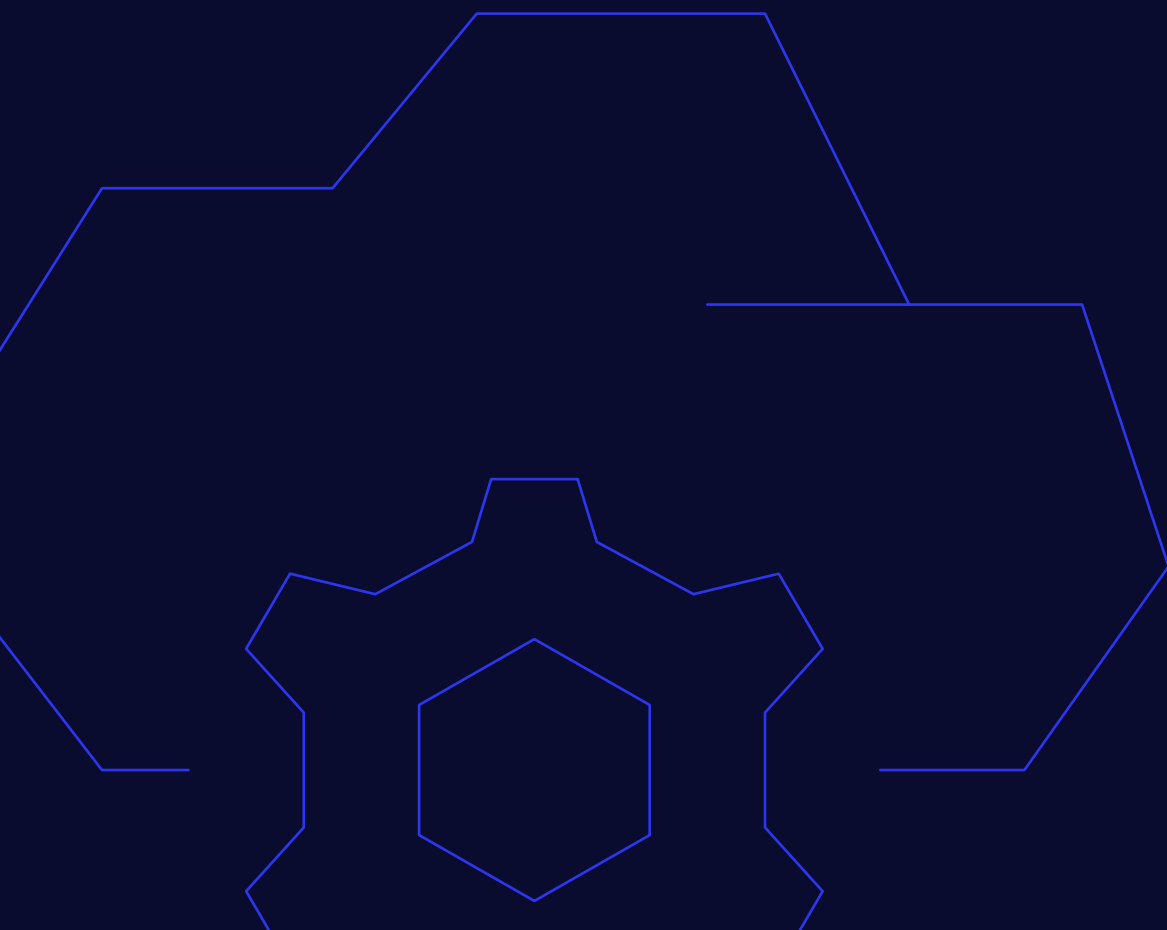


# From Maintenance to Momentum: The Move to Nexus Repository Cloud

Shift from maintaining infrastructure to accelerating innovation with Sonatype's four-step migration framework.



# Supporting Your Digital Transformation Strategy

Software delivery has changed, and so have the expectations placed on the teams behind it. As hybrid development models, distributed workforces, and stricter security mandates become the norm, traditional on-premises repository models can become blockers rather than enablers.

According to Flexera's 2025 State of the Cloud Report, **94% of enterprises** use at least one public cloud platform, and **62% now run most of their workloads in the cloud**. These same forces (performance, scalability, security, and speed) increasingly motivate Nexus Repository customers to evaluate a move to the cloud.

By migrating to Nexus Repository Cloud, teams gain:

- **Freedom from maintenance.** Eliminate patching, upgrades, infrastructure upkeep, and downtime windows.
- **Speed and scalability.** Enjoy 99.9% uptime and elastic scale powered by AWS.
- **Confidence and compliance.** Rely on enterprise-grade security controls, data isolation, and automated backups.
- **Developer velocity.** Integrate seamlessly with GitHub Actions, Jenkins, Azure DevOps, and other modern CI/CD tools.

In short: you keep everything you value about Nexus Repository - reliability, policy enforcement, ecosystem compatibility - while Sonatype handles the operational heavy lifting so your teams can focus on building great software.

## Addressing Common Concerns About Migration

It's natural for teams to feel hesitant about migrating a mission-critical system like the repository that sits at the center of your build and release workflows. Sonatype Migration Specialists anticipate these concerns and use validated tooling and a structured delivery approach to ensure continuity, visibility, and peace of mind.

### Concern 1:

**"Our builds might break or the migration may disrupt our work."**

#### How we address it:

Migration includes staged configuration reads/writes, a two-phase content migration process, and status and connectivity checks for the source and target environments. The migrator performs an initial bulk migration followed by a polling phase so assets can continue flowing while the new environment is prepared. Checkpoint reviews help keep all build workflows online and predictable.

### Concern 2:

**"We may lose data or something may not transfer correctly."**

#### How we address it:

The migrator uses configuration-driven mappings, content pagination, and state tracking to safely move assets. It migrates existing content from supported hosted repositories first, then picks up any new assets using timestamp-based detection. Specialists review logs, results, and functional behavior to confirm the cloud environment aligns with expectations before cutover.

### Concern 3:

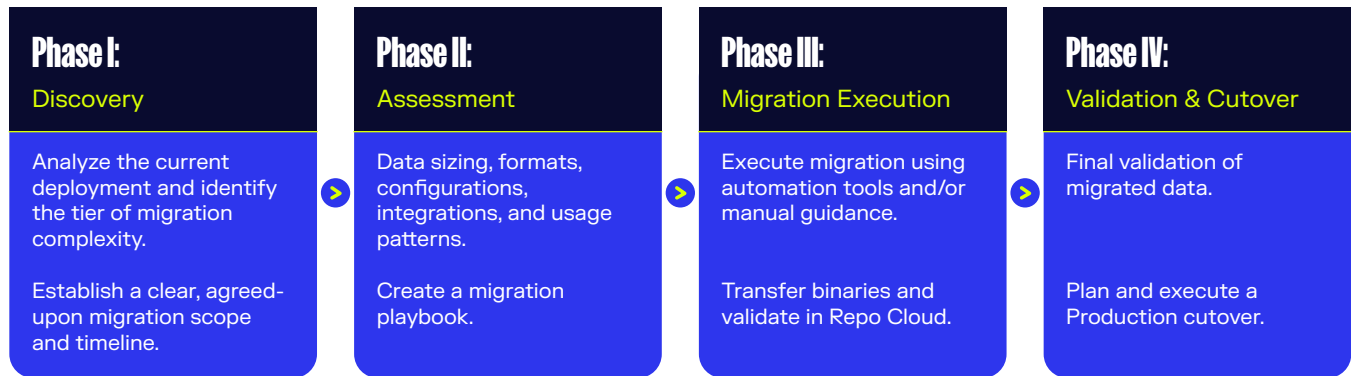
**"Our CI/CD integrations may break or require major rework."**

#### How we address it:

Migration Specialists review repository configurations, mappings, and connectivity to ensure your CI/CD systems transition smoothly. The service includes integration review and recommendations, and the migrator provides detailed status and logging so teams can verify workflows in a controlled, low-risk manner.

# The Sonatype Migration Framework

Sonatype's expert-led Migration Services follow a proven **four-step process** designed to reduce risk, maintain continuity, and deliver a validated transition to Nexus Repository Cloud. Every stage is built around clarity and collaboration so your team always knows what's happening, why it matters, and what comes next.



## The Migration Framework at a Glance

### 1. Discovery — Understand Your Environment

We document your current repository setup, integrations, and business drivers to align on scope, goals, and potential blockers.

### 2. Assessment — Build a Plan You Can Trust

We translate discovery findings into a detailed migration plan that defines the target architecture, continuity strategy, timelines, and responsibilities.

### 3. Execution — Move with Structure and Control

Using purpose-built tooling and two-phase content migration, we move supported repository content while keeping your existing workflows running.

### 4. Validation & Cutover — Confirm, Transition, and Go Live

We assess data migration activity, configuration details, and integration alignment before guiding the transition to your Nexus Repository Cloud environment and handing off to Customer Success.

## 1. Discovery

**Goal:** Understand where you are today, and where you want to go.

In this phase, Migration Specialists build a complete picture of your existing Nexus Repository or JFrog Artifactory deployment. This includes repository formats, storage patterns, integrations, usage behaviors, and any unique requirements that may affect the migration.

Through a structured intake conversation, we identify:

- Platforms, versions, and deployment models
- Key CI/CD, scanning, and developer tool integrations
- Business drivers such as consolidation, compliance, or cloud-first initiatives
- Timelines, pain points, and success criteria

**Outcome:** a shared understanding of your environment, priorities, and the scope of your migration.

## 2. Assessment

**Goal:** Translate discovery findings into a plan you can trust.

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Assessment transforms discovery insights into a detailed, risk-aware migration plan. Specialists analyze configurations, data volume, usage patterns, and dependencies to define the most efficient approach.

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The assessment focuses on:

- Defining checkpoints throughout the migration to help track progress and maintain continuity
- Outlining rollback considerations so the team has clear options if adjustments are required
- Clarifying responsibilities between your team and Sonatype's Migration Specialists
- Sequencing key migration activities so the work progresses in a predictable, organized manner

If potential blockers surface during this phase, we identify them early so they can be accounted for in the plan and discussed before execution begins.

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**Outcome:** a structured, clearly defined migration plan that aligns expectations, responsibilities, and the sequence of work.

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## 3. Execution

**Goal:** Move with confidence and keep your developers productive throughout.

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This phase is where the migration happens. Using validated tooling including the **Nexus Repository Instance Migrator** we move repository content and configurations into Nexus Repository Cloud safely and predictably.

The migrator supports configuration-driven mappings, state tracking, and a **two-phase content migration** that keeps the source environment active while the cloud environment is built and validated.

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During execution, Sonatype Migration Specialists:

- Migrate binaries, metadata, and permissions using secure, tested tooling
  - Examine CI/CD integrations and provide recommendations for alignment
  - Review key workflows with your team to support readiness for cutover
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**Outcome:** a production-ready Nexus Repository Cloud environment supported by clear migration documentation and a structured hand-off.

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## 4. Validation & Cutover

**Goal:** Prove stability, finalize handoff, and celebrate your go-live.

After content and configuration work is complete, Migration Specialists perform final checks to ensure the cloud environment behaves as intended. This includes data integrity verification, configuration alignment, access testing, and integration validation.

Together, we:

- Examine environment access and operation
- Conduct user acceptance testing and workflow benchmarking
- Support your transition to Nexus Repository Cloud once migration activities are complete

Once validated, your team transitions to **Sonatype Customer Success**, who support long-term optimization and operational growth.

**Outcome:** a smooth, low-risk cutover and a clear path for ongoing success.

## Why Move Now?

Organizations that have migrated to Nexus Repository Cloud report meaningful improvements:

**Up to 40%  
reduction**

in maintenance overhead

**70% faster  
onboarding**

for new developers

**99.9%  
uptime**

backed by enterprise-grade  
AWS infrastructure

With the right framework, migration isn't a disruption. It's an upgrade to how your organization builds, secures, and ships software.

## Ready to Get Started?

**Connect with Sonatype's migration specialists to plan your move to Nexus Repository Cloud. →**



Sonatype is the leader in secure software development built on open source and AI. As the maintainers of Maven Central and creators of Nexus Repository, Sonatype has spent two decades pioneering how the world manages and secures open source software — making Sonatype the trusted authority for modern software supply chains. With unmatched open source visibility and a unified product suite built for modern software development, Sonatype gives enterprises the intelligence and automated governance they need to harness the full potential of open source and AI. Sonatype handles the complexity behind the scenes: guiding component and model selection, blocking harmful malicious code, automating dependency and vulnerability management, and ensuring faster, more reliable builds — so developers spend more time on innovation and less time on remediation and rework. Trusted by more than 15 million developers, Sonatype helps power secure, modern software development at nearly 2,000 global organizations including 70% of the Fortune 100. To learn more about Sonatype, please visit [www.sonatype.com](https://www.sonatype.com)