



CreateQoSPolicy

Element Software

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CreateQoSPolicy

You can use the `CreateQoSPolicy` method to create a `QoSPolicy` object that you can later apply to a volume upon creation or modification. A QoS policy has a unique ID, a name, and QoS settings.

Parameters

This method has the following input parameters:

Name	Description	Type	Default value	Required
name	The name of the QoS policy; for example, gold, platinum, or silver.	string	None	Yes
qos	The QoS settings that this policy represents.	QoS	None	Yes

Return value

This method has the following return value:

Name	Description	Type
qosPolicy	The newly created <code>QoSPolicy</code> object.	QoSPolicy

Request example

Requests for this method are similar to the following example:

```
{
  "id": 68,
  "method": "CreateQoSPolicy",
  "params": {
    "name": "bronze",
    "qos": {
      "minIOPS": 50,
      "maxIOPS": 15000,
      "burstIOPS": 15000
    }
  }
}
```

Response example

This method returns a response similar to the following example:

```
{
  "id": 68,
  "result": {
    "qosPolicy": {
      "name": "bronze",
      "qos": {
        "burstIOPS": 15000,
        "burstTime": 60,
        "curve": {
          "4096": 100,
          "8192": 160,
          "16384": 270,
          "32768": 500,
          "65536": 1000,
          "131072": 1950,
          "262144": 3900,
          "524288": 7600,
          "1048576": 15000
        },
        "maxIOPS": 15000,
        "minIOPS": 50
      },
      "qosPolicyID": 2,
      "volumeIDs": []
    }
  }
}
```

New since version

10.0

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