize your Jira Software Data Center installation before launching on production. Your team should run through an iterative set of functional tests, integration tests, and performance tests to vet the Data Center installation. Use the results of the testing and refinement to evaluate if Data Center is ready for production.

> **PRO TIP** Organizations typically push to production over a weekend or some other time of low usage. Some customers opt for a "mock deploy" to test and verify their launch process. Ensure that notifications are sent to end-users throughout this process.

7. Maintain and scale Jira Software Data Center

Once you've got Jira Software Data Center deployed in production, it's important to regularly test and monitor your Jira Software Data Center instance to keep it healthy, to ensure that your users have access to their content around the clock. Read on for next steps!

06

Next steps

06

Next steps

Whether you're new to Jira Software Data Center, or looking to keep your existing instance healthy, here are the next steps to take.

1. New users: onboarding and tips for success

If your company is new to Jira Software, once you've installed Jira Software Data Center, it's time to introduce Jira to your team. Use these tips to set them up for success:

Invite users, your way

There are a number of ways to add users to Jira Software. If user signup is enabled on your instance, people can add themselves as users. Or, you can invite them directly by sending them an invitation link via email.

As an admin, you can also manually add new users or configure user directories and connect Jira Software to your existing identity provider or **Crowd**. Using SAML 2.0 for authentication means that invited users don't even have to worry about choosing a password before they start working in Jira Software.

Distribute the Jira Software mobile apps

If your team needs to be able to stay on top of the latest developments, respond to tickets on the go, and move work forward from anywhere, share the **Jira Software mobile apps for Android and iOS**. As an admin, you can distribute the Jira app to people in your organization using your **Mobile Device Management** solution.

2. Declutter, boost performance and improve stability

Clean up custom fields

Did you know that custom fields have a global context by default? This means that they're available across all projects. Global custom fields are indexed for every issue in the system, significantly contributing to Jira's index size. In a

clustered environment, Data Center instances are especially affected because the index has to stay up to date between nodes. The more custom fields, the bigger the index, and the more time it takes to replicate between nodes.

To reduce the performance impact of custom fields, we recommend changing their contexts from global to specific projects. Visit the "Custom fields optimizer" tab under the Administration settings and click "scan" to find all custom fields that have a global context and are used in fewer than 10 projects. You can then click "Change context" for each custom field to modify its context from global to project. Proactively managing custom fields can help stop performance issues before they begin, and tune Jira for improved performance.

Archive outdated projects and issues

Another way to maintain a clean and performant Jira and make it easier for your teams to find the information they need is by archiving outdated projects. Here are some tips for getting started with **project archiving**:

1. Before you take action in Jira, collect any relevant stakeholders and get their requirements for an archiving plan. Host a kickoff meeting or interview stakeholders one-on-one to collect their input before developing your archiving strategy.
2. Discuss archiving projects that haven't had new issues created recently.
3. Visit the "Projects" tab under the Administration settings, select a project's ellipsis menu, and choose Archive.

For whole projects that can't be archived, like ones named after a team or for a continuous function, you can also archive issues. Here are some tips for getting started with **issue archiving**:

1. Query for "done" issues that haven't been touched for the last one to two years, and check with their owners if they're okay with archiving them.
2. Look for old components or released versions without log activity, and again, review with stakeholders to confirm they can be archived.
3. Archive issues with one click on the issue itself, or by using JQL queries to collect and archive as a bulk action.

Ensure the best experience for distributed teams

If you have teams that work from a location that's geographically distant from your server location, it typically means they have to wait longer for a page to be fetched, an issue to open, or a board to load. Utilizing a content delivery network (CDN) can speed up that response time as much as possible by distributing the static assets of these actions spatially, relative to end-users.

This guide will walk you through how to configure your CDN.

Improve instance stability

When automated integrations or scripts send requests to Jira in huge bursts, it can affect Jira's stability, leading to drops in performance or even downtime. With rate limiting, you can control the volume of REST API requests from automations and users, making sure that your Jira instance remains stable.

Plus, with the ability to see who is being rate limited, how many times requests are being limited, and when a user was last limited, you can drive a better experience for your entire user base by identifying trends and coaching repeat offenders.

Follow **this guide** to turn on rate limiting.

3. Testing, maintenance, customization, and more

Keep your instance healthy with regular testing and maintenance

Regular testing and monitoring helps keep your Jira Software Data Center instance healthy and ensures users have access to their work around the clock. Testing helps determine whether your infrastructure is capable of supporting adequate performance levels under typical loads, and monitoring ensures that Jira Software will continue performing at an optimal level. Creating a strong maintenance strategy requires plenty of strategy and foresight, so use the resources below to plan ahead.

Health check tools

Jira Software Data Center provides a set of tools that you can use to monitor the health of your instance, as well as to identify the root cause when the instance is not performing as expected. We recommend you look at the status of the health check tools after your initial install, any time you add a node to the instance, and any time you need to troubleshoot your setup. **Access health check tools**.

Monitoring

Monitoring is a vital part of ensuring the integrity and continued optimization of your application. Regularly monitoring performance helps you prepare for usage growth or re-configuration. If your environment is clustered, you can easily use **cluster monitoring** to know how the nodes are doing. This page is especially useful for checking if a node you've just added to the cluster has been configured correctly.

More good news: your organization probably has a system they use to monitor application performance that can be used to monitor your Data Center environment. We've compiled **a list of tools** we see many of our customers using.

Zero-downtime upgrades

When you are upgrading or performing maintenance, **zero downtime upgrades** allow you to decrease the planned downtime, meaning you can schedule upgrades during working hours!

Upgrading between Jira Software versions

Regularly upgrading your instance ensures that you and your users have access to the latest and greatest feature improvements. There are no hard and fast rules for how often you should upgrade, but we do recommend upgrading to either the latest version or an Enterprise release.

Extend your experience with Marketplace apps

The **Atlassian Marketplace** is your go-to place for finding hundreds of apps that can extend and improve your experience. By adding functionality, such as workflow automation, time-tracking, and test management, Marketplace apps help your organization carry out some of its most important functions with Jira Software.

07

Additional resources

07

Additional resources

At Atlassian, we're all about unleashing the potential of every team. To help your team be successful, we offer many additional resources to help you during the setup process.

Customer Success Manager

As a new Data Center customer, you'll have access to a dedicated Customer Success Manager to use as an ongoing resource throughout your first year.

Priority Support (free for six months)

Priority Support offers an elevated level of support and is designed to provide you with faster response times, more flexibility for planned downtime, inbound phone support for production-impacting issues, access to teams of advanced support engineers for critical issues and extended coverage hours.

For the first 180 days of your Data Center license, you'll have free access to Priority Support. This means that when you **submit a request to Atlassian Support**, your high priority issues will route directly to senior engineers committed to delivering higher SLAs, faster triage, and faster resolutions.

Troubleshooting guide

We've created a **troubleshooting guide** to answer your most common questions. If you need more help, you can **raise a support request** as an administrator from within Jira Software's troubleshooting and support tools menu or visit **support.atlassian.com** and follow the prompts.

Atlassian Community

To find answers, support, and inspiration from other Atlassian users using products at scale, join the **Enterprise community group**.

Premier Support

Premier Support is Atlassian's account-level support offering. As our highest level of support, it includes 24/7 access to a team of dedicated senior support engineers, coverage for all of your Atlassian applications, our fastest coverage SLAs, inbound phone support, assistance with scheduled outages, and maintenance work. Our critical incident management process also includes 24-hour global warm handoffs and escalations.

Our Premier Support teams are made up of the most tenured support engineers at Atlassian. To help establish familiarity with your account, Premier Support engineers perform a thorough onboarding of your products, environments, and contacts. This includes an onboarding call, questionnaire, and analysis of current diagnostic information. Premier Support engineers also perform application health checks to ensure your Atlassian products are running smoothly – and help you proactively address issues and gain insight into potential pitfalls.

Technical Account Management

Looking for a subject matter expert? **TAMs** are experienced solutions advisors from Atlassian – they can unlock the potential of your tools, improve team collaboration throughout your organization, and help you operate and use our products effectively at scale. By delivering customized recommendations from technical and industry experience, TAMs remove adoption friction and get your teams on the right path sooner. Make faster team decisions on changes in processes and tooling.

Enterprise Partners

Our **Enterprise Partners** work with some of Atlassian's largest customers to conduct hands-on system integrations, deployments, and upgrades. They help deliver an incredible experience with all of the Atlassian products by providing dedicated services and solutions for complex enterprise needs. Partners are located all over the world and will work with your team to customize Jira Software to your specific needs.

08

Unlock more from Jira Software

Build a connected enterprise with Atlassian's agile at scale solution

Today, businesses need to be able to adapt at enterprise scale in order to stay competitive. That's why many companies are looking to achieve **agile at scale**, so they can:

- respond to customers' evolving needs and delight them in the process,
- provide flexible solutions,
- support teams of teams working on a unified front,
- shift mindsets to place technology as a strategic enabler, and
- inspire agile ways of working outside of software and IT teams.

As teams in your organization run towards your next agility goalpost, you'll want to ensure your agile tooling is prepared for growth. Atlassian's agile at scale solution starts with widely adopted tools at the team level, which ensures the real-time status of work is open to the rest of the organization:

Jira Software Data Center provides increased uptime and consistent application performance at scale so teams can move work forward.

Confluence for open sharing of written plans, requirements, and strategy documents.

When tracking the work across a team of teams or group of products, **Portfolio for Jira** layers on the ability to create realistic roadmaps, do long-term agile planning, and keep stakeholders up to date on the work taking place in Jira Software.

And when your enterprise is ready to embrace organization-wide lean and agile principles, or adopting a scaled agile framework, **Jira Align** connects business and technology teams to align strategy with outcomes.

ATLASSIAN

Explore our agile
at scale solution

Learn more