# Discovery provider · Generic REST API

Discover CIs from a governed REST API with explicit authentication, paging, and mapping.

https://docs.qintoravacloud.com/integrations/discovery-provider/generic_api/

## Prerequisites

- API documentation and stable resource endpoint
- Read-only API identity
- Sample response for mapping and pagination tests

## Configuration steps

1. Configure URL and authentication
2. Define resource path, paging, and rate limit
3. Map response properties to CMDB fields
4. Test a preview before scheduling

## Provider fields

| Field | Type | Requirement and options |
|---|---|---|
| Base URL<br>`baseUrl` | url | Required |
| Authentication scheme<br>`authScheme` | select | Required<br>`oauth2_client_credentials`, `bearer_token`, `api_key`, `basic`, `mtls`, `none` |
| OAuth token URL<br>`tokenUrl` | url | Optional |
| OAuth client ID<br>`clientId` | text | Optional |
| Credential secret alias<br>`credentialSecretAlias` | text | Optional |
| Resource path<br>`resourcePath` | text | Required |
| Pagination strategy<br>`pagination` | select | Required<br>`none`, `page_number`, `offset_limit`, `cursor`, `link_header` |

| Field | Type | Requirement and options |
| --- | --- | --- |
| Header secret alias `requestHeadersSecretAlias` | text | Optional |
| Request template `requestTemplate` | textarea | Optional |
| Response-to-CMDB mapping `responseMapping` | textarea | Required |
| Rate limit / minute `rateLimitPerMinute` | number | Optional |
| Collector / MID server `collector` | text | Optional |

## Verify and troubleshoot

Test with the narrowest supported non-production scope. Confirm that the connection test reaches the expected provider and that the preview or receipt matches the intended scope. Check identity, credential references, network access and provider permissions before retrying. Record the failure stage and redact sensitive payloads when escalating.