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Operations

Monitoring Dashboards API

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Learn about Cloud Monitoring API used to create dashboards, update existing dashboards or delete dashboards.

Related documentation:

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RSS:

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The Cloud Monitoring API provides a resource called projects.dashboards which offers a familiar set of methods: create, delete, get, list, and patch.

Create

POST https://monitoring.googleapis.com/v1/{parent}/dashboards

Delete

DELETE https://monitoring.googleapis.com/v1/{name}

GET

GET https://monitoring.googleapis.com/v1/{name}

List

GET https://monitoring.googleapis.com/v1/{parent}/dashboards

Patch

PATCH https://monitoring.googleapis.com/v1/{dashboard.name}

Here is an example:

https://content-monitoring.googleapis.com/v1/projects//dashboards

Errors in Logs Dashboard: Using this example, you can find errors in logs.

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{
  "category": "CUSTOM",
  "displayName": "Errors in Logs Dashboard",
  "mosaicLayout": {
    "columns": 12,
    "tiles": [
```

```
      {
        "height": 4,
        "widget": {
          "alertChart": {
            "name": "projects//alertPolicies/15027246848563735 13"
          }
        },
        "width": 6,
        "xPos": 0,
        "yPos": 0
      },
      {
        "height": 4,
        "widget": {
          "title": "logging/user/Kubernetes-container-error-logs [SUM]",
          "xyChart": {
            "chartOptions": {
              "mode": "COLOR"
            },
            "dataSets": [
              {
                "minAlignmentPeriod": "60s",
                "plotType": "STACKED_BAR",
                "targetAxis": "Y1",
                "timeSeriesQuery": {
                  "apiSource": "DEFAULT_CLOUD",
                  "timeSeriesFilter": {
                    "aggregation": {
                      "alignmentPeriod": "60s",
                      "crossSeriesReducer": "REDUCE_NONE",
                      "perSeriesAligner": "ALIGN_RATE"
                    },
                    "filter": "metric.type=\"logging.googleapis.com/user/Kubernetes-container-
error-logs\" resource.type=\"k8s_container\"",
                    "secondaryAggregation": {
                      "alignmentPeriod": "60s",
                      "crossSeriesReducer": "REDUCE_SUM",
                      "groupByFields": [
                        "resource.label.\"pod_name\""
                      ],
                      "perSeriesAligner": "ALIGN_NONE"
                    }
                  }
                }
              }
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            "timeshiftDuration": "0s",
            "yAxis": {
              "label": "y1Axis",
              "scale": "LINEAR"
            }
          }
        },
        "width": 6,
        "xPos": 6,
        "yPos": 0
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        "widget": {
          "timeSeriesTable": {
            "dataSets": [
              {
```

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                "tableDisplayOptions": {},
                "timeSeriesQuery": {
                  "timeSeriesFilter": {
                    "aggregation": {
                      "alignmentPeriod": "60s",
                      "crossSeriesReducer": "REDUCE_NONE",
                      "perSeriesAligner": "ALIGN_RATE"
                    },
                    "filter": "metric.type=\"logging.googleapis.com/user/Kubernetes-container-
error-logs\" resource.type=\"k8s_container\" resource.label.\"namespace_name\"!=\"kube-
system\"",
                    "secondaryAggregation": {
                      "alignmentPeriod": "60s",
                      "crossSeriesReducer": "REDUCE_MAX",
                      "groupByFields": [
                        "resource.label.\"pod_name\""
                      ],
                      "perSeriesAligner": "ALIGN_MAX"
                    }
                  }
                }
              }
            ]
          },
          "title": "logging/user/Kubernetes-container-error-logs (filtered) [99TH PERCENTILE]"
        },
        "width": 6,
        "xPos": 0,
        "yPos": 4
      }
    ]
  }
}
```