

# 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`

# /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`

# /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`

# Archive

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

### **get** Log Archive

Export logs as a file 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.
- `fileType` (*in query*): `string`  
File type for export. Options: txt, csv.
- `fields` (*in query*): `string`  
Output field names, comma separated.

## Response

- `200` `string`: Successful log export

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

## get Log Archive by Cluster

Export logs by cluster as a file 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.
- `fileType` (*in query*): `string`  
File type for export. Options: txt, csv.
- `fields` (*in query*): `string`  
Output field names, comma separated.

## Response

- `200` `string`: Successful log export

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

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

Export logs within a specific project, cluster, and namespace as a file 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.

- `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.

- `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.

- `fileType` (*in query*): `string`  
File type for export. Options: txt, csv.
- `fields` (*in query*): `string`  
Output field names, comma separated.

## Response

- `200` `string`: Successful log export

# Context

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

### **get** Log Context

Retrieve log context with authentication.

#### Parameters

- `cluster` (*in query*): `string` **required**  
Name of the cluster.
- `logIndex` (*in query*): `string` **required**  
Name of the log index (ES index or CK table name).
- `logId` (*in query*): `string` **required**  
Log ID.
- `pageSize` (*in query*): `integer`  
Number of records per page. For export, 0 means export all.
- `direction` (*in query*): `string`  
Context direction. Either 'before' or 'after'.

#### Response

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

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

## get Log Context by Cluster

Retrieve log context by cluster with authentication.

### Parameters

- `cluster` (in path): `string` `required`  
Name of the cluster.
- `logIndex` (in query): `string` `required`  
Name of the log index (ES index or CK table name).
- `logId` (in query): `string` `required`  
Log ID.
- `pageSize` (in query): `integer`  
Number of records per page. For export, 0 means export all.
- `direction` (in query): `string`  
Context direction. Either 'before' or 'after'.

### Response

- `200` `object`: Successful log context response

*Properties:*

- `items`: `[]LogEntry`

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

## get Log Context by Project, Cluster and Namespace

Retrieve log context 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.
- `logIndex` (*in query*): `string` `required`  
Name of the log index (ES index or CK table name).
- `logId` (*in query*): `string` `required`  
Log ID.
- `pageSize` (*in query*): `integer`  
Number of records per page. For export, 0 means export all.
- `direction` (*in query*): `string`  
Context direction. Either 'before' or 'after'.

### Response

- `200` `object`: Successful log context 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.

# 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`

# /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`

# /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.
- `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.
- `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.