



Sonatype Nexus Repository Hands-On Workshop

Interactive challenges with Maven, NuGet, npm, Docker, and more

This one-day interactive class will showcase the features and benefits of Nexus Repository through in-depth, hands-on exercises. Students will gain the knowledge and experience necessary to set up, use, and administer Nexus Repository. The hands-on exercises use Maven, NuGet, npm, Docker, etc.

Key accomplishments:

- ✓ Learn the benefits of using a repository manager and its role in a modern software supply chain
- ✓ Achieve proficiency with installation and maintenance of your Nexus Repository
- ✓ Master the Nexus Repository user interface as both a user and administrator
- ✓ Gain control over the components in your repository and in your applications
- ✓ Understand how to scale Nexus Repository to support enterprise adoption

742%

Growth in software supply chain attacks since 2019

Block malicious packages
from entering your repository

150x

More open source malware packages identified than Sonatypes' closest competitor

Sonatype **tracks and identifies** over 65M+ malicious components

95x

Sonatype's proven vulnerability identification effectiveness versus certain competitors

Repository management **reduces vulnerable components** by ~20% on average

Recommended for:

Nexus Repository administrators, build/release engineers, and developers who are looking to dive deeper into Nexus Repository's management capabilities. Prior experience with Maven, NuGet, npm, Docker, etc., is highly suggested.

Related products:



Register:

Multiple options are available and prices may vary.

Please contact us at education@sonatype.com for information about pricing or how to register for a workshop.

Sonatype Nexus Repository Hands-On Workshop Outline

NOTE: Requires the ability to run screen-sharing software (Zoom) and complete exercises. Maximum of 10 learners per class.

It's not just the Nexus Repository — it's mastering the art of secure, efficient software delivery

MODULE 1

Getting started

- Install Nexus Repository and configure the basics for initial exploration
- Gain familiarity with the user interface
- Use Nexus Repository in development

MODULE 2

Using Nexus Repository as a user

- Understand components, repository coordinates, and repository management
- Review the role of OSS component repositories
- Configure the Nexus Repository
- Understand repository types and formats
- Create repositories and configure repository settings

MODULE 3

Administering Nexus Repository

- Search for components
- Inspect component characteristics
- Overview of the Repository Health Check
- Understand repository groups
- Download and upload components to the repository

MODULE 4

Integrating Nexus Repository

- Install Nexus Repository for production usage
- Integrate Nexus Repository security with your network security
- Manage configuration, backups, and updates
- Manage groups, repositories, logging, and more
- Understand support tools and how to get help

MODULE 5

Real world scenarios

- Understand and optimize complex deployment topologies
- Optimize your setup for development, QA, etc.
- Review best practices for Nexus Repository configuration and use

About Sonatype Workshops:

Sonatype Workshops jump-start your team's momentum and support essential changes. You'll gain strong foundational skills, expert-led training for every department, and curricula covering everything from Maven and Nexus Repository basics to advanced Sonatype Lifecycle.

Whether you prefer public classes, onsite sessions, or self-paced learning, we can help, including custom courses tailored to your needs. Learn more at sonatype.com/learning-and-development.



Sonatype is the software supply chain management company. We enable organizations to innovate faster in a highly competitive market. Our industry-leading platform empowers engineers to develop software fearlessly and focus on building products that power businesses. Sonatype researchers have analyzed more than 120 million open source components – 40x more than its competitors – and the Sonatype platform has automatically blocked over 115,000 malicious components from attacking software development pipelines. Enabling high-quality, secure software helps organizations meet their business needs and those of their customers and partners. More than 2,000 organizations, including 70% of the Fortune 100 and 15 million software developers, rely on our tools and guidance to be ambitious, move fast and do it securely. To learn more about Sonatype, please visit www.sonatype.com.