Log APIs

Aggregation Archive Context

Search

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

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`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.