Monitoring APIs

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

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

/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

/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

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

/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

/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`

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

/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

/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`