



ListVolumeStats

Element Software

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ListVolumeStats

You can use the `ListVolumeStats` method to get high-level activity measurements for a single volume, list of volumes, or all volumes (if you omit the `volumeIDs` parameter). Measurement values are cumulative from the creation of the volume.

Parameters

This method has the following input parameters:

Name	Description	Type	Default value	Required
<code>includeVirtualVolumes</code>	Virtual volumes are included in the response by default. To exclude virtual volumes, set to false.	boolean	true	No
<code>volumeIDs</code>	A list of volumes from which to retrieve activity information.	integer array	No	No

Return value

This method has the following return value:

Name	Description	Type
<code>volumeStats</code>	List of volume activity information.	volumeStats array

Request example

Requests for this method are similar to the following example:

```
{
  "method": "ListVolumeStats",
  "params": {
    "volumeIDs": [1]
  },
  "id": 1
}
```

Response example

This method returns a response similar to the following example:

```
{
  "id": 1,
  "result": {
    "volumeStats": [
      {
        "accountID": 1,
        "actualIOPS": 0,
        "asyncDelay": null,
        "averageIOPSize": 0,
        "burstIOPSCredit": 30000,
        "clientQueueDepth": 0,
        "desiredMetadataHosts": null,
        "latencyUsec": 0,
        "metadataHosts": {
          "deadSecondaries": [],
          "liveSecondaries": [
            47
          ],
          "primary": 33
        },
        "nonZeroBlocks": 22080699,
        "readBytes": 657262370816,
        "readBytesLastSample": 0,
        "readLatencyUsec": 0,
        "readOps": 160464446,
        "readOpsLastSample": 0,
        "samplePeriodMsec": 500,
        "throttle": 0,
        "timestamp": "2016-03-09T19:39:15.771697Z",
        "unalignedReads": 0,
        "unalignedWrites": 0,
        "volumeAccessGroups": [
          1
        ],
        "volumeID": 1,
        "volumeSize": 107374182400,
        "volumeUtilization": 0,
        "writeBytes": 219117547520,
        "writeBytesLastSample": 0,
        "writeLatencyUsec": 0,
        "writeOps": 53495495,
        "writeOpsLastSample": 0,
      }
    ]
  }
}
```

```
    "zeroBlocks": 4133701
  }
]
}
}
```

New since version

9.6

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