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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.

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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.

```
{  
  "category": "CUSTOM",  
  "displayName": "Errors in Logs Dashboard",  
  "mosaicLayout": {  
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    "tiles": [  
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        "type": "text",  
        "text": "Logs",  
        "x": 0, "y": 0, "w": 12, "h": 12  
      },  
      {  
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        "type": "text",  
        "text": "Logs",  
        "x": 0, "y": 1, "w": 12, "h": 12  
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      {  
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        "type": "text",  
        "text": "Logs",  
        "x": 0, "y": 2, "w": 12, "h": 12  
      },  
      {  
        "id": "4",  
        "type": "text",  
        "text": "Logs",  
        "x": 0, "y": 3, "w": 12, "h": 12  
      },  
      {  
        "id": "5",  
        "type": "text",  
        "text": "Logs",  
        "x": 0, "y": 4, "w": 12, "h": 12  
      },  
      {  
        "id": "6",  
        "type": "text",  
        "text": "Logs",  
        "x": 0, "y": 5, "w": 12, "h": 12  
      },  
      {  
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        "type": "text",  
        "text": "Logs",  
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        "type": "text",  
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  }  
}
```

```
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    }  
  },  
  "width": 6,  
  "xPos": 0,  
  "yPos": 0  
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  "height": 4,  
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    "xyChart": {  
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        "mode": "COLOR"  
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          "targetAxis": "Y1",  
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                "perSeriesAligner": "ALIGN_RATE"  
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              "filter": "metric.type=\\"logging.googleapis.com/user/Kubernetes-container-  
error-logs\\" resource.type=\\"k8s_container\\\"",  
              "secondaryAggregation": {  
                "alignmentPeriod": "60s",  
                "crossSeriesReducer": "REDUCE_SUM",  
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                ],  
                "perSeriesAligner": "ALIGN_NONE"  
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          }  
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        "scale": "LINEAR"  
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            },  
            {  
              "label": "Series 2",  
              "value": 200  
            },  
            {  
              "label": "Series 3",  
              "value": 300  
            }  
          ]  
        }  
      ]  
    }  
  }  
}
```

---

```
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                "aggregation": {
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                    "crossSeriesReducer": "REDUCE_NONE",
                    "perSeriesAligner": "ALIGN_RATE"
                },
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                "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
}
]
}
```