Operations Manager (SCOM): Today & Tomorrow

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Agenda

- What’s new in System Center Operations Manager (SCOM)
- Updates since SCOM 2016
- Community updates for SCOM
- Answering the tough SCOM questions
What is **new** in SCOM?

- Release of System Center Operations Manager 2016
  - Tuning for Management Packs (MP’s)
  - Updates & Recommendations for MP’s
  - Integrated 3\textsuperscript{rd} party solutions (MP’s)
  - Scheduled maintenance mode
  - Console performance enhancements
  - HTML5 (mostly) web console
  - Dozens of new MP’s for 2016
  - Extensible Network Monitoring
  - Improved Unix/Linux Monitoring
DEMO

What is new in SCOM 2016?
What is **new** in SCOM?

- Since the 2016 release?
  - Update Rollups: **UR4** released on 10/24
  - New management packs/updated management packs
- Service Map in SCOM (*think Bluestripe acquisition*)
- New approach to SCOM updates – aligning conceptually with System Center Configuration Manager
Announcements from Ignite

- **New release cadence.**
  - System Center 1801 preview early November. Release Q1 2018

- **Improved Unix/Linux support**
  - “setup improvements” hopefully a better way to deploy “manually”
  - Kerberos support
  - Log file monitoring with FluentD. Essentially this enables us to create monitors etc. based on logfiles as we can with Windows
Announcements from Ignite

- SCOM 2016 HTML5 console
  - Improved diagnostics and drill down – huge for those who haven’t invested in third-party software
  - Custom widget support. Display other charts on your dashboard.

- MP updates & recommendations
  - (introduced in 2016)
  - now supports 3rd party MPs. 56 partners with certified MPs are available.
  - Visual Studio Authoring Extension for VS 2017
  - From: https://adatum.no/operationsmanager/oms-and-scom-announcements-from-ignite-2017
DEMO
Service Map in SCOM 2016
Communities

- **SystemCenterCentral**
  - System Center community heavily focused on the Cloud and Datacenter sections of the technology stack

- **MyItForum**
  - System Center community heavily focused on the Enterprise Cloud Mobility sections of the technology stack

- **SystemCenterCore & MPWiki**
  - Technical documentation Library of management packs for Operations Manager and Service Manager
Community MP Libraries

- New community library of management packs for OpsMgr and SCSM
- systemcentercore.com
Community MP Libraries

- The OpsMgr MP Wiki
- tinyurl.com/OMMPWIKI
New & Recommended Community MP’s & Scripts

- PowerShell in SCOM
- OpsMgr Self Maintenance
- URL Genie MP
- Sky Blue MP to reset monitors
- Enable Agent Proxy MP
- Citrix Logon Simulator
- Ping MP

- Health Check Reports
- Log File Monitoring
- SQL Runas MP
- OLEDB Query
- Veeam Report MP
- Download all OpsMgr MP’s
GREAT NEW COMMUNITY UPDATE!

- Release of the Community Management Pack catalog!
  - Released on October 24th
  - First class integration into the Administration pane
  - Supports SCOM 2012 and higher
  - Documentation, Download, Source Code (Github)
- Moderators:
  - Daniele Grandini, Martin Ehrnst, Nathan Foreman, Shawn Williams Peter Svensson
DEMO

New Community MP’s
The Security Management pack for SCOM!

"provide(s) real time notifications to events that are worth investigation"

- Highlights:
  - App Locker rules
  - Key security group changes
  - Pass the hash, overpass the hash, pass the ticket
  - Cleared security events logs
  - Additional domain controller
  - Identifying known remote execution tools
  - Scheduled task creation
  - UseLogonCredentials registry key
  - Failed RDP attempts
  - And more!

Kudos to the SCOM community!
Influencing the Future of System Center through User voice

- SCOM: tinyurl.com/OMUserVoice
- OMS: tinyurl.com/OMSFeedback
- CM: tinyurl.com/CMUserVoice
- VMM: tinyurl.com/VMMUserVoice
- DPM: tinyurl.com/DPMUserVoice
The tough questions

- *Is there a development team for SCOM?*
- *What is the future of SCOM...*
- *What about OMS?*
- *Is SCOM a dead product?*
Is there a development team for SCOM?

- Yes, there is a development team for System Center including SCOM
- [we have] “a well funded team & pretty large team. Turnaround for support has been SLA tracked and has been much better than what it used to be.”
- I have met with and worked with multiple members of the team
What is the future of SCOM?

- Enhanced Windows Server & Linux Support
  - Log file monitoring support for Linux at par with Windows
  - Setup improvements for the Linux Agent
  - Linux Kerberos support
  - Improvements to the Linux MPs
  - Improvements to Windows Server OS MP
- Fundamentals
  - HTML 5 dashboards
  - Improved UI response with large number MPs
  - 3rd party MP update and recommendation
  - VS2017 support in VSAE
- Better with Azure
  - Service Map integration
Looking Forward

2017

System Center 2016 Update Rollup 3
Bug fixes & critical updates only

2018

System Center 1801 Preview
Preview of features and enhancements

System Center 1801
New features and enhancements, including support for current Windows Server release

2018

System Center 180x Preview
Preview of features and enhancements

System Center 180x
New features and enhancements including support for current Windows Server release

Looking Forward

- Introducing semi-annual feature release cadence this fiscal year
- Semester planning
- Aligned with WS releases
- Access to semi-annual channel will require active Software Assurance
Microsoft’s direction

- Microsoft is betting the farm on Cloud
- "Cloud first, Mobile first"
- Consumption is king
- Significant investments in:
  - Azure
  - EMS (Enterprise Mobility and Security)
  - OMS (Operations Management Suite)
67% Two-thirds of organizations are using a hybrid cloud

RightScale 2017 State of the Cloud Report

* Slide content from Microsoft Ignite 2017
What about OMS?

- SCOM can monitor things that OMS cannot and vice-versa
- Best approach: Better together
- See my session “SCOM Better together with OMS”
Monitoring as a concept will exist, but it will evolve and change...
IS SCOM a dead product?

- Why I say it is not
  - There is a roadmap, development team, and updates to the platform
  - If you have on-prem requirements, SCOM is your answer
  - There is a live and vibrant community!
  - SCOM is a viable tool to monitor what you need

- So... **SCOM’s not dead!**
Q&A / Open Discussion / Stump the Chump
Take the Survey!

Your feedback is important! Please rate the session for a chance to win!
Survey is below session description at [http://elus18.expertslive.us](http://elus18.expertslive.us)
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<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Room</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>2/8: 10:30</td>
<td>Wren</td>
<td>Waterway 6</td>
<td>Advanced Analytics in Azure</td>
</tr>
<tr>
<td>2/8: 11:45</td>
<td>Fuller</td>
<td>Alden Bridge</td>
<td>Operations Manager (SCOM): Today &amp; Tomorrow</td>
</tr>
<tr>
<td>2/8: 2:15</td>
<td>Fuller</td>
<td>College Park</td>
<td>SCOM – Better together with OMS</td>
</tr>
<tr>
<td>2/9: 9:00</td>
<td>Zehner</td>
<td>Waterway 6</td>
<td>Tesla Management 360</td>
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<tr>
<td>2/9: 10:30</td>
<td>Heitkamp</td>
<td>Creekside Park</td>
<td>OpsMgr Deep Dive into Security and Performance</td>
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<tr>
<td>2/9: 10:30</td>
<td>Cornelissen</td>
<td>Alden Bridge</td>
<td>Data visualization techniques with SCOM &amp; OMS</td>
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<tr>
<td>2/9: 2:00</td>
<td>Zehner</td>
<td>Creekside Park</td>
<td>The OMS Solutions Bakery - how to build a custom solution in 60 minutes</td>
</tr>
<tr>
<td>2/9: 3:30</td>
<td>Wren</td>
<td>Waterway 6</td>
<td>Management in Azure: The Big Picture</td>
</tr>
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