

# Log APIs

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# Aggregation

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## /platform/logging.alauda.io/v2/logs/aggregation

### **get** Log Aggregation

Aggregate logs into buckets for chart display with authentication.

#### Parameters

- buckets** (*in query*): **integer**  
Number of buckets for aggregation. Default is 30.
- start** (*in query*): **number** **required**  
Start time of the time range.
- end** (*in query*): **number** **required**  
End time of the time range.
- cluster** (*in query*): **string** **required**  
Name of the cluster.
- logType** (*in query*): **string**  
Type of log. Options: system, platform, kubernetes, workload. Default is workload.
- projects** (*in query*): **string**  
Project names for application logs, comma separated.
- namespaces** (*in query*): **string**  
Namespace names for application logs, comma separated.
- workloads** (*in query*): **string**

Workload type and name pairs for application logs, e.g., Deployment:lanaya. Multiple values separated by commas.

- `podNames` (*in query*): `string`  
Pod names, comma separated.
- `containerNames` (*in query*): `string`  
Container names, comma separated.
- `nodes` (*in query*): `string`  
Node names, comma separated.
- `paths` (*in query*): `string`  
Path names, comma separated.
- `products` (*in query*): `string`  
Product names for product logs, comma separated.
- `components` (*in query*): `string`  
Component names for product logs or Kubernetes logs, comma separated.
- `query` (*in query*): `string`  
Query keywords, supports AND, OR, and escape with backslash.

## Response

- `200` `object` : Successful aggregation response  
*Properties:*
  - `buckets` : `[]Bucket`

## Bucket

- `time` : `number`
- `count` : `integer`

**/platform/logging.alauda.io/v2/clusters/{cluster}/logs/aggregation**

## get Log Aggregation by Cluster

Aggregate logs by cluster into buckets with authentication.

### Parameters

- `cluster` (*in path*): `string` required  
Name of the cluster.
- `buckets` (*in query*): `integer`  
Number of buckets for aggregation. Default is 30.
- `start` (*in query*): `number` required  
Start time of the time range.
- `end` (*in query*): `number` required  
End time of the time range.
- `logType` (*in query*): `string`  
Type of log. Options: system, platform, kubernetes, workload. Default is workload.
- `projects` (*in query*): `string`  
Project names for application logs, comma separated.
- `namespaces` (*in query*): `string`  
Namespace names for application logs, comma separated.
- `workloads` (*in query*): `string`  
Workload type and name pairs for application logs, e.g., Deployment:lanaya. Multiple values separated by commas.
- `podNames` (*in query*): `string`  
Pod names, comma separated.
- `containerNames` (*in query*): `string`  
Container names, comma separated.
- `nodes` (*in query*): `string`  
Node names, comma separated.
- `paths` (*in query*): `string`  
Path names, comma separated.
- `products` (*in query*): `string`  
Product names for product logs, comma separated.

- `components` (*in query*): `string`  
Component names for product logs or Kubernetes logs, comma separated.
- `query` (*in query*): `string`  
Query keywords, supports AND, OR, and escape with backslash.

## Response

- `200` `object`: Successful aggregation response  
*Properties:*
  - `buckets`: `[]Bucket`

## Bucket

- `time`: `number`
- `count`: `integer`

# /platform/logging.alauda.io/v2/projects/{project}/clusters/{cluster}/namespaces/{namespace}/logs/aggregation

## `get` Log Aggregation by Project, Cluster and Namespace

Aggregate logs within a specific project, cluster, and namespace into buckets with authentication.

## Parameters

- `project` (*in path*): `string` `required`  
Name of the project.
- `cluster` (*in path*): `string` `required`  
Name of the cluster.

- `namespace` (*in path*): `string` `required`  
Name of the namespace.
- `buckets` (*in query*): `integer`  
Number of buckets for aggregation. Default is 30.
- `start` (*in query*): `number` `required`  
Start time of the time range.
- `end` (*in query*): `number` `required`  
End time of the time range.
- `logType` (*in query*): `string`  
Type of log. Options: system, platform, kubernetes, workload. Default is workload.
- `workloads` (*in query*): `string`  
Workload type and name pairs for application logs, e.g., Deployment:lanaya. Multiple values separated by commas.
- `podNames` (*in query*): `string`  
Pod names, comma separated.
- `containerNames` (*in query*): `string`  
Container names, comma separated.
- `namespaces` (*in query*): `string`  
Namespace names for application logs, comma separated.
- `nodes` (*in query*): `string`  
Node names, comma separated.
- `paths` (*in query*): `string`  
Path names, comma separated.
- `products` (*in query*): `string`  
Product names for product logs, comma separated.
- `components` (*in query*): `string`  
Component names for product logs or Kubernetes logs, comma separated.
- `query` (*in query*): `string`  
Query keywords, supports AND, OR, and escape with backslash.

## Response

- `200` `object`: Successful aggregation response

*Properties:*

- buckets : []Bucket

## Bucket

- time : number
- count : integer

# Search

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## /platform/logging.alauda.io/v2/logs/search

### **get** Log Search

Search logs with authentication.

#### Parameters

- **start** (*in query*): **number** **required**  
Start time of the time range.
- **end** (*in query*): **number** **required**  
End time of the time range.
- **page** (*in query*): **integer** **required**  
Page number for the query results.
- **pageSize** (*in query*): **integer**  
Number of records per page. For export, 0 means export all.
- **ascending** (*in query*): **boolean**  
Sort order. Default is false (descending).
- **cluster** (*in query*): **string** **required**  
Name of the cluster.
- **logType** (*in query*): **string**  
Type of log. Options: system, platform, kubernetes, workload. Default is workload.
- **projects** (*in query*): **string**  
Project names for application logs, comma separated.

- `namespaces` (*in query*): `string`  
Namespace names for application logs, comma separated.
- `workloads` (*in query*): `string`  
Workload type and name pairs for application logs, e.g., Deployment:lanaya. Multiple values separated by commas.
- `podNames` (*in query*): `string`  
Pod names, comma separated.
- `containerNames` (*in query*): `string`  
Container names, comma separated.
- `nodes` (*in query*): `string`  
Node names, comma separated.
- `paths` (*in query*): `string`  
Path names, comma separated.
- `products` (*in query*): `string`  
Product names for product logs, comma separated.
- `components` (*in query*): `string`  
Component names for product logs or Kubernetes logs, comma separated.
- `query` (*in query*): `string`  
Query keywords, supports AND, OR, and escape with backslash.

## Response

- `200` `object` : Successful log search response  
*Properties:*
  - `items` : `[]LogEntry`

## LogEntry

- `time` : `number`  
Time of the log entry.
- `node` : `string`  
Name of the node.

- `podName` : `string`  
Name of the pod.
- `podId` : `string`  
Identifier of the pod.
- `logData` : `string`  
Log data as a JSON string.
- `logLevel` : `string`  
Severity level of the log.
- `containerName` : `string`  
Name of the container.
- `cluster` : `string`  
Name of the cluster.
- `containerId` : `string`  
Identifier of the container.
- `containerId8` : `string`  
Shortened container identifier.
- `@timestamp` : `string`  
Timestamp in string format.
- `namespace` : `string`  
Namespace of the log.
- `project` : `string`  
Project associated with the log.
- `path` : `string`  
Log path.
- `logId` : `string`  
Unique identifier of the log.
- `logType` : `string`  
Type of the log.
- `logIndex` : `string`  
Index name for the log.
- `component` : `string`  
Component related to the log.

- `product`: `string`  
Product name associated with the log.
- `workload`: `string`  
Workload details.

## /platform/logging.alauda.io/v2/clusters/{cluster}/logs/search

### `get` Log Search by Cluster

Search logs by cluster with authentication.

#### Parameters

- `cluster` (*in path*): `string` `required`  
Name of the cluster.
- `start` (*in query*): `number` `required`  
Start time of the time range.
- `end` (*in query*): `number` `required`  
End time of the time range.
- `page` (*in query*): `integer` `required`  
Page number for the query results.
- `pageSize` (*in query*): `integer`  
Number of records per page. For export, 0 means export all.
- `ascending` (*in query*): `boolean`  
Sort order. Default is false (descending).
- `logType` (*in query*): `string`  
Type of log. Options: system, platform, kubernetes, workload. Default is workload.
- `projects` (*in query*): `string`  
Project names for application logs, comma separated.
- `namespaces` (*in query*): `string`  
Namespace names for application logs, comma separated.

- `workloads` (*in query*): `string`  
Workload type and name pairs for application logs, e.g., Deployment:lanaya. Multiple values separated by commas.
- `podNames` (*in query*): `string`  
Pod names, comma separated.
- `containerNames` (*in query*): `string`  
Container names, comma separated.
- `nodes` (*in query*): `string`  
Node names, comma separated.
- `paths` (*in query*): `string`  
Path names, comma separated.
- `products` (*in query*): `string`  
Product names for product logs, comma separated.
- `components` (*in query*): `string`  
Component names for product logs or Kubernetes logs, comma separated.
- `query` (*in query*): `string`  
Query keywords, supports AND, OR, and escape with backslash.

## Response

- `200` `object` : Successful log search response  
*Properties:*
  - `items` : `[]LogEntry`

## LogEntry

- `time` : `number`  
Time of the log entry.
- `node` : `string`  
Name of the node.
- `podName` : `string`  
Name of the pod.

- `podId` : `string`  
Identifier of the pod.
- `logData` : `string`  
Log data as a JSON string.
- `logLevel` : `string`  
Severity level of the log.
- `containerName` : `string`  
Name of the container.
- `cluster` : `string`  
Name of the cluster.
- `containerId` : `string`  
Identifier of the container.
- `containerId8` : `string`  
Shortened container identifier.
- `@timestamp` : `string`  
Timestamp in string format.
- `namespace` : `string`  
Namespace of the log.
- `project` : `string`  
Project associated with the log.
- `path` : `string`  
Log path.
- `logId` : `string`  
Unique identifier of the log.
- `logType` : `string`  
Type of the log.
- `logIndex` : `string`  
Index name for the log.
- `component` : `string`  
Component related to the log.
- `product` : `string`  
Product name associated with the log.

- `workload`: `string`

Workload details.

## /platform/logging.alauda.io/v2/projects/{project}/clusters/{cluster}/namespaces/{namespace}/logs/search

### `get` Log Search by Project, Cluster and Namespace

Search logs within a specific project, cluster, and namespace with authentication.

#### Parameters

- `project` (*in path*): `string` `required`  
Name of the project.
- `cluster` (*in path*): `string` `required`  
Name of the cluster.
- `namespace` (*in path*): `string` `required`  
Name of the namespace.
- `start` (*in query*): `number` `required`  
Start time of the time range.
- `end` (*in query*): `number` `required`  
End time of the time range.
- `page` (*in query*): `integer` `required`  
Page number for the query results.
- `pageSize` (*in query*): `integer`  
Number of records per page. For export, 0 means export all.
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Sort order. Default is false (descending).
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Project names for application logs, comma separated.
- `workloads` (*in query*): `string`  
Workload type and name pairs for application logs, e.g., Deployment:lanaya. Multiple values separated by commas.
- `podNames` (*in query*): `string`  
Pod names, comma separated.
- `containerNames` (*in query*): `string`  
Container names, comma separated.
- `namespaces` (*in query*): `string`  
Namespace names for application logs, comma separated.
- `nodes` (*in query*): `string`  
Node names, comma separated.
- `paths` (*in query*): `string`  
Path names, comma separated.
- `products` (*in query*): `string`  
Product names for product logs, comma separated.
- `components` (*in query*): `string`  
Component names for product logs or Kubernetes logs, comma separated.
- `query` (*in query*): `string`  
Query keywords, supports AND, OR, and escape with backslash.

## Response

- `200` `object` : Successful log search response  
*Properties:*
  - `items` : `[]LogEntry`

## LogEntry

- `time` : `number`  
Time of the log entry.

- `node` : `string`  
Name of the node.
- `podName` : `string`  
Name of the pod.
- `podId` : `string`  
Identifier of the pod.
- `logData` : `string`  
Log data as a JSON string.
- `logLevel` : `string`  
Severity level of the log.
- `containerName` : `string`  
Name of the container.
- `cluster` : `string`  
Name of the cluster.
- `containerId` : `string`  
Identifier of the container.
- `containerId8` : `string`  
Shortened container identifier.
- `@timestamp` : `string`  
Timestamp in string format.
- `namespace` : `string`  
Namespace of the log.
- `project` : `string`  
Project associated with the log.
- `path` : `string`  
Log path.
- `logId` : `string`  
Unique identifier of the log.
- `logType` : `string`  
Type of the log.
- `logIndex` : `string`  
Index name for the log.

- `component` : `string`

Component related to the log.

- `product` : `string`

Product name associated with the log.

- `workload` : `string`

Workload details.