Remote Analyst
Performance Solutions

New Pricing Model

<table>
<thead>
<tr>
<th>Cloud Solution</th>
<th>1-Year</th>
<th>3-Year</th>
<th>5-Year</th>
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<td>Remote Analyst</td>
<td>HPRAS1Y</td>
<td>HPRAS3Y</td>
<td>HPRAS5Y</td>
</tr>
</tbody>
</table>

- Any Processor type or count
- No limit on:
  - Users or user access
  - Analyses generated
  - Data loaded
- Carry your license when you upgrade
- No client software to install
- You are always up to date
Cloud Analytics
Remote Analyst Architecture

1. NonStop
   Automated collection of performance metrics

2. Measure
   Storage
   Pathway

3. Remote Analyst
   Hewlett Packard Enterprise
Quick Online View

Remote Analyst

Monday, February 16, 2015 through Sunday, February 22, 2015

CPU Busy (%)

Disk I/O/sec

Available Data

Analyze
Click your way through mountains of data
Click your way through mountains of data
Click your way through mountains of data
<table>
<thead>
<tr>
<th>File Name</th>
<th>Date</th>
<th>Time</th>
<th>Writes/Sec</th>
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**K2 - Application Bar Chart - Daily - [01/27/2015 to 02/25/2015]**

![Bar Chart](chart.png)
Trend – Hours of day

![CPU Utilization - Hours of Day - [01/27/2015 to 02/25/2015]](image)

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Application Load Analysis

Application Profile

System: [CANADA]

New Profile: [Add]

Click on the Profile's link (left panel) to edit the criteria (right panel).

Now Criteria:
- File
  - Process: CAOBJ.
  - Ancestor: CAOBJ.
  - User ID: SAMOBJ.
  - File: $SYSTEM.SYSTEM:PATH*
  - File: $NDMOBJ.*
  - File: $CTTSDOBJ.*
  - File: $BOMETIC.*

[Update] [Remove]
Quick Tuner
Know your NonStop

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1. About
2. System Performance Summary
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25. Cache Performance
26. Performance Report
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30. OSS High Volumes
31. OSS - OSS BO
32. OSS HCM
33. OSS Infrastructure
34. OSS Infrastructure Results
35. Region
36. Desk Process Report

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You liked this in the 80s.

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**CPU PROCESSOR LOAD BALANCE CHART**

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**CPU PERCENT BUSY**

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**PROCESSOR PERFORMANCE CHART**

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**PHYSICAL DISK I/O Activity Report for System \RSB6 (Release H86)**

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| Device | LVs Second | PC | Gr.Md.Sl | Total | <I/Os PER SECOND--> | --- | <BYTES TRANSFERRED PER SECOND--> | --- | AVERAGE | PERIOD | ---
|--------|------------|----|-----------|-------|-----------------------|----|-----------------------------|----|---------|--------|----
| $XATA43 | 232        | $9 | 0.02 | 0.8 | 5.2 | 1.292 | 71,680 | 72,972 | 2,662 | 13,672 |
| $XATA49 | 227 | 7.7 | .7 | 5.6 | 1.0 | 3,977 | 3,977 | 4,096 |
| $XATA53 | 223 | 1.1 | 0 | 2.0 | 1.0 | 3,977 | 3,977 | 4,096 |
| $XATA54 | 222 | 13.0 | 0 | 6.365 | 6.363 | 32,768 |
| $XATA55 | 221 | 396.7 | 0 | 6.365 | 6.363 | 32,768 |
| $XATA58 | 218 | 18.8 | 0 | 6.365 | 6.363 | 32,768 |
| $XATA60 | 216 | 118.0 | 0 | 6.365 | 6.363 | 32,768 |
| $XATA65 | 211 | 6.8 | 0 | 6.365 | 6.363 | 32,768 |
| $XATA66 | 210 | 132.2 | 0 | 6.365 | 6.363 | 32,768 |

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**Hewlett Packard Enterprise**

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18
Simple Capacity Model

Transaction Profile: acmisepa

Transaction based on Peak Average CPU busy, for:

Time Period:
08 : 00  To  17 : 00

Of Date Period:
01/01/2015  To  12/31/2015

Week Days:
- Su
- M
- Tu
- W
- Th
- F
- Sa

CPUs:
- 00
- 01
- 02
- 03
- 04
- 05
- 06
- 07
- 08
- 09
- 10
- 11
- 12
- 13
- 14
- 15

Assume 3% monthly growth for the next 18 months

Keep Peak % Busy of any CPU below 65%
Capacity Model – Resource Requirements

Monthly Forecast

TRANSACTIONS PER SECOND

% BUSY

Avg. TPS
Avg. % Busy
Avg. % Busy Plus CPUs

Simple Capacity Model

![Daily Forecast Chart]

- **Average Transactions Per Second (TPS)**
- **Average % Busy**
- **Average % Busy Plus CPUs**

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# Transaction Growth – Resource Requirements

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More:

- User Defined Counters
- Base 24
- Telco INS / HLR
- Linux / CLIMs
- In-house applications
- Behavior Analyses
- NS Live
Cloud Analytics
Remote Analyst

Live to Cloud to Live

Remote Analyst Architecture

1. NonStop
   Automated collection of performance metrics

2. Storage
   Measure
   Pathway

3. Remote Analyst

NS Live

Hewlett Packard Enterprise
Secure – Power – Simple – Always On

- Fully automated
- Any device.
- No client software to install, ever!
- Secured access from any place, any time
- Unlimited access and analyses
- Simple one-time installation on NonStop
- Same price, for any Processor type or count
- One, three, and five year terms
Performance Solutions
Choose what works for you

<table>
<thead>
<tr>
<th>Cloud Solution</th>
<th>1-Year</th>
<th>3-Year</th>
<th>5-Year</th>
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<td>HPRAS3Y</td>
<td>HPRAS5Y</td>
</tr>
</tbody>
</table>
Thank you
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