NTS SHADOW

Exceed the possibilities

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NonStop Consulting Portfolio

**Startup & Upgrade Services**
- HP Foundation Service
- Managed Configuration Service
- NonStop Server Operating System Upgrade
- CME/Telco Deployments

**Review & Planning Services**
- Capacity Planning Service
- Operations Review Service
- Performance Review & Analysis
- System Review Service
- Migration Planning Service

**Availability Services**
- Availability Assessment for NonStop Servers
- Availability Partnership for NonStop Servers
- Remote Database Facility

**Storage Services**
- NonStop XP Implementation
- Virtual Tape Solutions
- Data Sanitization

**Remote Performance Services**
- **NTS Shadow**
- Quick Tuner
- Deep Performance Analyses
- EventPro
- Quick Network Monitor
- Remote System Administration

**Remote Services**
- T-Services
  - T-Move
  - T-Rent
  - T-Swap
- Advisory Consulting Services
- Custom Site Planning and Deployment
- Staff Augmentation
- Specialized Training

**Security Services**
- Security Review Service
- Volume Level Encryption
- SSH and SSL Secure Shell Service
- Merged Audit Service
NTS Bridge - Central & Automated

Secure

Available 24 * 7

Analyses emailed minutes later
NonStop Technical Services & Bridge

- Automation + in depth analyses as needed.
- Significantly lower costs.
- Easy to read analyses.
- Covers all subsystems, network, & operation.
- Available for immediate deployment.
- Flexible packages & options
NTS Bridge on my Desktop. Do you see it?
Connected. Always.

NTS Bridge

- Smart online monitor of HP NonStop Servers
- Simple gadget runs on Windows, Linux, or Apple OS
- Offers threshold settings & Alerts to EMS
- Very light footprint – No Measure
- Your link to automated Analyses Services from HP

Shadow

- Select HP Services & scope (e.g. Quick Tuner)
NTS Bridge on my Desktop. Do you see it?

Monitoring 2 NonStop Servers, watching every CPU.
NTS Bridge – Possibilities...

Busiest Processes. Per node, per CPU, at 10-second snapshots. live / pause / playback. Links to process & program trends.

CPU Trend. Time control & links to process data & trends at every data point.

Process & Program trends Time control & links to process detail.
NTS Bridge – Possibilities +

Set Alerts for multiple Entities & Servers, and monitor their status on the side of your desktop.
Send Metrics to HP Services for automated analyses.

Receive results via email, only minutes later.
NTS Bridge – Possibilities

Quick Tuner – Over 55 different Analyses, packaged in smart workbook form, and delivered within minutes.
Benefits Summary

NTS Bridge provides:

- Most effective, easiest, lightest online monitor in the market.
- Direct & fast link to NonStop Technical Services for quick analyses.
- Alerts about system issues before your business is affected.
- Information that affirms proper utilization of resources, and application behavior.
Quick Tuner
QT

Know about issues before your business is affected
QT Features

• Overall analysis of key system performance indicators & configurations

• Over 55 different analysis reports and sub-reports, with system grading system

• Helps identify problem areas and possible causes of noted performance issues

• Provides recommendations for improving overall system performance in key subsystems and expected results after changes

• Hyperlinks direct you to sub-reports for possible causes of low scoring
**Table of Contents**

Simple view highlights all the alert areas, with direct links, drill-down & context sensitive help.
Node Overview

Single view, showing all major areas, with expert grading & link to details & explanations.
## Processor Overview

### CPU Out of Balance

<table>
<thead>
<tr>
<th>Processor</th>
<th>00</th>
<th>01</th>
<th>02</th>
<th>03</th>
<th>04</th>
<th>05</th>
<th>06</th>
<th>07</th>
<th>08</th>
<th>09</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPU Busy t</td>
<td>78</td>
<td>83</td>
<td>82</td>
<td>79</td>
<td>81</td>
<td>86</td>
<td>85</td>
<td>78</td>
<td>80</td>
<td>86</td>
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<tr>
<td>CPU Q Length</td>
<td>6.71</td>
<td>10.71</td>
<td>10.17</td>
<td>8.14</td>
<td>2.18</td>
<td>4.44</td>
<td>3.99</td>
<td>7.71</td>
<td>1.25</td>
<td>1.96</td>
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<tr>
<td>Dispatch rate</td>
<td>9,961</td>
<td>12,829</td>
<td>9,922</td>
<td>11,860</td>
<td>5,933</td>
<td>7,616</td>
<td>5,010</td>
<td>6,129</td>
<td>3,940</td>
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<tr>
<td>Swap rate</td>
<td>0.94</td>
<td>5.90</td>
<td>1.14</td>
<td>4.07</td>
<td>0.70</td>
<td>2.08</td>
<td>0.42</td>
<td>1.92</td>
<td>0.28</td>
<td>0.68</td>
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<tr>
<td>Processes</td>
<td>4,238</td>
<td>4,238</td>
<td>3,039</td>
<td>3,039</td>
<td>1,682</td>
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<td>Low PIN</td>
<td>101</td>
<td>103</td>
<td>112</td>
<td>114</td>
<td>98</td>
<td>103</td>
<td>102</td>
<td>103</td>
<td>86</td>
<td>88</td>
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<tr>
<td>Transient Processes</td>
<td>N/A</td>
<td>3,520</td>
<td>N/A</td>
<td>2,007</td>
<td>N/A</td>
<td>883</td>
<td>N/A</td>
<td>796</td>
<td>N/A</td>
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<td>Disk Volume Busy</td>
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<td>26.67</td>
<td>4.49</td>
<td>25.18</td>
<td>4.87</td>
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<td>Disk Process Busy</td>
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<td>3.61</td>
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<td>3.61</td>
<td>0.70</td>
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<tr>
<td>% Mem used</td>
<td>59.14</td>
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<td>68.64</td>
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<td>Mem left CB</td>
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<td>0.74</td>
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<td>1.08</td>
<td>1.39</td>
<td>1.17</td>
<td>1.22</td>
<td>1.23</td>
</tr>
</tbody>
</table>

Per CPU detail, identified load balance issues, as well as system & application configuration shortcomings.

Know areas of concern, and drill down to see why.
Transient Processes

Details can be multi-level.
Here,
From transient count,
To program distribution,
To actual process & their details.
To Learn More: www.NonStopTechnicalServices.com
Packages & Options
Promotion & Available Packages

NTS Shadow 3-Pack (Free Feb 15 – May 15, 2012)
- 3-month license for Bridge, plus 3 Quick Tuner Analyses

NTS Shadow Packages & Annual License Fees:

- **NTS Shadow Base** ($4,000)
  - 12-month license for Bridge
  - 4 Quick Tuner Analyses

- **NTS Shadow 12** ($6,000)
  - 12-month license for Bridge
  - 12 Quick Tuner Analyses

- **NTS Performance** ($9,000)
  - 12-month license for Bridge
  - 12 months of unlimited Quick Tuner and Deep Performance Analyses
More...

1. Visit NTS on YouTube: http://www.youtube.com/user/HPNonStopServices

2. Write support@NonstopTechnicalServices.com to plan for VR live demo.

3. Go to http://NonStopTechnicalServices.com/ASM.aspx to:
   • Download a Brochure
   • Request License for NTS Bridge
   • Download installation files

   Email support@NonstopTechnicalServices.com anytime assistance is needed.
Thank you