Platform: Web ViewPoint

Itanium
S-Series
HSJ70V5 AAT
SJ70V5 AAS
Product web site

Web ViewPoint

Available through hp. Product #SJ70V5

Web ViewPoint is a web based Operation management and performance monitoring tool for hp’s NonStop Servers. Its main features are:

- Monitors & alerts of EMS Events
- Monitoring of CPU & Process busy; live and trends
- Operation control of all sub-systems
- Smart manageability of disks, files, and processes

Furthermore, Web ViewPoint serves as a platform to host plug-in software tailored for specific functions. These may be developed by hp, third party vendors, as well as end-users. A list of commercially available plug-ins is available at the plug-ins section.

Most Recent News

4/19/2007 - SPR AAM and AAN of Web ViewPoint Version 5 is released for General Availability

4/19/2007 - SPR AAM and AAN of Web ViewPoint Version 5 is released for General Availability
Set to grow
One interface into multiple “neighborhoods” and “residents”

Neighborhood:
A group of nodes running Web ViewPoint

Resident:
A node in a neighborhood
Products working in concert
Additional partner plug-ins

Web ViewPoint

comVorte
Plug-in SSL ftp &
terminal emulation

CAIL
Plug-in SSL & terminal
emulation

A
B
C
D
E
X
A
E
D
B
C
Display Matrix

1. Refresh rate
2. What to display
3. On what residents / nodes
4. Using what format
5. One or multiple Windows
Multi-Resident alerts

Visual Alerts

& click to drill to Node
Drill down to a single Resident
CPU to Process to Commands

Top 10 busiest processes on \SPEEDY, at 08:19:20 (interval : 15 sec)

<table>
<thead>
<tr>
<th>Process</th>
<th>P/R</th>
<th>CPU TIME</th>
<th>Program</th>
<th>Pid</th>
<th>R</th>
<th>S</th>
<th>User</th>
<th>Owner</th>
<th>Ancestor</th>
<th>Busy %</th>
</tr>
</thead>
<tbody>
<tr>
<td>#11</td>
<td>147</td>
<td>TACL</td>
<td>120</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>SEV. INSPECT</td>
<td>$2BAT</td>
<td>$2BAT</td>
<td>0.15</td>
</tr>
<tr>
<td>#12</td>
<td>131</td>
<td>TACL</td>
<td>120</td>
<td>0</td>
<td>4</td>
<td>0</td>
<td>SEV. INSPECT</td>
<td>$2BAT</td>
<td>$2BAT</td>
<td>7.72</td>
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<tr>
<td>#13</td>
<td>141</td>
<td>MRASTRL</td>
<td>199</td>
<td>P</td>
<td>4</td>
<td>1</td>
<td>SUPER. SUPER</td>
<td>$2MN</td>
<td>$2MN</td>
<td>2.90</td>
</tr>
<tr>
<td>#14</td>
<td>166</td>
<td>MRASTRL</td>
<td>199</td>
<td>P</td>
<td>4</td>
<td>1</td>
<td>SUPER. SUPER</td>
<td>$2MN</td>
<td>$2MN</td>
<td>2.70</td>
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<tr>
<td>#15</td>
<td>95</td>
<td>UIDN</td>
<td>110</td>
<td>0</td>
<td>4</td>
<td>0</td>
<td>SEV. INSPECT</td>
<td>$2SD</td>
<td>$2SD</td>
<td>2.74</td>
</tr>
<tr>
<td>#16</td>
<td>267</td>
<td>TVSEDEX</td>
<td>220</td>
<td>P</td>
<td>1</td>
<td>7</td>
<td>SUPER. SUPER</td>
<td>$2ZMT</td>
<td>$2ZMT</td>
<td>2.11</td>
</tr>
<tr>
<td>#17</td>
<td>8</td>
<td>TVSEDEX</td>
<td>220</td>
<td>P</td>
<td>1</td>
<td>7</td>
<td>SUPER. SUPER</td>
<td>$2ZMT</td>
<td>$2ZMT</td>
<td>1.55</td>
</tr>
<tr>
<td>#18</td>
<td>4</td>
<td>TVSEDEX</td>
<td>220</td>
<td>P</td>
<td>1</td>
<td>7</td>
<td>SUPER. SUPER</td>
<td>$2ZMT</td>
<td>$2ZMT</td>
<td>1.43</td>
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<tr>
<td>#19</td>
<td>4</td>
<td>TVSEDEX</td>
<td>220</td>
<td>P</td>
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<td>7</td>
<td>SUPER. SUPER</td>
<td>$2ZMT</td>
<td>$2ZMT</td>
<td>1.40</td>
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<tr>
<td>#20</td>
<td>3</td>
<td>MRASTRL</td>
<td>199</td>
<td>P</td>
<td>4</td>
<td>1</td>
<td>SUPER. SUPER</td>
<td>$2MN</td>
<td>$2MN</td>
<td>1.34</td>
</tr>
</tbody>
</table>
### Process to Files to ...

![Image of system monitoring tool](http://16.105.248.136:7382/homepage?WFN=PERF&INDAPT=1&SYSN=72&CPD=0&SC=00000000...)

#### CPU Usage

<table>
<thead>
<tr>
<th>Process</th>
<th>% CPU</th>
</tr>
</thead>
<tbody>
<tr>
<td>\SPEEDY</td>
<td>0.0%</td>
</tr>
<tr>
<td>\Y1Z1</td>
<td>0.0%</td>
</tr>
</tbody>
</table>

#### Top 10 busiest processes on \SPEEDY

<table>
<thead>
<tr>
<th>Process</th>
<th>% CPU</th>
</tr>
</thead>
<tbody>
<tr>
<td>\Y1Z1</td>
<td>1.0%</td>
</tr>
<tr>
<td>\Y1Z1</td>
<td>1.0%</td>
</tr>
<tr>
<td>\Y1Z1</td>
<td>1.0%</td>
</tr>
<tr>
<td>\Y1Z1</td>
<td>1.0%</td>
</tr>
<tr>
<td>\Y1Z1</td>
<td>1.0%</td>
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<tr>
<td>\Y1Z1</td>
<td>1.0%</td>
</tr>
<tr>
<td>\Y1Z1</td>
<td>1.0%</td>
</tr>
<tr>
<td>\Y1Z1</td>
<td>1.0%</td>
</tr>
<tr>
<td>\Y1Z1</td>
<td>1.0%</td>
</tr>
<tr>
<td>\Y1Z1</td>
<td>1.0%</td>
</tr>
</tbody>
</table>

#### Files Opened by \$Y1Z1 - Microsoft Internet Explorer

<table>
<thead>
<tr>
<th>File_Name</th>
<th>Access</th>
<th>Exclusion</th>
<th>Sync_Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>DATA05\VIBATJOE.DBF</td>
<td>Properties Only</td>
<td>Protected</td>
<td>1,1</td>
</tr>
<tr>
<td>SYSTEM\SYSO\TACLST</td>
<td>Properties Only</td>
<td>Protected</td>
<td>0,0</td>
</tr>
<tr>
<td>1234\TOOLSD44\EHL</td>
<td>Properties Only</td>
<td>Protected</td>
<td>0,0</td>
</tr>
<tr>
<td>VFILET.INSPECT.SEGPCE</td>
<td>ReadOnly</td>
<td>Protected</td>
<td>0,0</td>
</tr>
<tr>
<td>VFILET.INSPECT.SEGWTIL</td>
<td>ReadOnly</td>
<td>Protected</td>
<td>0,0</td>
</tr>
<tr>
<td>VFILET.INSPECT.SEGSCM</td>
<td>ReadOnly</td>
<td>Protected</td>
<td>0,0</td>
</tr>
<tr>
<td>VFILET.INSPECT.SCM</td>
<td>ReadOnly</td>
<td>Protected</td>
<td>0,0</td>
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<tr>
<td>VFILET.INSPECT.SCM</td>
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<td>VFILET.INSPECT.SCM</td>
<td>ReadOnly</td>
<td>Protected</td>
<td>0,0</td>
</tr>
<tr>
<td>VFILET.INSPECT.SCM</td>
<td>ReadOnly</td>
<td>Protected</td>
<td>0,0</td>
</tr>
<tr>
<td>VFILET.INSPECT.WSP</td>
<td>ReadOnly</td>
<td>Protected</td>
<td>0,0</td>
</tr>
<tr>
<td>VFILET.INSPECT.WSP</td>
<td>ReadOnly</td>
<td>Protected</td>
<td>0,0</td>
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<td>VFILET.INSPECT.WSP</td>
<td>ReadOnly</td>
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<td>ReadOnly</td>
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<td>ReadOnly</td>
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<td>0,0</td>
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<tr>
<td>VFILET.INSPECT.WSP</td>
<td>ReadOnly</td>
<td>Protected</td>
<td>0,0</td>
</tr>
</tbody>
</table>

**Open by:** 08:20:10
Many Residents, many monitors
Many Residents, one monitor
Event monitor – new selection options
NonStop and/or in-house subsystems

New multi-tab format

NonStop or, in-house per Resident

Pass, No-Pass

In-house settings are maintained Via an Admin interface
Suppressions

NonStop or, in-house per Resident

Set at Sub-System or, Event level
Filter file

Set one or more Filter Files for one or more Residents

Smart search feature is available
String matching

Set string matching for any Token of a selected Template.

Supports “AND” & “OR” logic, along with Case matching.
Event type

Select from a matrix of Event types, or

a specific Event number
Start with:

Choose to start with last “n” messages, or

all messages in the last “n” minutes

Directly go to display, when Live Events is accessed
Display Templates

Select any of your own “Display Templates”

* Display Templates are maintained using Web ViewPoint’s Admin interface

* Display Templates can be built from scratch or be based on a previously defined “User Template”
Presentation options:

- Pop-up options
- Multi-Collector identifications
- Multi-Time zone conversion
- Duplicate elimination
### Multi Node

<table>
<thead>
<tr>
<th>Sr#</th>
<th>Generation Time</th>
<th>Process ID</th>
<th>Subsystem ID</th>
<th>Priority</th>
<th>Text</th>
</tr>
</thead>
<tbody>
<tr>
<td>0032</td>
<td>2008/05/05 12:24:27</td>
<td>SIEFRA.48KPOOL</td>
<td>TAMDEN.8NF.D45</td>
<td>000004</td>
<td>NonStop SRF V5424* Pool Manager SIEFRA.48KPOOL: Storage Pool obtained new statistics from volume SIEFRA.48KPOOL.</td>
</tr>
<tr>
<td>0040</td>
<td>2008/05/05 12:24:37</td>
<td>SIEFRA.48KPOOL</td>
<td>TAMDEN.8NF.D45</td>
<td>000004</td>
<td>NonStop SRF V5424* Pool Manager SIEFRA.48KPOOL: Storage Pool obtained new statistics from volume SIEFRA.48KPOOL.</td>
</tr>
<tr>
<td>0041</td>
<td>2008/05/05 12:24:28</td>
<td>SPEEDY.4258B</td>
<td>TAMDEN.257.0</td>
<td>000009</td>
<td>EVT: stfConsumeInfo Accept.</td>
</tr>
<tr>
<td>0043</td>
<td>2008/05/05 12:24:32</td>
<td>SPEEDY.4258B</td>
<td>TAMDEN.257.0</td>
<td>000009</td>
<td>EVT: Main Start EVFM: (null)</td>
</tr>
</tbody>
</table>
Multi-Resident CCM

Click on a Resident in the neighborhood to open a new Window.

Automated logon is supported*.

* requires prior administrator Authorization.
TACL Macros

Run TACL Macros directly.

Supports open Dialog.

Allows building a personal library.
New in the latest release

- File IO statistics
- Central email direct through NonStop
- Usability enhancements
- Correction of reported/noted defects
- Web ViewPoint Lite Plus
Planned for next release

- Simplified Event setting procedure
- Integrated & simplified Admin
- Many usability upgrades
Web ViewPoint: Proven Platform

• Over 1,000 installations
• Single node, or multiple Clusters
• Powerful Operation Management tool
• Effective live Performance Monitor
Web ViewPoint: Proven Platform

• Active plug-ins – from HP
  – Web ViewPoint Pathway
  – Web ViewPoint ASAP
  – Remote Analyst

• Active plug-ins – from other partners
  – Secured (SSL) ftp & Terminal Emulator
  – Secured (SSL) Terminal Emulator

• More to come soon…
Platform: Pocket ViewPoint

Itanium
S-Series

HSJ71V1 AAC
SJ71V1 AAB
Mobile

Tap to start Pocket ViewPoint
Simple screen options

Choose a combination of:
- CPU Busy
- Event Monitor
- CPU Node list
Drill down

Summary Screen

Process Busy List

Process Detail
TACL interface
Events Query
Operation Management Bundle

- A complement to the Performance Management Bundle
- Includes Management and availability monitoring functions

- Web ViewPoint
- Pocket ViewPoint
- ASAP
- ASAP plug-in for Web ViewPoint

Bundled at a 25% discount
Next...

Windows Mobile

Palm

One Solution, Multiple Platforms