Alauda Container Platform

Monitoring APIs

Indicators [monitoring.alauda.io   **Metrics [monitoring.alauda.io/v**   **Variables [m**

Alauda Container Platform

Indicators [monitoring.alauda.io/v1beta1]

/platform/monitoring.alauda.io/v1beta1/clusters/{cluster}/indicators

`get` Get metrics indicators of a cluster

Retrieve metrics indicators for a specified cluster.

Parameters

- `cluster` (*in path*): `string` required

  Name of the cluster

- `kind` (*in query*): `string`

  Filter by indicator type

- `alertEnabled` (*in query*): `boolean`

  Filter indicators that support alerts

- `multipleEnabled` (*in query*): `boolean`

  Filter indicators that support multiple alert objects

- `dashboardEnabled` (*in query*): `boolean`

  Filter indicators that support custom dashboards

Response

- `200` IndicatorList: Successful response with list of metric indicators

IndicatorList

- `alertEnabled` : `boolean`

  Whether the indicator supports alerts

- `annotations` :

- `kind` : `string`

  Kind of the indicator

- `name` : `string`

  Name of the indicator

- `query` : `string`

  Query string for the indicator

- `type` : `string`

  Type of the indicator

- `unit` : `string`

  Unit of the indicator

- `legend` : `string`

  Legend of the indicator

- `variables` : `[]string`

  Variables used in the query

/platform/monitoring.alauda.io/v1beta1/projects/{project}/indicators

`get` Get metrics indicators of a project

Retrieve metrics indicators for a specified project.

Parameters

- `project` (*in path*): `string` required

  Name of the project

- `kind` (*in query*): `string`

  Filter by indicator type

- `alertEnabled` (*in query*): `boolean`

  Filter indicators that support alerts

- `multipleEnabled` (*in query*): `boolean`

  Filter indicators that support multiple alert objects

- `dashboardEnabled` (*in query*): `boolean`

  Filter indicators that support custom dashboards

Response

- `200` IndicatorList: Successful response with list of metric indicators

IndicatorList

- `alertEnabled` : `boolean`

  Whether the indicator supports alerts

- `annotations` :

- `kind` : `string`

  Kind of the indicator

- `name` : `string`

  Name of the indicator

- `query` : `string`

  Query string for the indicator

- `type` : `string`

  Type of the indicator

- `unit` : `string`

  Unit of the indicator

- `legend` : `string`

  Legend of the indicator

- `variables` : `[]string`

  Variables used in the query

/platform/monitoring.alauda.io/v1beta1/projects/{project}/clusters/{cluster}/namespaces/{namespace}/indicators

`get` Get metrics indicators of a namespace

Retrieve metrics indicators for a specified namespace.

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

- `kind` (*in query*): `string`

  Filter by indicator type

- `alertEnabled` (*in query*): `boolean`

  Filter indicators that support alerts

- `multipleEnabled` (*in query*): `boolean`

  Filter indicators that support multiple alert objects

- `dashboardEnabled` (*in query*): `boolean`

  Filter indicators that support custom dashboards

Response

- `200` IndicatorList: Successful response with list of metric indicators

IndicatorList

- `alertEnabled` : `boolean`

Whether the indicator supports alerts

- `annotations` :

- `kind` : `string`

  Kind of the indicator

- `name` : `string`

  Name of the indicator

- `query` : `string`

  Query string for the indicator

- `type` : `string`

  Type of the indicator

- `unit` : `string`

  Unit of the indicator

- `legend` : `string`

  Legend of the indicator

- `variables` : `[]string`

  Variables used in the query

Alauda Container Platform

Metrics [monitoring.alauda.io/v1beta1]

/platform/monitoring.alauda.io/v1beta1/clusters/{cluster}/metrics

`get` Get monitoring metrics of a cluster

Retrieves monitoring metrics for a specified cluster.

Parameters

- `cluster` (*in path*): `string` required

  Name of the cluster

- `start` (*in query*): `integer`

  Start time as a 10-digit timestamp

- `end` (*in query*): `integer`

  End time as a 10-digit timestamp

- `step` (*in query*): `integer`

  Step interval

- `time` (*in query*): `integer`

  Timestamp, defaults to current time. Mutually exclusive with start/end/step.

- `timeout` (*in query*): `integer`

  Timeout in seconds, default is 10s

- `indicators` (*in query*): `string`

  Metrics to query, multiple indicators separated by '|'

- `expr` (*in query*): `string`

Native query expression, mutually exclusive with indicators

- `variables` (*in query*): `string`

  Variables for the query, formatted as 'A=v1,B=v2,C=v3'

Response

- `200` MetricList: Successful response with list of monitoring metrics
- `400` Status: Monitoring plugin not deployed
- `503` Status: Monitoring plugin unavailable

MetricList

- `indicator` : `string`

  The indicator name

- `query` : `string`

  The native query expression

- `result` : `[]MetricResult`

MetricResult

- `metric` : `map[string]string`
- `values` : `[]string`

Status

- `kind` : `string`
- `apiVersion` : `string`
- `metadata` : `object`
- `status` : `string`
- `message` : `string`

- `reason` : `string`
- `code` : `integer`

/platform/monitoring.alauda.io/v1beta1/projects/{ project}/metrics

`get` Get monitoring metrics of a project

Retrieves monitoring metrics for a specified cluster.

Parameters

- `project` (*in path*): `string` required

  Name of the project

- `start` (*in query*): `integer`

  Start time as a 10-digit timestamp

- `end` (*in query*): `integer`

  End time as a 10-digit timestamp

- `step` (*in query*): `integer`

  Step interval

- `time` (*in query*): `integer`

  Timestamp, defaults to current time. Mutually exclusive with start/end/step.

- `timeout` (*in query*): `integer`

  Timeout in seconds, default is 10s

- `indicators` (*in query*): `string`

  Metrics to query, multiple indicators separated by '|'

- `expr` (*in query*): `string`

  Native query expression, mutually exclusive with indicators

- `variables` (*in query*): `string`

  Variables for the query, formatted as 'A=v1,B=v2,C=v3'

Response

- `200` MetricList: Successful response with list of monitoring metrics

- `400` Status: Monitoring plugin not deployed

- `503` Status: Monitoring plugin unavailable

MetricList

- `indicator` : `string`

  The indicator name

- `query` : `string`

  The native query expression

- `result` : `[]MetricResult`

MetricResult

- `metric` : `map[string]string`

- `values` : `[]string`

Status

- `kind` : `string`

- `apiVersion` : `string`

- `metadata` : `object`

- `status` : `string`

- `message` : `string`

- `reason` : `string`

- `code` : `integer`

/platform/monitoring.alauda.io/v1beta1/projects/{

project}/clusters/{cluster}/namespaces/{namespace}/metrics

`get` Get monitoring metrics of a namespace

Retrieves monitoring metrics for a specified cluster.

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*): `integer`

  Start time as a 10-digit timestamp

- `end` (*in query*): `integer`

  End time as a 10-digit timestamp

- `step` (*in query*): `integer`

  Step interval

- `time` (*in query*): `integer`

  Timestamp, defaults to current time. Mutually exclusive with start/end/step.

- `timeout` (*in query*): `integer`

  Timeout in seconds, default is 10s

- `indicators` (*in query*): `string`

  Metrics to query, multiple indicators separated by '|'

- `expr` (*in query*): `string`

  Native query expression, mutually exclusive with indicators

- `variables` (*in query*): `string`

  Variables for the query, formatted as 'A=v1,B=v2,C=v3'

Response

- `200` MetricList: Successful response with list of monitoring metrics

- `400` Status: Monitoring plugin not deployed

- `503` Status: Monitoring plugin unavailable

MetricList

- `indicator` : `string`

  The indicator name

- `query` : `string`

  The native query expression

- `result` : `[]MetricResult`

MetricResult

- `metric` : `map[string]string`

- `values` : `[]string`

Status

- `kind` : `string`

- `apiVersion` : `string`

- `metadata` : `object`

- `status` : `string`

- `message` : `string`

- `reason` : `string`

- `code` : `integer`

Alauda Container Platform

Variables [monitoring.alauda.io/v1beta1]

/platform/monitoring.alauda.io/v1beta1/clusters/{cluster}/variables

`get` Get variable candidates for monitoring panels in a cluster

Fetches the variable candidates for monitoring panels in the specified cluster. The API permissions are the same as for metrics.

Parameters

- `cluster` (*in path*): `string` required

  The name of the cluster.

- `expr` (*in query*): `string`

  The query expression to fetch variable values.

- `regex` (*in query*): `string`

  The regular expression to extract variable values.

- `start` (*in query*): `integer`

  Start time as a 10-digit timestamp

- `end` (*in query*): `integer`

  End time as a 10-digit timestamp

Response

- `200` Option: Successful response with variable candidates.

- `400` Status: Invalid expr
- `503` Status: Monitoring plugin unavailable

Option

- `options` : `[]string`

Status

- `kind` : `string`
- `apiVersion` : `string`
- `metadata` : `object`
- `status` : `string`
- `message` : `string`
- `reason` : `string`
- `code` : `integer`

/platform/monitoring.alauda.io/v1beta1/projects/{project}/variables

`get` Get variable candidates for monitoring panels in a project

Fetches the variable candidates for monitoring panels in the specified cluster. The API permissions are the same as for metrics.

Parameters

- `project` (*in path*): `string` required
  The name of the project.

- `expr` (*in query*): `string`

  The query expression to fetch variable values.

- `regex` (*in query*): `string`

  The regular expression to extract variable values.

- `start` (*in query*): `integer`

  Start time as a 10-digit timestamp

- `end` (*in query*): `integer`

  End time as a 10-digit timestamp

Response

- `200` Option: Successful response with variable candidates.

- `400` Status: Invalid expr

- `503` Status: Monitoring plugin unavailable

Option

- `options` : `[]string`

Status

- `kind` : `string`

- `apiVersion` : `string`

- `metadata` : `object`

- `status` : `string`

- `message` : `string`

- `reason` : `string`

- `code` : `integer`

/platform/monitoring.alauda.io/v1beta1/projects/{

project}/clusters/{cluster}/namespaces/{namespace}/variables

`get` Get variable candidates for monitoring panels in a namespace

Fetches the variable candidates for monitoring panels in the specified cluster. The API permissions are the same as for metrics.

Parameters

- `project` (*in path*): `string` `required`

  The name of the project.

- `cluster` (*in path*): `string` `required`

  The name of the cluster.

- `namespace` (*in path*): `string` `required`

  The name of the namespace.

- `expr` (*in query*): `string`

  The query expression to fetch variable values.

- `regex` (*in query*): `string`

  The regular expression to extract variable values.

- `start` (*in query*): `integer`

  Start time as a 10-digit timestamp

- `end` (*in query*): `integer`

  End time as a 10-digit timestamp

Response

- `200` Option: Successful response with variable candidates.

- `400` Status: Invalid expr

- `503` Status: Monitoring plugin unavailable

Option

- `options` : `[]string`

Status

- `kind` : `string`

- `apiVersion` : `string`

- `metadata` : `object`

- `status` : `string`

- `message` : `string`

- `reason` : `string`

- `code` : `integer`