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statistics disk commands

statistics disk show

Disk throughput and latency metrics

Availability: This command is available to cluster administrators at the advanced privilege level.

Description

This command continuously displays performance data for disks at a regular interval. The command output displays data in the following columns:

- Disk - disk name.
- Node - node name.
- Busy (%) - percentage of time there was at least one outstanding request to the disk.
- Total Ops - total operations per second.
- Read Ops - read operations per second.
- Write Ops - write operations per second.

Parameters

- **[-disk <text>]** - Disk (privilege: advanced)
  
  Selects the disk for which you want to display performance data.

- **[-node {<nodename>|local}]** - Node (privilege: advanced)
  
  Selects the node for which you want to display performance data.

- **[-sort-key <text>]** - Column to Sort By (privilege: advanced)
  
  If this parameter is specified, the command displays statistics sorted by the specified column.

- **-interval <integer>** - Interval (privilege: advanced)
  
  Specifies, in seconds, the interval between statistics updates. The default setting is 5 seconds.

- **-iterations <integer>** - Iterations (privilege: advanced)
  
  Specifies the number of iterations the command runs before terminating. The default setting is 1. If the number is 0 (zero), the command continues to run until you interrupt it by pressing Ctrl-C.

- **-max <integer>** - Maximum Number of Instances (privilege: advanced)
  
  Specifies the maximum number of disks to display. The default setting is 25.

Examples

The following example displays disk statistics:
```plaintext
cluster1::> statistics disk show
cluster1 : 12/31/1969 16:00:04

<table>
<thead>
<tr>
<th>Disk</th>
<th>Node</th>
<th>(%)</th>
<th>Ops</th>
<th>Ops</th>
<th>Ops</th>
</tr>
</thead>
<tbody>
<tr>
<td>VMw-1.31</td>
<td>node2</td>
<td>0</td>
<td>2</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>VMw-1.30</td>
<td>node2</td>
<td>0</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>VMw-1.3</td>
<td>node1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>VMw-1.29</td>
<td>node2</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>1</td>
</tr>
</tbody>
</table>

[...]