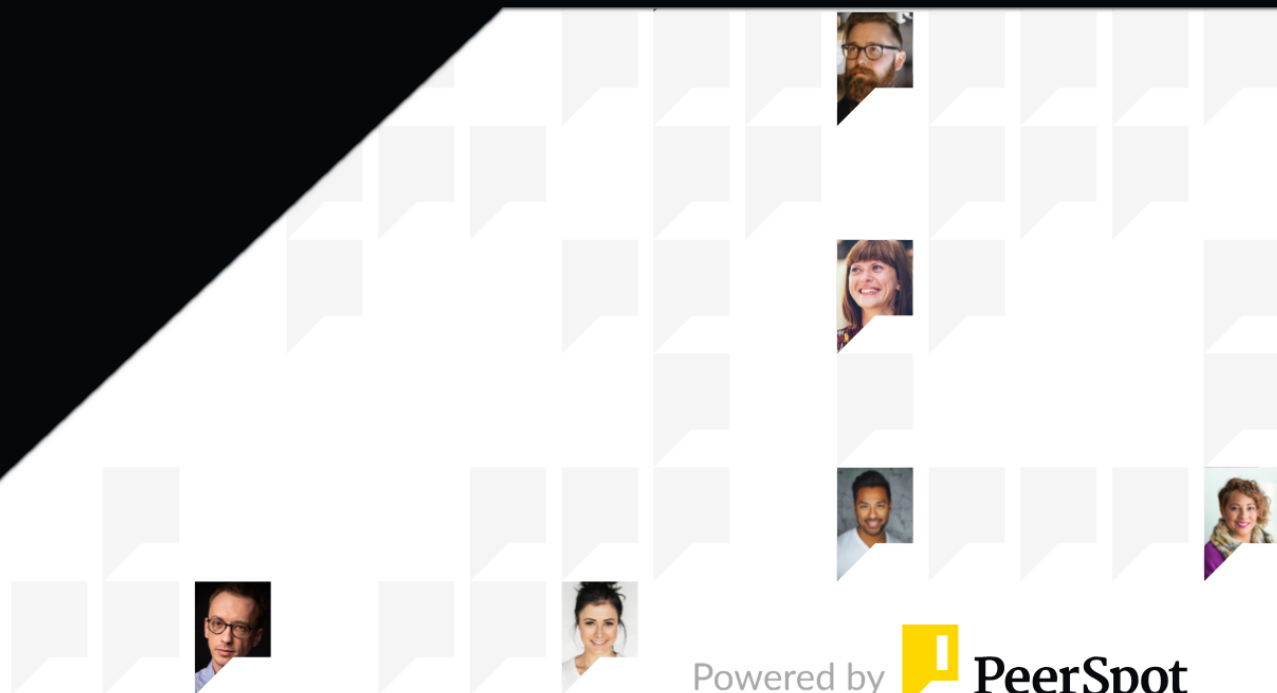




Sonatype Nexus Repository

Reviews, tips, and advice from real users



Powered by  **PeerSpot**

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Product Recap



Sonatype Nexus Repository

Sonatype Nexus Repository Recap

Sonatype Nexus Repository helps development teams move faster by providing a single, reliable place to store and manage the software components they depend on. As a universal artifact repository, it supports popular package formats and fits naturally into modern CI/CD pipelines, making it easy to share and reuse components across teams.

By centralizing artifact management, Nexus Repository improves build stability, reduces downtime caused by missing or unreliable dependencies, and simplifies collaboration between developers, DevOps, and security teams. Organizations use it to scale development, maintain consistency across environments, and ensure the software they ship is built on trusted components.

Valuable Features

Excerpts from real customer reviews on PeerSpot:

- ✓ “Overall, we have reduced our artifact management overhead and build deployment time by more than 70%, indirectly helping to improve our release deployments of business use cases faster, which aids in productivity gains and lowers our infrastructure costs as well.”



GauravS08

Cloud ARchitect at a tech vendor with 10,001+ employees

- ✓ “Sonatype Nexus Repository has positively impacted our organization by configuring these proxy repositories, which have significantly reduced artifact management time, allowing us to save more than 50 percent of our build and deploy pipeline time and giving us a very good amount of control over our own repository management.”



Pranoday Dingare

Senior Manager, Projects at a tech vendor with 10,001+ employees

- ✓ “Sonatype Nexus Repository was very helpful because currently, there are around 20 to 30 microservices in our application and my client was a big network provider in the UK with many projects.”



Suryansh Srivastava

Senior DevOps Engineer at a tech services company with 51-200 employees



“Having it centralized in Sonatype Nexus Repository is a major benefit for any organization, as it helps maintain a secure environment.”



Amal Alshehri

Lead Cybersecurity Analyst at Saudi Aramco



“When I was using Sonatype Nexus Repository, I found the storage and pulling of dependencies to be really fast, and it was definitely a reliable tool.”



Verified user

DevSecOps Security Engineer at a manufacturing company with 10,001+ employees



“We have had zero issues since we installed Sonatype Nexus Repository, so it is wonderful.”



Daniele Palumbo

Enterprise System Architect at Value Transformation Services



“When we started using Sonatype Nexus Repository, build times improved by 30 to 40 percent through artifact caching with consistent, predictable build performance, offline builds became very easy for us because we have cached artifacts locally, which increased team productivity immediately, saving approximately 50 to 150 minutes of developer time daily.”



Ibrahim Routine

Software Engineer at a financial services firm with self employed

What users had to say about valuable features:

“When I was using Sonatype Nexus Repository, I found the storage and pulling of dependencies to be really fast, and it was definitely a reliable tool.

Sonatype Nexus Repository was supposed to be one single storage area for internally developed artifacts. Developers had to pull their dependencies from Sonatype Nexus Repository. Since internally developed artifacts were from Sonatype Nexus Repository, we ensured that only vetted and approved artifacts were being pulled by all developers across the enterprise..”

Verified user

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DevSecOps Security Engineer at a manufacturing company with 10,001+ employees

“Sonatype Nexus Repository was very helpful because currently, there are around 20 to 30 microservices in our application and my client was a big network provider in the UK with many projects. They used Sonatype Nexus Repository to store the JAR and WAR files of all their applications that were being built. This helped with efficiency because before using Sonatype Nexus Repository, everyone was using Jenkins and storing the JAR and WAR files on their local server where Jenkins was running. After implementing Sonatype Nexus Repository, we could have JAR and WAR files and all packages in a central place where they could be stored for a longer time. Additionally, files could not be accidentally deleted, and I could maintain different versions of the JAR and WAR files by tagging them with different names.

For version management in Sonatype Nexus Repository, I could have multiple versions of the same WAR file. For example, if an application was being built during the CI process, I could tag it with 'A-1' and upload it to Sonatype Nexus Repository. During another stage, I could upload it as 'A-2'. In this way, I could manage versioning and it helped with long-term storage. I could use the same JAR file after six to seven months, and if I had not deleted that WAR file and had not used any lifecycle policy, I could still access it..”

Suryansh Srivastava

Senior DevOps Engineer at a tech services company with 51-200 employees

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“The benefit of Sonatype Nexus Repository is that you get an idea about open source or third-party libraries vulnerabilities.

The Health Check feature for repositories is for identifying vulnerabilities, and vulnerabilities normally come from the tool itself. I use the Health Checks to identify whether a vulnerability really applies to what we have or not.

Sonatype has features for managing NPM, Docker, and Maven, which helps with development environments by connecting with those third-party libraries.

Having it centralized in Sonatype Nexus Repository is a major benefit for any organization, as it helps maintain a secure environment.

I see a great feature that allows waving vulnerable components that cannot be fixed immediately due to various limitations..”

Amal Alshehri

Lead Cybersecurity Analyst at Saudi Aramco

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“The integration with CI/CD tools is a standout feature for me in daily work. I also appreciate artifact management because compared to other artifact repositories like Jfrog, I find Sonatype Nexus Repository quite user-friendly in terms of its integration with different CI/CD tools and the different artifact management features. The security features are also quite useful; for example, you can install your SSL certificates to secure your Sonatype Nexus Repository. Additionally, the documentation of Sonatype Nexus Repository is quite comprehensive and very easy to follow. I find all the features quite user-friendly in Sonatype Nexus Repository.

“Sonatype Nexus Repository has positively impacted our organization by configuring these proxy repositories, which have significantly reduced artifact management time. We have observed more than 50 percent time efficiency. Sonatype Nexus Repository allows us to maintain different hosted repositories within the company's network, which we would otherwise have to maintain over the internet. The internet push and pull for artifacts usually takes a lot of time, and our organization policies often do not allow accessing the internet for these kinds of artifacts due to security reasons. Sonatype Nexus Repository has significantly saved us efforts as well as time. We take a very good amount of control over our own repository management, which is something we really appreciate about Sonatype Nexus Repository..”

Pranoday Dingare

Senior Manager, Projects at a tech vendor with 10,001+ employees

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“One of the features I love about Sonatype Nexus Repository is storing the company's internal artifacts along with version management and release/snapshot separation, where we have separation between release files and snapshot files. There is access control for internal and external artifacts, and combining multiple repositories into one logical endpoint is something I appreciate about Sonatype, along with how Sonatype Nexus Repository handles large artifact stores and disk space optimization.

Role-based access in Sonatype Nexus Repository allows us to control who can read, write, or deploy artifacts. Developers can read artifacts and deploy snapshots, while CI/CD systems have specific credentials for automated deploys, and administrators have full access for maintenance. Contractors and interns have limited read-only access if needed, which helps prevent unauthorized changes, as only authorized people can push production releases. Sonatype Nexus Repository logs who deployed what and when, which is crucial for compliance.

In our team, the development team can push snapshots and pull any artifact for development. The release manager can promote snapshots to releases, and the CI/CD pipeline setup has a special service account with limited permissions to only pull artifacts. New interns have read-only access until they are fully onboarded, and external partners can only access specific repositories that we share.

Before using Sonatype Nexus Repository, developers waited for Maven Central downloads on every build, leading to inconsistent build times depending on internet speed. Builds failed if Maven Central was down or slow, and working offline was almost impossible. When we started using Sonatype Nexus Repository, build times improved by 30 to 40 percent through artifact caching with consistent, predictable build performance. Offline builds became very easy for us because we have cached artifacts locally, which increased team productivity immediately, saving approximately 50 to 150 minutes of developer time daily. This recovery of hundreds of hours allows developers to focus on actual development work instead of waiting for downloads.

Before Sonatype Nexus Repository, different developers had different versions of

the same library, leading to the "it works on my machine" syndrome that caused frustrated troubleshooting. With Sonatype Nexus Repository, we now have a single source of truth for all artifacts, ensuring all developers use identical versions and enabling reproducible builds across all machines. This speeds up debugging and reduces versioning inconsistencies, allowing the team to trust that if it works for one person, it works for everyone.

Onboarding also improved significantly, as new developers previously spent hours configuring Maven settings and understanding multiple repository URLs, leading to mistakes in setup and blocked starts. After implementing Sonatype Nexus Repository, new team members are productive in minutes due to a single repository URL to configure in the settings.xml files and documented, foolproof setup. This frees senior developers for actual mentoring and reduces ramp-up time for contractors and interns.

Sonatype Nexus Repository also provided cost optimization since it eliminated the need for local repository caches on each developer's machine, centralizing storage and reducing overall storage by 70 percent, resulting in lower bandwidth usage through shared caching..”

Ibrahim Routine

[Read full review](#) 

Software Engineer at a financial services firm with self employed

Sonatype Nexus Repository's most valuable features, which also represent the biggest strengths, include its ease of use, good stability, and seamless integration with CI/CD tools. I have worked with other artifact repositories previously, and I found Sonatype Nexus Repository more intuitive for day-to-day administration such as managing repositories, users, permissions, and different package formats, which is straightforward. Valuable features include hosted and proxy repository management, seamless CI/CD integration with CI/CD tools, RBAC-based secure access, SSL certificate support for secure communication, and comprehensive, well-organized documentation. The most valuable capability, in my opinion, is the proxy repository caching, which significantly reduces internet-based dependency for builds by caching external repositories within our network, meeting our organization's security compliance and policy, thus improving pipeline performance. Overall, we have reduced our artifact management overhead and build deployment time by more than 70%, indirectly helping to improve our release deployments of business use cases faster, which aids in productivity gains and lowers our infrastructure costs as well.

Proxy caching, specifically for various types of artifacts such as Docker images, NPM images, and Red Hat YUM repository package images, is one of our strongest assets. When my developers or the CI/CD pipelines download dependencies from sources such as Maven Central, npmjs.org, or Docker Hub, Sonatype Nexus Repository acts as the intermediary. Before using this proxy repository feature, each build needed access to external repositories, resulting in higher download times, increased bandwidth usage, and potential security concerns. With the Sonatype Nexus Repository proxy repository, the developer or CI/CD tool connects to the proxy repository, which in turn connects to the internet. If a package is not available in our proxy repository, it downloads it the first time and caches it locally. In the future, when the same developer or any new application team requests the same package, it serves directly from Sonatype Nexus Repository itself without connecting to the internet again. This caching leads to faster builds, reduced internet bandwidth, better reliability, enhanced security, and consistent builds by using the same cached artifacts. In summary, proxy caching has significantly improved our CI/CD performance by caching external dependencies locally, achieving more than 70 to 80% reduction of artifact retrieval time, positively impacting our workflow and performance.

“Sonatype Nexus Repository positively impacts our organization by improving stability, as I have had an excellent experience in terms of stability and have not faced significant downtime or reliability issues during production use. The platform scales based on our environment needs as we run it inside Docker containers, allowing us to scale out our development and deployment without major challenges. Customer support has been proficient, especially during significant migrations, such as transitioning storage from the blob format or upgrading from one version to another, which has happened seamlessly. The governance aspect is noteworthy as it provides superior control over software artifacts. In terms of cost and operational savings, we have measurable operational benefits by reducing duplicate artifact downloads, bandwidth usage, and minimizing manual repository management. One significant benefit is the standardization across the organization, providing a centralized platform for managing various package formats across projects. Overall, it helps us establish a centralized artifact management view and strategy, improving collaboration between development and DevOps teams using a single trusted platform for different technologies while supporting various repository formats such as proxy and hosted features, RBAC, and repository governance, thus enhancing security and reducing management efforts. .”

GauravS08

Cloud ARchitect at a tech vendor with 10,001+ employees

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Other Solutions Considered

“We previously used Jfrog, but we switched to Sonatype Nexus Repository due to its user-friendliness and being feature-rich. These are the main reasons, as Sonatype Nexus Repository is straightforward to set up, user-friendly, and more feature-rich..”

Pranoday Dingare

Senior Manager, Projects at a tech vendor with 10,001+ employees

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“To be very honest, we did not evaluate other options before choosing Sonatype Nexus Repository. We were convinced that it would be the best solution to replace Jfrog, so we went ahead with it without looking into anything else..”

Pranoday Dingare

Senior Manager, Projects at a tech vendor with 10,001+ employees

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Previously, every team managed artifacts locally, and with the industry's trend toward DevOps about eight to ten years ago, we explored various repository management options, including JFrog Artifact Repository. However, we did not find JFrog suitable because Sonatype Nexus Repository proved easier to maintain, administer, and integrate with CI/CD pipelines, making it best suited for our operational requirements.

GauravS08

Cloud ARchitect at a tech vendor with 10,001+ employees

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Before using the Sonatype Nexus Repository, we used Harbor to store image files. For artifacts and binary files, we stored them on GitLab. After implementing the Sonatype Nexus Repository, our process became simpler and easier to understand, making it a better solution.

Thien Phan

Platform Engineer at CODE88 PTE. LTD.

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We evaluated several solutions including JFrog, ECR from AWS, and Black Duck. However, these options were too complicated and offered more functionality than we needed. The Sonatype Nexus Repository aligned with our vision, so we chose it after testing all alternatives.

Thien Phan

Platform Engineer at CODE88 PTE. LTD.

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“We didn't look at any of the competing products at the time because we were happy with what we're getting from the open-source product. And we were happy with the conversation that we had with Sonatype around their Repository enterprise product. So we went with that..”

ColinStandish

Project Manager at a recreational facilities/services company with 10,001+ employees

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ROI

Real user quotes about their ROI:

“Time saved is what I can highlight with Sonatype Nexus Repository. There was no need for additional employees because that could be managed by a CI/CD pipeline. Typically, one or two people are needed for Sonatype Nexus Repository management..”

Suryansh Srivastava

Senior DevOps Engineer at a tech services company with 51-200 employees

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“The product team has seen some return on investment, because they have avoided some vulnerabilities thanks to Nexus IQ. They have avoided legal problems around the licenses that are embedded in our products, by raising policy violations during scans..”

Christophe Arnaud

Engineering Manager at a tech vendor with 10,001+ employees

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“I would say that considering the environment and everything, for one person, I managed to save approximately one hour a month with Sonatype Nexus Repository. However, you need to scale this for the number of people that you have in the company. The bigger your organization is, the more benefit you get..”

Daniele Palumbo

Enterprise System Architect at Value Transformation Services

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“It's all about productivity. There is tangible productivity there. The speed of development is faster.

Also, if you develop a new team and all of them need the same library, you don't want every developer going to get this library. It's uploaded once and it's being used everywhere..”

Verified user

Senior Application Architect at a financial services firm with 10,001+ employees

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“We have seen a return on investment by saving significant time, more than 50 percent of our build and deploy pipeline time, leading to a clear ROI. Additionally, we save money because we transitioned from maintaining a lot of private repositories over public artifactories to Sonatype Nexus Repository. The efficiency and saved time are substantial. We have saved more than 50 percent of our time and money by shifting all artifact management to Sonatype Nexus Repository..”

Pranoday Dingare

Senior Manager, Projects at a tech vendor with 10,001+ employees

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“We don't really measure the return of investment on this particular tool. It was put in as an essential-tool product.

I do have a real gut feeling that if we didn't use Nexus Repository, it would affect the productivity of our developers across two cities in the UK, Leeds and London, as well as Gibraltar, Krakow in Poland, and the guys out in Manila, New Jersey and Las Vegas. Being able to have one product that we can scale globally, for developers across our organization, has been great..”

ColinStandish

Project Manager at a recreational facilities/services company with 10,001+ employees

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Use Case

“My main use case for Sonatype Nexus Repository was as the repository for storing internally developed artifacts. As a developer while building applications, I pulled dependencies from Sonatype Nexus Repository. Dependencies such as Log4j, Spring Boot, and any other dependencies used in our applications would be pulled from Sonatype Nexus Repository..”

Verified user

DevSecOps Security Engineer at a manufacturing company with 10,001+ employees

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“Our main use case for Sonatype Nexus Repository is managing artifacts and having them in a central repository that is accessible for all our software engineers on the team. In our day-to-day activities, we use Sonatype Nexus Repository for managing artifacts, and it gives us a centralized repository instead of pulling from public Maven NPM registries every time. Our organization has internal libraries hosted on Sonatype, so software engineers pull these libraries from Sonatype Nexus Repository, which solves the problem of engineers pulling libraries from Maven almost all the time..”

Ibrahim Routine

Software Engineer at a financial services firm with self employed

[Read full review](#) 

“I use Sonatype Nexus Repository for downloading packages. My application was Java-based and Spring Boot-based, so I was downloading packages from Sonatype Nexus Repository and uploading the WAR file that was built during the CI process to Sonatype Nexus Repository.

In my CI/CD process, there was a Sonatype Nexus Repository upload stage that was executed after completing stages such as build, Sonar scan, Sonatype Nexus IQ scan, and testing. Once all these stages were completed and the WAR file was built, the Sonatype Nexus Repository upload stage would upload the WAR file of my Java application to Sonatype Nexus Repository. In the deployment stage, I would download those WAR files to the servers..”

Suryansh Srivastava

Senior DevOps Engineer at a tech services company with 51-200 employees

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“We use Sonatype Nexus Repository for our internal repository, for image caching, registry caching, and our custom registry. Sonatype Nexus Repository's repository function is definitely the most valuable feature I have found.

I did not test it extensively versus other options, but I can tell you that Sonatype Nexus Repository works in a stable manner. It allows us to have geographical disaster recovery, which was one feature that we needed.

We are using Sonatype Nexus Repository's granular access controls, and we needed to use them because we have several teams. Therefore, it is essential for us, and it is one of the features that we are using by design.

It is a requirement for managing Maven, npm, or Docker, so without it, we cannot do it. You need to have a product—this one or another—you need to have one..”

Daniele Palumbo

Enterprise System Architect at Value Transformation Services

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“I have been working with Sonatype Nexus Repository for more than five years to manage different artifacts in my project.

“Sonatype Nexus Repository is used to maintain different private repositories. We create different private hosted repositories wherein we can maintain our artifacts including Java JAR files or WAR files. We create Docker repositories to maintain our Docker images. Helm repositories are created to manage our Helm charts. Additionally, we create Python repositories, pip repositories for managing Python packages, NuGet repositories for managing .NET artifacts, and NPM repositories for managing Node packages. We also use Sonatype Nexus Repository for creating proxy repositories to cache artifacts, so once any particular machine accesses a public artifact from maven.com or npmjs, those artifacts are cached inside Sonatype Nexus Repository, and then those artifacts are served to the different project machines.

“These are the primary use cases to manage all the artifacts across different projects. We mainly create hosted repositories and proxy repositories. We integrate these repositories with different CI/CD pipeline tools, for example, Jenkins, and we also integrate them with build tools like Maven. Using the build tool lifecycle phases, we deploy the artifacts to the artifactories. Additionally, we create different users on Sonatype Nexus Repository and assign them specific roles according to the user and job requirements. By implementing RBAC or Role-Based Access Control, we control access to our Sonatype Nexus Repository repositories. We also ensure to set up cleanup policies so that our Sonatype Nexus Repository server does not run out of disk space..”

Pranoday Dingare

Senior Manager, Projects at a tech vendor with 10,001+ employees

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I have been working in the telecommunication industry for the last thirteen and a half years, so my overall experience is mostly in Information Technology, Cloud Computing, AI, Automation, and it is in the telecom industry.

I have been using Sonatype Nexus Repository for more than eight years, where it serves as our centralized artifact management tool in my organization to manage artifacts across our enterprise-based applications. It has been our central platform for hosting, proxying, and managing software artifacts while integrating seamlessly with our whole DevOps CI/CD ecosystem.

“Our primary use case of Sonatype Nexus Repository is as a centralized artifact repository, which is used for a wide range of package formats including Docker images, Helm charts, Python modules, NPM modules, Java JAR, and WAR modules.

“We maintain various types of repositories including hosted repositories, group repositories, and proxy repositories for our internal artifacts. Proxy artifacts are used to cache internal dependencies sourced from Maven Central or NPM JavaScript repositories. Once an artifact is downloaded, it caches locally and serves internally so that it can be used by various application teams, which also reduces external dependencies and improves performance. Sonatype Nexus Repository is integrated with various DevOps tools such as Jenkins, GitLab, and also with cloud-provided CI/CD tools, including Maven for enabling automated artifact publishing as part of our CI/CD pipeline. We use role-based access control (RBAC) to manage user permissions and policies to optimize storage. Overall, the main use case is to build a CI/CD pipeline and use CI/CD as a best DevOps practice, where we use Sonatype Nexus Repository to store all artifacts, both internal and external. .”

GauravS08

Cloud ARchitect at a tech vendor with 10,001+ employees

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Setup

The setup process involves configuring and preparing the product or service for use, which may include tasks such as installation, account creation, initial configuration, and troubleshooting any issues that may arise. Below you can find real user quotes about the setup process.

“The installation process for Sonatype Nexus Repository is managed by a team that is not involved with security directly, so I am not sure how complex it is..”

Amal Alshehri

Lead Cybersecurity Analyst at Saudi Aramco

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“The setup cost for Sonatype Nexus Repository is not much, and it is easy to follow. The licensing is also reasonable, and we have no complaints regarding the costs associated with Sonatype Nexus Repository. We are quite satisfied with it..”

Pranoday Dingare

Senior Manager, Projects at a tech vendor with 10,001+ employees

[Read full review](#) 

“I participated in the initial setup process of Sonatype Nexus Repository. It was very smooth because the pre-sales team of Sonatype did a very nice job, so it was easy to implement..”

Daniele Palumbo

[Read full review](#) 

Enterprise System Architect at Value Transformation Services

I performed the initial setup and deployment for the Sonatype Nexus Repository using the Helm chart. The setup process required reading extensive documentation about policies, users, storage configuration, credentials, login procedures, and metrics. These aspects were straightforward, but the background job setup was more challenging as we had to wait several days to observe the actions from the background jobs.

Thien Phan

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Platform Engineer at CODE88 PTE. LTD.

“The initial setup is simple if you have access to container images. It is a seamless process for upgrading as well. Everything is well documented on the vendor’s official site. They form regular maintenance to comply with organizational requirements. They have a good maintenance process for updating and addressing issues. We have a team of 100 executives working on the current project to maintain components..”

Bernard Parinas

Co-Founder at arpa

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“On my team, we actually have Sonatype Nexus Repository installed on all engineers' computers locally, and one of the issues we have with that is the initial setup complexity, leading to disk space management issues whenever we onboard a new engineer into the team. Because of these problems, we have to look for a way to solve this problem, which is actually moving from local to remote server deployment, enhancing team collaboration and shared repository, eliminating redundancy with no duplicates on multiple machines, simplifying dependency management across the team, and having a single source of truth for all of our artifacts, resulting in consistent builds across members, reduced bandwidth, easier onboarding of new team members, and better security.

I recall a day when a developer was onboarded, and I had to help with setup. The new engineer needed to configure Maven, open the M2 settings, the M2 folder, the settings.xml files, add repository URLs, authentication credentials, and all of that. In the afternoon when he tried his first build, it failed due to artifact not found, leading him to run back to me in frustration. Eventually, we discovered he was using the wrong repository order in the settings.xml, making me spend another 30 minutes debugging. At the end of the day, after finally getting this new developer's build working, he expressed that the setup was confusing with multiple URLs to remember, making him feel an unease about whether he was doing something wrong, causing frustration.

After improving the onboarding process by moving to Sonatype Nexus Repository, the setup became much smoother and this new developer stated that setup was super simple, requiring just one URL and one command to get everything working, making him productive within the first hour, which was way better than expected..”

Ibrahim Routine

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Software Engineer at a financial services firm with self employed

Customer Service and Support

Customer support is very good. I have only needed it one or two times, particularly during a version migration from Sonatype 2.x to Sonatype 3.x when handling a substantial amount of data over two terabytes. The support team guided us through the process, which was very helpful.

GauravS08

Cloud ARchitect at a tech vendor with 10,001+ employees

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“I often communicate with Sonatype's technical support and customer service. They are very good. I was mainly in touch with the pre-sales team, but they were always able to adjust to the needs that we had. They are absolutely excellent..”

Daniele Palumbo

Enterprise System Architect at Value Transformation Services

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“The technical support team takes time to respond and depends on the nature of the request. We have to keep contacting them. However, the process to create tickets is simple..”

Bernard Parinas

Co-Founder at arpa

[Read full review](#) 

“We did not get a chance to interact directly with Sonatype's support team because the documentation is so well laid out that we managed to resolve any issues by referring to it. I would really appreciate the documentation team of Sonatype Nexus Repository for their excellent work..”

Pranoday Dingare

Senior Manager, Projects at a tech vendor with 10,001+ employees

[Read full review](#) 

“While it's true that there is no explicit support for various license types, the summer type seems to be highly favored and encouraged among users. It holds a prominent position, perhaps earning a rating of seven for its effectiveness and user adoption.

.”

CuneytGurses

DevOps Engineer at Sonne Technology, Inc.

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“The customer service and support are good because if there are some problems, we can open a ticket there. And usually, we get help within a day at the latest. Often much earlier.

They are good regarding their speed of response, and the staff is very good. .”

Axel Niering

Software Architect Sales Systems at SV Informatik GmbH

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Other Advice

“I have been working with Sonatype Nexus Repository since 2020, and I have continued working with it since 2022. Moving to the pro version of Sonatype Nexus Repository reduced our time to accomplish what we needed to some extent. My main focus is on the Geo-DR part because it is complex and not commonly offered. Most products handle it using external infrastructure, but Sonatype does not. It is self-contained and really helpful in order to move us to where we need to be..”

Daniele Palumbo

Enterprise System Architect at Value Transformation Services

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“One thing at that point in time was that Sonatype Nexus Repository was on-premises, so it did not require authentication. I am not sure how the SaaS model works right now, and I hope authentication and authorization using keyless authentication or workload identity federation is a part of Sonatype Nexus Repository today.

My advice to others looking into using Sonatype Nexus Repository is that if it is an enterprise as big as mine, definitely ensure that enterprise support is covered because a good volume of artifacts is going to be stored in the tool, so enterprise support is definitely recommended..”

Verified user

DevSecOps Security Engineer at a manufacturing company with 10,001+ employees

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“Sonatype Nexus Repository is good for storing packages such as JAR and WAR files. I have not used it for other packages such as Python or other programming languages. However, for Java and [Spring Boot](#) JAR and WAR files, there is flexibility in using Sonatype Nexus Repository. It can also use a small amount of storage if there is a small company. If there is a big company, NFS can be used and Sonatype Nexus Repository can also be installed on-premises or on the [AWS](#) side. Both paid and free versions of Sonatype Nexus Repository are available.

I used [Amazon Web Services](#) for AWS deployment purposes.

I am not certain about the pricing and licensing details because that was not handled by me. My overall review rating for Sonatype Nexus Repository is 7.5 out of 10..”

Suryansh Srivastava

Senior DevOps Engineer at a tech services company with 51-200 employees

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“I am still using the same products, maybe different versions of it. Last time it was [OpenText Fortify](#). They contacted me regarding this.

I have not worked with [OpenText Contact Center Analytics](#) for customer data analysis, though I have heard of it.

I am also using Sonatype Nexus Repository now.

I get the vulnerabilities, and you get what it is doing.

Recently, they acquired something called Firewall, which is another component on top of this, so you can block things and allow things, which is very useful for security.

They stand out in their field.

Sonatype Nexus Repository is doing our purpose well. My overall review rating for this product is 9..”

Amal Alshehri

Lead Cybersecurity Analyst at Saudi Aramco

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“I would give eight out of ten for Sonatype Nexus Repository. I chose eight out of ten because it is feature-rich, and you can create all kinds of repositories. The installation process is also very easy, and the documentation is comprehensive and user-friendly. The overall user-friendliness of all features, from user management to artifact creation, is something I appreciate, which led to my rating of eight.

“I haven't explored the AI features of Sonatype Nexus Repository much, but I have heard about some AI capabilities around governance and security. I have not

worked on these features, so I cannot comment on them currently. Once I try these features and implement them in my project, I would be able to provide feedback.

“Regarding accuracy and reliability, I believe there should be a focus on ensuring accuracy while minimizing any potential hallucination. I would like to see AI capabilities particularly around user management and artifact factory management, expecting around 85 to 95 percent accuracy and reliability from the AI capabilities of Sonatype Nexus Repository.

“I would definitely recommend Sonatype Nexus Repository as it is a stable and user-friendly product. I believe that other teams can also achieve similar returns on investment as we have after implementing Sonatype Nexus Repository.

“We are quite happy with Sonatype Nexus Repository, and I hope the Sonatype team will continue to serve us as they have for many years. My overall rating for this product is eight out of ten..”

Pranoday Dingare

Senior Manager, Projects at a tech vendor with 10,001+ employees

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Proxy caching, specifically for various types of artifacts such as Docker images, NPM images, and Red Hat YUM repository package images, is one of our strongest assets. When my developers or the CI/CD pipelines download dependencies from sources such as Maven Central, npmjs.org, or Docker Hub, Sonatype Nexus Repository acts as the intermediary. Before using this proxy repository feature, each build needed access to external repositories, resulting in higher download times, increased bandwidth usage, and potential security concerns. With the Sonatype Nexus Repository proxy repository, the developer or CI/CD tool connects to the proxy repository, which in turn connects to the internet. If a package is not available in our proxy repository, it downloads it the first time and caches it locally. In the future, when the same developer or any new application team requests the same package, it serves directly from Sonatype Nexus Repository itself without connecting to the internet again. This caching leads to faster builds,

reduced internet bandwidth, better reliability, enhanced security, and consistent builds by using the same cached artifacts. In summary, proxy caching has significantly improved our CI/CD performance by caching external dependencies locally, achieving more than 70 to 80% reduction of artifact retrieval time, positively impacting our workflow and performance.

Sonatype Nexus Repository positively impacts our organization by improving stability, as I have had an excellent experience in terms of stability and have not faced significant downtime or reliability issues during production use. The platform scales based on our environment needs as we run it inside Docker containers, allowing us to scale out our development and deployment without major challenges. Customer support has been proficient, especially during significant migrations, such as transitioning storage from the blob format or upgrading from one version to another, which has happened seamlessly. The governance aspect is noteworthy as it provides superior control over software artifacts. In terms of cost and operational savings, we have measurable operational benefits by reducing duplicate artifact downloads, bandwidth usage, and minimizing manual repository management. One significant benefit is the standardization across the organization, providing a centralized platform for managing various package formats across projects. Overall, it helps us establish a centralized artifact management view and strategy, improving collaboration between development and DevOps teams using a single trusted platform for different technologies while supporting various repository formats such as proxy and hosted features, RBAC, and repository governance, thus enhancing security and reducing management efforts.

“In terms of measurable operational benefits, Sonatype Nexus Repository has significantly improved our software delivery life cycle. By implementing the proxy repository and using centralized artifact management, we have achieved more than a 60 to 70% reduction in artifact retrieval and build deployment pipeline times, which has minimized dependency download layers and internet bandwidth usage, ultimately yielding over a 70% improvement in build and deployment pipeline efficiency.

“I advise organizations looking for a reliable, scalable, and easy-to-manage artifact repository management solution to consider Sonatype Nexus Repository.

Organizations should take advantage of the proxy repository early in the implementation process, as it delivers significant benefits by caching external dependencies. Implementing proper repository governance from the start, including clear naming standards, RBAC and access policies, cleanup strategies, and lifecycle management best practices, is crucial. Overall, Sonatype Nexus Repository is a mature, stable platform that can greatly enhance the software delivery process. I highly recommend Sonatype Nexus Repository to any organization looking for a reliable, scalable solution, as it has greatly benefited me personally and my organization. I rate this solution 9 out of 10. .”

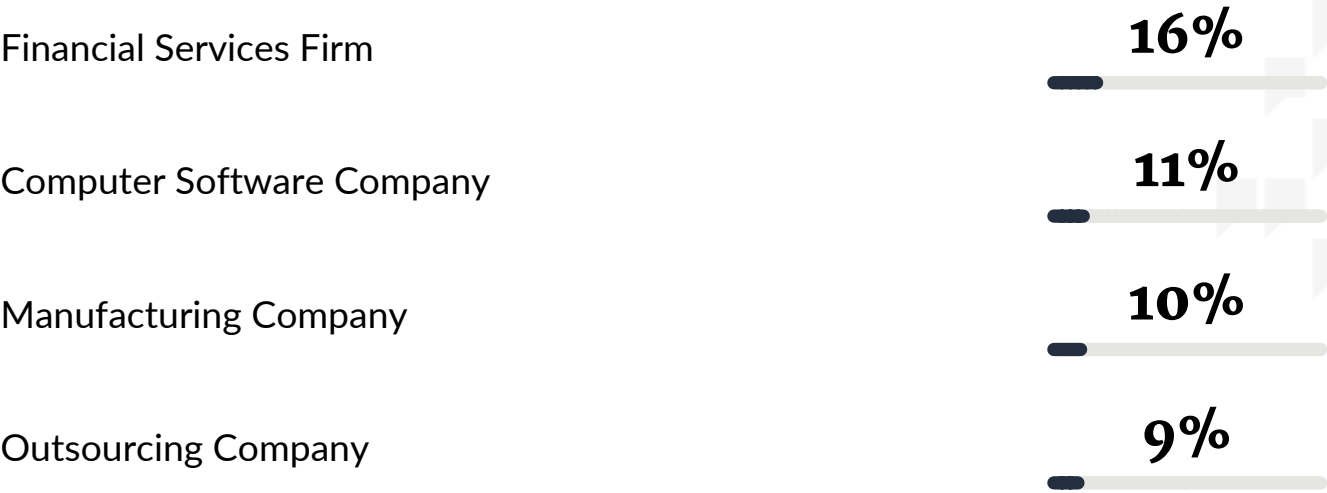
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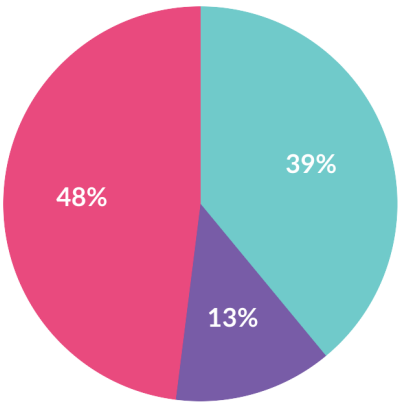
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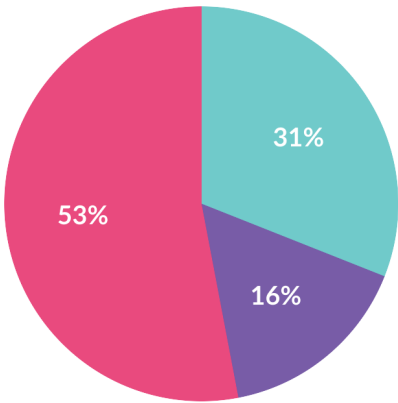


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