



Migration Guide: List all projects v1 API <> REST Projects

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Overview

On June 22nd, 2023, we [announced](#) the plan to sunset [List all projects v1 API](#) (with an end-of-life on December 22nd, 2023) in favor of the [REST List all projects API](#).

We understand that migrating to a new API can be a significant undertaking, and we want to support you throughout the process. To facilitate a seamless transition, we have prepared this comprehensive migration guide, which includes step-by-step instructions, code examples, and best practices to help you smoothly integrate with the new API.

If you are using the deprecated endpoint, we encourage you to review this migration guide and move all your automations over before Friday, December 22nd, 2023.



Timeline

Step	Due date	Your Action Items
Announce that List all projects v1 API is now deprecated	Jun 22, 2023	Review the current API usage and use and identify where a migration would need to take place
Migration guide to be published with a detailed comparison between v1 and REST Projects API	Jun 22, 2023	Review the migration guide and plan to migrate any existing code and workflows before the final date
List all projects v1 API will now return 410 Gone: <ul style="list-style-type: none"> - For all all newly created groups on Enterprise Plan - For all newly created organizations on other plans with access to API 	Jun 22, 2023	No action needed for existing users on Enterprise plan New users should use the REST Projects API for all new integrations
Snyk Tools	Aug 15, 2023	Customers using Snyk Tools need to upgrade to a version that supports using REST Projects API instead of v1 Refer to the detailed list included in this guide
List all projects v1 API documentation removal	Sep 22, 2023	No action needed
Brownout - During these time windows, the API will return 410 Gone for all requests.	Oct 23, 2023 1 hour starting at 12:00 UTC	No action needed. If you require further support during this window, please raise a support ticket.
Brownout - During these time windows, the API will return 410 Gone for all requests.	Nov 16, 2023 2 hours starting at 6:00 UTC	No action needed. If you require further support during this window, please raise a support ticket.
Brownout - During these time windows, the API will return 410 Gone for all requests.	Dec 6, 2023 4 hours starting 17:00 UTC	No action needed. If you require further support during this window, please raise a support ticket.
End-of-life: All access to List all projects v1 API will result in a 410 Gone response.	Dec 22, 2023	Ensure a migration has been completed by this time to avoid disruption to automated workflows



Snyk Tools

The following Snyk tools that use the [List all projects v1 API](#) have been updated to use the [REST List all projects API](#) under the hood instead:

- [snyk-jira-tickets-for-new-vulns](#): version **5.0.0** or newer
- [snyk-api-ts-client](#): version **1.11.1** or newer
- [snyk-request-manager](#): version **1.8.1** or newer
- [backstage-plugin](#): version **2.0.0** or newer
- [api-import-tool](#): version **1.99.0** or newer
- [snyk-scm-mapper](#): **latest** version
- [pysnyk](#): version **0.9.15** or newer
- [snyk-repo-diff](#): **latest** version
- [snyk delta](#): version **1.9.0** or newer
- [snyk-tags-tool](#)
- [scm-contributors-count](#)
- [snyk-issues-to-csv](#): **latest** version
- [snyk-disallow](#): this tool is now deprecated
- [snyk-prevent-gh-commit-status](#): version **2.2.1** or newer
- Various [CX Tools](#) code samples have been updated



Comparison of v1 vs REST Projects API

V1 /org/:orgId/projects	REST /orgs/:orgId/projects
org.name	<i>data[i].relationships.organization.links.related</i> - Provides a REST API link to retrieve more data about an organization via REST GET /orgs/:org_id
org.id	<i>data[i].relationships.organization.data.id</i> - Can additionally use provided rest API link to retrieve more data about organization via REST GET /orgs/:org_id
name	<i>data[i].attributes.name</i>
created	<i>data[i].attributes.created</i>
origin	<i>data[i].attributes.origin</i>
type	<i>data[i].attributes.type</i>
readOnly	<i>data[i].attributes.read_only</i>
testFrequency	<i>data.[i].settings.recurring_tests.frequency</i>
totalDependencies	Can be fetched optionally by specifying the <i>meta.latest_dependency_total</i> query parameter
issueCountBySeverity.low issueCountBySeverity.medium issueCountBySeverity.high issueCountBySeverity.critical	Can be fetched optionally by specifying the <i>meta.latest_issue_counts</i> query parameter
imageId	Can be fetched from the latest project snapshot via v1 POST org/:orgId/project/:projectId/history
imageTag	Can be fetched from the latest project snapshot via v1 POST org/:orgId/project/:projectId/history
imageBaseImage	Can be fetched from the latest project snapshot via v1 POST org/:orgId/project/:projectId/history
imagePlatform	Can be fetched from the latest project snapshot via v1 POST org/:orgId/project/:projectId/history
imageCluster	<i>data[i].target.data.integration_data.cluster</i> - Use the <i>expand</i> parameter to expand the target relationship
remoteRepoUrl	<i>data[i].target.data.url</i>
lastTestedDate	<i>meta.latest_dependency_total.updated_at</i> or <i>meta.latest_issue_counts.updated_at</i> - can be fetched optionally by specifying the <i>meta.latest_issue_counts</i> or <i>meta.latest_dependency_total</i> query parameter
owner.id owner.name	<i>data[i].relationships.owner.links.related</i> - provides REST API link to retrieve more data about importing



V1 /org/:orgId/projects	REST /orgs/:orgId/projects
owner.username owner.email	user via REST GET /orgs/:org_id/users/:id (beta)
browseUrl	N/A - can be constructed using organization ID and project ID https://app.snyk.io/org/:orgId/project/:projectId
importingUser.id importingUser.name importingUser.username importingUser.email	<i>data[i].relationships.importer.data.id,</i> <i>data[i].relationships.importer.links.related</i> Additionally provides REST API link to retrieve more data about importing user via REST GET /orgs/:org_id/users/:id (beta)
isMonitored	<i>data[i].status</i>
branch	<i>data[i].attributes.target_reference</i>
targetReference	<i>data[i].attributes.target_reference</i>
"tags": [{ "key": "example-tag-key", "value": "example-tag-value" }]	<i>data[i].attributes.tags[{ "key": "example-tag-key", "value": "example-tag-value" }]</i>
attributes.criticality	<i>data[i].attributes.business_criticality</i>
attributes.environment	<i>data[i].attributes.environment</i>
attributes.lifecycle	<i>data[i].attributes.lifecycle</i>



Filters

<p>Filter by name</p> <p>If supplied, only projects that have a name that starts with this value will be returned</p>	<p>Filter: names</p> <p>Return projects that match the provided names.</p>	<p>Use REST Targets API to find matching targets and then filter the projects based on the target IDs.</p> <p>For filtering without additional API calls, use the expand parameter on REST List all projects for an org to expand the targets relationship and return all relevant target data at the same time</p>
<p>Filter by tags</p>	<p>Filter: tags</p> <p>Return projects that match all the provided tags</p>	<p>Supported from version 2023-02-15 and up</p>
<p>Filter by attributes</p>	<p>Filter: business_criticality, environment and lifecycle</p>	<p>Supported from version 2023-02-15 and up</p>

What's new in the REST Projects API?

Based on OpenAPI specifications, Snyk's REST API was designed to provide a more consistent, friendly, and easy-to-use API framework that introduces some major improvements. The benefits of the new APIs include:

- Consistent versioning
- Pagination and caching
- Improved performance
- Client generation

Projects REST API introduces improved data architecture to facilitate enhanced performance and separation of domains.

Feedback

[Share your feedback.](#)