

Nexus Repository setup

To create a repository and set up a clean-up policy in NEXUS.

Sage1:-

To create a new repository

Go to nexus UI

step1:-

1. Server administration and configuration>2.Repository>3.Repositories>4.create repository

The screenshot shows the Sonatype Nexus Repository Manager interface. The left sidebar has 'Administration' selected, with 'Repository' and 'Repositories' highlighted. The main panel shows the 'Repositories' page with a table of existing repositories. A red box highlights the 'Create repository' button at the top left of the main panel.

Name ↑	Type	Format	Status	URL	Health check	IQ Policy Vi...
argoid_prod_build_releases	hosted	raw	Online	copy	Analyze	Analyze
argoid_pypi_hosted	hosted	pypi	Online	copy	Analyze	Analyze
argoid_pypi_proxy	proxy	pypi	Online - Remote Available	copy	Analyze	Analyze
argoid_repository	hosted	raw	Online	copy	Analyze	Analyze
argoid_stage_build_releases	hosted	raw	Online	copy	Analyze	Analyze
maven-central	proxy	maven2	Online - Ready to Connect	copy	Analyze	Analyze
maven-proxy	proxy	maven2	Online - Remote Available	copy	Analyze	Analyze
maven-public	group	maven2	Online	copy	Analyze	Analyze
maven-releases	hosted	maven2	Online	copy	Analyze	Analyze
maven-snapshots	hosted	maven2	Online	copy	Analyze	Analyze
nuget-group	group	nuget	Online	copy	Analyze	Analyze
nuget-hosted	hosted	nuget	Online	copy	Analyze	Analyze
nuget.org-proxy	proxy	nuget	Online - Ready to Connect	copy	Analyze	Analyze

Step2:-

select recipe raw-formats

The screenshot shows the Sonatype Nexus Repository Manager interface with the 'Select Recipe' dialog box open. The dialog box has a search bar and a list of recipes. The 'raw (group)' recipe is highlighted with a red box.

Recipe ↑
maven2 (group)
maven2 (hosted)
maven2 (proxy)
npm (group)
npm (hosted)
npm (proxy)
nuget (group)
nuget (hosted)
nuget (proxy)
p2 (proxy)
pypi (group)
pypi (hosted)
pypi (proxy)
r (group)
r (hosted)
r (proxy)
raw (group)
raw (hosted)
raw (proxy)
rubygems (group)
rubygems (hosted)
rubygems (proxy)
yum (group)
yum (hosted)

Step3:-

Type the name and select raw format..

Sonatype Nexus Repository Manager OSS 3.31.1-01

Administration

- Repository
- Repositories**
- Blob Stores
- Cleanup Policies
- Content Selectors
- Proprietary Repositories
- Routing Rules

Security

- Privileges
- Roles
- Users
- Anonymous Access
- LDAP
- Realms
- SSL Certificates
- IQ Server

Repositories / Select Recipe / Create Repository: raw (hosted)

Name: A unique identifier for this repository

This field is required

Online: ☒ If checked, the repository accepts incoming requests

Raw

Content Disposition:
Add Content-Disposition header as 'Attachment' to disable some content from being inline in a browser.

Storage

Blob store:
Blob store used to store repository contents

This field is required

Strict Content Type Validation:
☐ Validate that all content uploaded to this repository is of a MIME type appropriate for the repository format

Hosted

Deployment policy:
Controls if deployments of and updates to artifacts are allowed

Proprietary Components:
☐ Components in this repository count as proprietary for namespace conflict attacks (requires Sonatype Nexus Firewall)

Click on create Repository..

Strict Content Type Validation:
☐ Validate that all content uploaded to this repository is of a MIME type appropriate for the repository format

Hosted

Deployment policy:
Controls if deployments of and updates to artifacts are allowed

Proprietary Components:
☐ Components in this repository count as proprietary for namespace conflict attacks (requires Sonatype Nexus Firewall)

Cleanup

Cleanup Policies:
Components that match any of the Applied policies will be deleted

Available

Filter

clean_tar_prod_30d
clear_tar_stage_30d

Applied

Create repository Cancel

A repository has been created..

Stage2:-

To set up a cleanup policy

The screenshot shows the Sonatype Nexus Repository Manager Administration interface. The left sidebar contains the 'Administration' menu with 'Cleanup Policies' highlighted. The main content area is titled 'Cleanup Policies' and includes a 'Create Cleanup Policy' button. A table lists existing cleanup policies: 'clean_tar_prod_30d' and 'clear_tar_stage_30d'. A 'Filter' input is present above the table. A callout box explains what a cleanup policy is.

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 - Realms
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- Support

Cleanup Policies

Manage component removal configuration

Create Cleanup Policy

Filter

NAME	FORMAT	NOTES
clean_tar_prod_30d	*	>
clear_tar_stage_30d	*	>

What is a cleanup policy?

Cleanup policies can be used to remove content from your repositories. These policies will execute at the configured frequency. Once created, a cleanup policy must be assigned to a repository from the [repository configuration screen](#). For more information, check the [documentation](#).

create a new cleanup policy and select from a format available..

The screenshot shows the 'Create Cleanup Policy' form in the Sonatype Nexus Repository Manager Administration interface. The left sidebar is the same as the previous screenshot. The form fields are: 'Name' (Test_vasu), 'Format' (All Formats), 'Notes' (empty), and 'Cleanup Criteria' (Component Age checked, 10 days ago).

Administration

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- Cleanup Policies**
- Content Selectors
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 - Anonymous Access
 - LDAP
 - Realms

Name

Use a unique name for the cleanup policy

Test_vasu

Format

The format that this cleanup policy can be applied to

All Formats

Notes

Cleanup Criteria

☒ **Component Age**

Remove components that were published over:

10 days ago

Go back to repositories and select a repository that we want to configure cleanup policy

select from available cleanup policies and keep them in the applied section and save them to apply cleanup policy..

Administration

▼ Repository

Repositories

Blob Stores

Cleanup Policies

Content Selectors

Proprietary Repositories

Routing Rules

▼ Security

Privileges

Roles

Users

Anonymous Access

LDAP

Realms

SSL Certificates

IQ Server

Support

Repositories / test_vasu

Delete repository Rebuild index

Settings

Hosted

Deployment policy:
Controls if deployments of and updates to artifacts are allowed
Allow redeploy

Proprietary Components:
☐ Components in this repository count as proprietary for namespace conflict attacks (requires Sonatype Nexus Firewall)

Cleanup

Cleanup Policies:
Components that match any of the Applied policies will be deleted

Available

Filter

clean_tar_prod_30d
clean_tar_stage_30d

Applied

Test_vasu

Save Discard