

Sonatype Nexus™ Professional

10 Reasons to Use Sonatype Nexus Professional

Can't decide between Nexus Open Source and Sonatype Nexus Professional (Nexus Pro)? Generally speaking, Nexus OSS is for those investigating binary artifact repository management, small teams, or those with simple repository management requirements. Most organizations find that Nexus Pro delivers the additional features and support that they need as they go into production or as their requirements grow. **Consider Nexus Pro if any of the following apply to your organization:**

1 Depend on Your Repository to Deliver On Time, All the Time

You can eliminate unplanned downtime by using a highly available repository configuration built on the enhanced proxy capabilities of Nexus Pro. Multiple proxies behind a load balancer ensure that your developers will always have access to the latest components and ensures continuity of operations.

2 Need Control over Artifact Procurement

Many organizations need to gain better visibility and control over open source components. Nexus Pro enables you to manage component downloads from the Internet. You'll be able to use white lists and black lists to control the components available to developers.

3 Must Avoid Components with License or Security Issues

Repository Health Awareness analyzes your entire repository and reports the popularity, license type and known security vulnerabilities for every open source component. Developers will have the information they need to choose the best components while avoiding license and security risks.

4 Consume or Share .NET Components

Nexus Pro brings the component management features you rely on for Java development to the .NET Framework. Developers can easily share artifacts and collaborate using the NuGet package manager to host and proxy .NET packages in a Nexus repository. You'll also save on support costs by standardizing on a single repository manager for Java, .NET, and OSGI.

5 Want to Improve Your QA and Release Process

Using the Build Promotion and Staging Feature, your operations, quality assurance, and development teams can use the repository manager as a central point of collaboration. You'll improve your development processes with a controlled workflow from development, through QA, and release that ensures components meet your requirements before being promoted to the next stage.

6 Manage Development Groups in Multiple Locations

Nexus Pro helps reduce build times and keeps multi-site teams in sync by collocating proxy servers with developers. Unlike Nexus OSS proxies that may overload the master with requests, the enhanced proxy functionality in Nexus Pro scales to support the largest deployments by pushing component update notifications from the master repository.

7 Use an Enterprise Security System such as LDAP or Atlassian Crowd

Nexus Pro integrates with your existing LDAP or Atlassian Crowd security systems to enable single sign on and ensure consistent access controls across all your development tools. While Nexus Open Source provides basic LDAP support, Nexus Pro adds several key features, including external user role mapping, server mirroring, authentication caching, multiple server support and multiple schema support. It also has been tested with popular LDAP servers such as OpenLDAP, and Microsoft Active Directory Server.

8 Develop and Deploy to OSGi Platforms

Get all the benefits of using a repository manager when developing for OSGi platforms. With Nexus Pro you can configure your builds to publish OSGi bundles to either OSGi or P2 repositories and expose them as a publishing and distribution platform.

9 Want to Improve Developer Productivity

Nexus Pro provides enhanced collaboration and search capabilities that make it easier to develop high quality applications. You'll improve your teamwork by hosting project web sites on the Nexus server, and sharing Maven settings and archetypes. Developers will more easily find and components by searching with custom metadata, browsing archives and viewing component dependencies from within Nexus Pro.

10 Require Professional Support

When you invest in Nexus Pro, you are ensuring support from the team that created the industry-standard in repository management. With Nexus Pro, you not only get the industry-leading repository manager, you get the peace of mind that help is just a phone call away. Sonatype also offers an array of implementation and migration services for organizations looking for an extra level of assistance.

Sonatype Nexus Professional: For as low as \$1,200/year
Purchase, try, or learn more online: www.sonatype.com/nexus

About Sonatype

Sonatype has been on the forefront of creating tools to manage, organize, and better secure components since the inception of the Central Repository and Maven in 2001. Today, over 70,000 companies download over 8 billion components every year from the Central Repository, demonstrating the explosive growth in component-based development. Today's software ecosystem has created a level of complexity that is increasingly hard to manage. Partnering with application developers, security professionals and the open source community, Sonatype has introduced a way to keep pace with modern software development without sacrificing security. We call it Component Lifecycle Management (CLM), the new platform for securing the modern software supply chain.

We believe that to achieve application security, the approach has to be simple to use, integrated throughout the lifecycle and ensure sustaining trust. With CLM we're improving the visibility, management and security of component-based development across the entire lifecycle. Together with our customers, we're ushering in a new era of application security.



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12501 Prosperity Drive • Suite 350

Silver Spring, MD 20904

877.866.2836 • www.sonatype.com