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| <b>Answer ID</b><br>329                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Products</b><br><a href="#">Introscope</a><br><a href="#">Agent</a><br><a href="#">AppServer AutoProbe</a><br><a href="#">JMX/PMI Adapter</a><br><a href="#">JVM AutoProbe</a><br><a href="#">Platform Monitors</a><br><a href="#">ProbeBuilder</a><br><a href="#">Transaction Tracer</a><br><a href="#">SQLAgent</a><br><a href="#">Enterprise Manager</a><br><a href="#">Domains</a><br><a href="#">EM Database</a><br><a href="#">JDBC API</a><br><a href="#">LDAP authentication</a><br><a href="#">Management Modules</a><br><a href="#">Performance(delete)</a><br><a href="#">SmartStor</a><br><a href="#">Transaction event database</a><br><a href="#">Workstation</a><br><a href="#">Actions</a><br><a href="#">Alerts</a><br><a href="#">Calculator</a><br><a href="#">CLW (Command Line Workstation)</a><br><a href="#">Dashboard</a><br><a href="#">Error Viewer</a><br><a href="#">Historical Events</a><br><a href="#">Javascript Calculator</a><br><a href="#">Reports</a><br><a href="#">Transaction Tracer</a><br><a href="#">Webstart</a><br><a href="#">Webview</a><br><a href="#">BRT Adaptor</a><br><a href="#">Change Detector</a><br><a href="#">Data API</a><br><a href="#">EPA Agent</a><br><a href="#">Error Detector</a><br><a href="#">LeakHunter</a><br><a href="#">Microsoft .NET</a><br><a href="#">Platform Monitor</a><br><a href="#">SNMP adapter</a> |
| <b>Category</b><br><a href="#">Installation/Configuration</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Date Created</b><br>04/11/2003 04:00 PM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Last Updated</b><br>03/28/2008 10:14 AM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Introscope/CEM Ver.</b><br>6.0.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

## CPU Utilization Metrics

### Question

What is the difference between the Metrics `CPU|Utilization % (process)` and `CPU|{Processor number}: Utilization % (aggregate)`?

### Answer

`CPU|Utilization % (process)` describes the percentage of CPU the JVM is using.

`CPU|{Processor number}: Utilization % (aggregate)` describes the total utilization of CPU, including JVM and non-JVM processes. This is what you would see for the total load on the CPU using the `top` or `ps` commands.

If you want to know the overall CPU utilization on a 4-processor machine, including JVM and non-JVM, this data is available in Introscope by creating a Metric Grouping and a Calculator for each processor.