THE TAIL OF ZABBIX AND NHK INTERNATIONAL

James Green
JAMES GREEN

• Senior Manager over the IT department for North American and Europe locations of NHK International

• Over 20 years experience in the IT industry

• Passionate about bringing Open Source solutions into large enterprises and small businesses

• Personal Website: www.ptltech.com
NHK INTERNATIONAL

- North American Headquarters of NHK Spring Co, Ltd.
- Founded in 1976
- Specializes in providing advanced engineering solutions and designs, testing, investigation, and sales
- Company Website: www.nhkinternational.com
- From an IT side supports 8 locations in North America and Europe
- About 1000 users, 250 servers, and 100 network devices (Switches, Routers, Firewalls)
WHY NOW?

• Rapid Growth
• Internal Practice Changes
• Respond Quicker
WHY ZABBIX?

• Tested:
  • NAGIOS
  • SolarWinds
  • Maintenance Periods
  • Screens
  • IT Services
# FEATURE COMPARISON

<table>
<thead>
<tr>
<th>Function/Feature</th>
<th>Zabbix</th>
<th>NAGIOS Core</th>
<th>Solarwinds</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ease of Configuration</td>
<td>✔️</td>
<td>✗</td>
<td>✔️</td>
</tr>
<tr>
<td>Graphical Display</td>
<td>✔️</td>
<td>✗</td>
<td>✔️</td>
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<tr>
<td>Reporting</td>
<td>✔️</td>
<td>✗</td>
<td>✔️</td>
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<tr>
<td>Maintenance Window Support</td>
<td>✔️</td>
<td>✗</td>
<td>✗</td>
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<tr>
<td>Ability to Customize</td>
<td>✔️</td>
<td>✗</td>
<td>✗</td>
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<tr>
<td>Linux Support</td>
<td>✔️</td>
<td>✔️</td>
<td>✗</td>
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<tr>
<td>Windows Support</td>
<td>✔️</td>
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<td>✔️</td>
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<tr>
<td>Network Device Support</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
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<tr>
<td>Multiple Location (Proxies)</td>
<td>✔️</td>
<td>✗</td>
<td>✔️</td>
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<tr>
<td>SQL Database Backend</td>
<td>✔️</td>
<td>✗</td>
<td>✔️</td>
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<tr>
<td>Application Monitoring</td>
<td>✔️</td>
<td>✔️</td>
<td>✗</td>
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<tr>
<td>Service Monitoring</td>
<td>✔️</td>
<td>✔️</td>
<td>✗</td>
</tr>
<tr>
<td>Notifications (Email &amp; SMS)</td>
<td>✔️</td>
<td>✗</td>
<td>✗</td>
</tr>
<tr>
<td>Parent/Child Services/Checks</td>
<td>✔️</td>
<td>✗</td>
<td>✔️</td>
</tr>
</tbody>
</table>

**Legend**

- ✔️ = Ok, Supported, Good
- ✗ = Not Good, Not Supported, Unavailable
- ✗ = Partially OK, Partially Support
WHAT WE DID

- CentOS 7
- Custom Scripts
- Proxy Servers
- IT Services
HOW IT'S CHANGED US

- Predict Downtimes
- Respond Quicker
- Identify Needs
- Show Waste

IF YOU DON'T LIKE SOMETHING, CHANGE IT.
IF YOU CAN'T CHANGE IT, CHANGE YOUR ATTITUDE. DON'T COMPLAIN.

– Maya Angelou
WHERE WILL WE GO

- User Device Monitoring
- Expanded Location Base
- Production Equipment Monitoring
LESSONS LEARNED

• Define the foundation

• Configure alerting with needed information and timing

• Plan your backup (Yes monitoring needs backups)

“Learn from yesterday, live for today, hope for tomorrow.”
—Albert Einstein.
QUESTIONS