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Log APIs

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Aggregation

/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

/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

/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/c

ontext

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

/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.