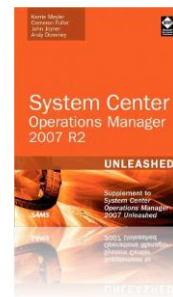


Inside the Microsoft Operations Management Suite

August, 2015

@CFullerMVP



Agenda

- Introducing OMS
- Solutions
- Onboarding
- Adding users
- Weekly reporting
- Providing feedback
- Authoring
- How much data?
- Resources





Introducing OMS

OMS highlights/strengths:

- Cloud based
- Excellent for data visualization: *“Don’t hate it just because it’s pretty”*
- Provides solutions to add features
- Pre-built solutions not requiring configuring or any significant tuning
- Connects into existing OpsMgr environments or standalone systems (Windows currently)
- Potential replacement for ACS



Savision Whitepaper Highlights about OMS

- OMS is currently more analyzing than monitoring since it is lacking alerting, reporting, authoring, MP ecosystem.
- OMS is NOT OpsMgr in the Cloud
- Management of business services is still a core requirement
- OMS Conclusions:
 - Learn OMS and use it together with OpsMgr
 - OpsMgr Vendors – integrate with OMS



Solutions in OMS

Operations Management Suite (OMS)

- **AD Assessment:** Assess the risk and health of Active Directory environments.
- **Alert Management:** Manage your Operations Manager alerts across your servers.
- **Automation:** Automate time consuming and frequently repeated tasks in the cloud and on-premises.
- **Azure Site Recovery:** Monitor virtual machine replication status for your Azure Site Recovery Vault.
- **Backup:** Manage Azure IaaS VM backup and Windows Server backup status for your backup vault.
- **Capacity Planning:** Calculates current and future utilization of each component of your environment.
- **Change Tracking:** Track configuration changes across your servers.
- **Configuration Assessment:** Identify configuration problems across your servers
- **Log Search:** Provides ability to collect and analyze logs and events from all of your computers.
- **Malware Assessment:** View status of antivirus and antimalware scans across your servers.
- **Security and Audit:** Provides the ability to explore security related data and helps identify security breaches.
- **SQL Assessment:** Assess the risk and health of SQL Server environments.
- **System Update Assessment:** Identify missing system updates across your servers.
- **Wire Data:** A third party solution is currently listed in the gallery by “Wire Data”. The description for this solution is “Provides the ability to explore wire data and help identify network related issues.”

Demo:

Touring OMS solutions



Onboarding

Demo:

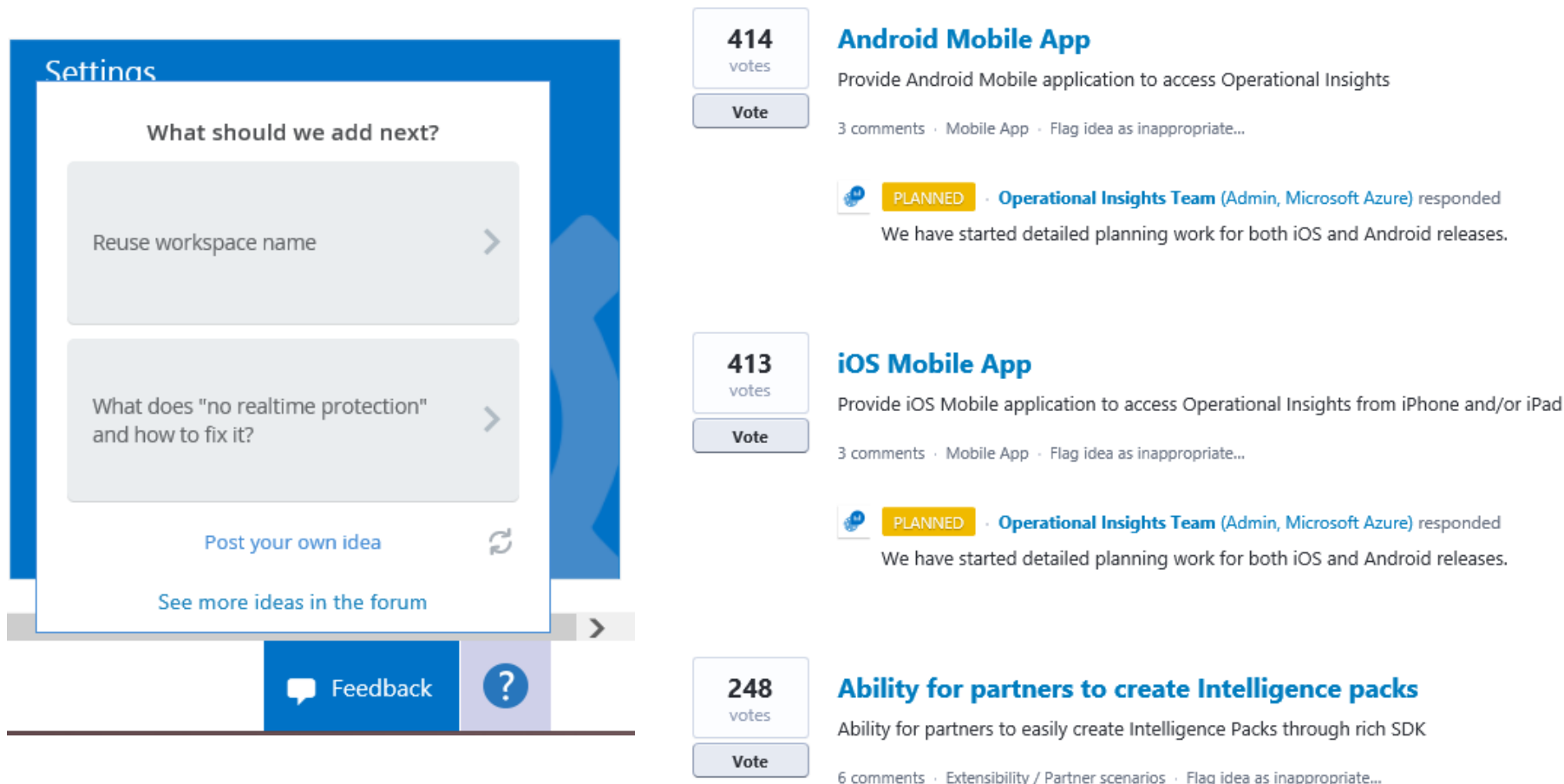
How does OMS integrate with
Operations Manager?
&
Integrating standalone agents



Providing feedback

Providing feedback in OMS:

- Use the user experience – bottom right corner see the “Feedback” icon
- Vote for it! <http://feedback.azure.com/forums/267889-azure-operational-insights>



The image shows a screenshot of the Azure Feedback interface. On the left, a 'Settings' dialog box is open, titled 'What should we add next?'. It contains two suggestions: 'Reuse workspace name' and 'What does "no realtime protection" and how to fix it?'. Below these suggestions are links for 'Post your own idea' and 'See more ideas in the forum'. At the bottom of the dialog is a 'Feedback' button with a speech bubble icon and a question mark icon.

On the right, a list of feedback items is displayed:

- 414 votes**
Android Mobile App
Provide Android Mobile application to access Operational Insights
3 comments · Mobile App · Flag idea as inappropriate...
PLANNED · Operational Insights Team (Admin, Microsoft Azure) responded
We have started detailed planning work for both iOS and Android releases.
- 413 votes**
iOS Mobile App
Provide iOS Mobile application to access Operational Insights from iPhone and/or iPad
3 comments · Mobile App · Flag idea as inappropriate...
PLANNED · Operational Insights Team (Admin, Microsoft Azure) responded
We have started detailed planning work for both iOS and Android releases.
- 248 votes**
Ability for partners to create Intelligence packs
Ability for partners to easily create Intelligence Packs through rich SDK
6 comments · Extensibility / Partner scenarios · Flag idea as inappropriate...



Adding users in OMS

Demo:

Adding users in OMS



Reports from OMS

Reporting

- Weekly OMS Summary Update reporting:

Microsoft Operations Management Suite

Microsoft Operations Management Suite Status Update

[Log In](#)

For SCDemoLabs

From 08/02/2015 to 08/09/2015 (UTC Time)

Alerts

New Alerts:	4 / 6	Total Closed Alerts	102
New Critical Alerts:	0 / 2	Auto Resolved Alerts:	0
New Warning Alerts:	4 / 4	Closed by User Alerts:	102

Top 1 server with the most critical alerts:

Server	Total Critical Alerts on Server	New Critical Alerts on Server
VMM.CAT.DEMO	2	0

Non-reporting Servers

Number of non-reporting agents: 2

Top 2 non-reporting servers:

[See Troubleshooting the Agent for help](#)

Server	Time elapsed since last cab upload
DC2.CAT.DEMO	20 day(s) 15 hour(s) 3 mintue(s)
CATDEMOHV1.CAT.DEMO	20 day(s) 14 hour(s) 43 mintue(s)



Authoring with OMS

Demo:

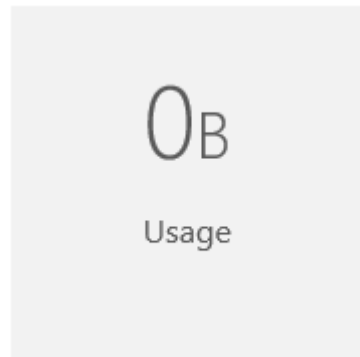
Tao Yang's Monitor the Monitor MP



How much data?

Data usage/flow to OMS

(bottom left corner)



Microsoft Operations Management Suite

Overview ► Usage

USAGE

Today

12.2GB

Last 30 Days

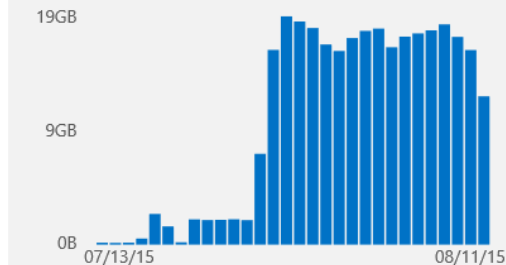
0.3TB

Total Data Use

Data Plan: Free
Estimated Cost >

18

Servers Utilized



Usage per Solution



308.6GB

SECURITY

907.4MB

SQLASSESSMENT

388.4MB

ALERTMANAGEMENT

163.5MB

SYSTEM

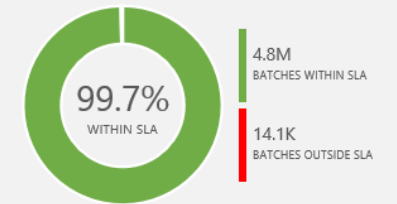
87MB

ADASSESSMENT

47.6MB

6 OTHERS

SERVICE-LEVEL AGREEMENT

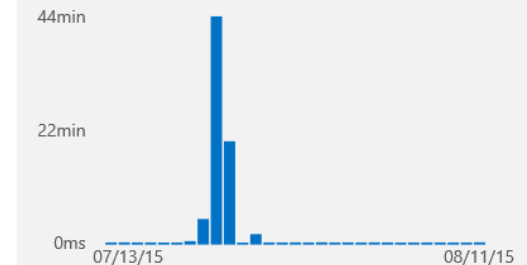


Last 30 Days

154SEC

Average Batch Processing Time

[Download SLA details](#) ↓





Resources to learn OMS

Blogs to know for OMS

- Stanislav:
 - <https://cloudadministrator.wordpress.com/category/microsoft/operations-management-suite/>
- Marnix Wolf's blog posts on OMS:
 - <http://thoughtsonopsmgr.blogspot.com/search/label/OMS>
- Tao Yang blog posts on OMS:
 - <http://blog.tyang.org/about/oms/>
- Dieter Wijckmans blog posts on OMS:
 - <http://scug.be/dieter/tag/oms/>
- Skilling up blog post:
 - Just went live at: <http://blogs.catapultsystems.com/cfuller/>

References links for OMS

Sources:

- Savision whitepaper & webinar:
 - Whitepaper: <https://www.savision.com/free-whitepaper-mvp-cameron-fuller-tackling-elephant-room-opsmgr-still-relevant-cloud>
 - Webinar: <https://www.savision.com/resources/webinar/demand-webinar-operations-manager-still-relevant-world-cloud-mvp-cameron-fuller>
- Microsoft OMS documentation:
 - <http://azure.microsoft.com/en-us/documentation/services/operational-insights/>
- Adding users:
 - <http://blogs.catapultsystems.com/cfuller/archive/2015/07/29/how-to-add-users-to-your-oms-subscription/>



Operations Management - Firm Foundation

- Built to provide **holistic monitoring, insight, and perspective** for applications servers and services
- **Single Pane of Glass**
 - Gain visibility into entire enterprise environment through Microsoft Operations Management Suite (OMS)
- **Conquer System Monitoring Challenges**
 - Tune notifications according to industry best practices & eliminate the noise of “over altering”
- **Proactive Operations Management**
 - Monitor environment regardless of location, operating system, hypervisor, or cloud environment

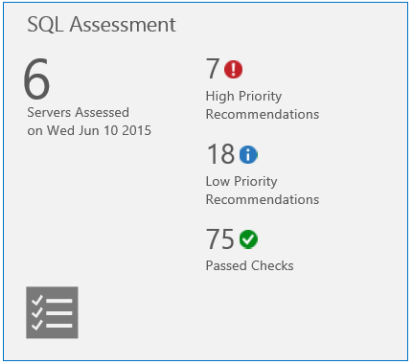
Q&A / Open Discussion



Appendix

Visualize your world with the Cloud using the Microsoft Operations Management Suite (OMS)

SQL Assessment

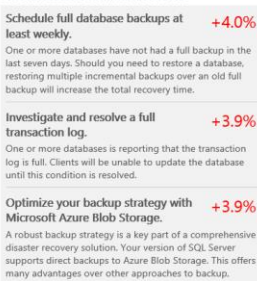


Overview SQL Focus Area

AVAILABILITY AND BUSINESS CONTINUITY

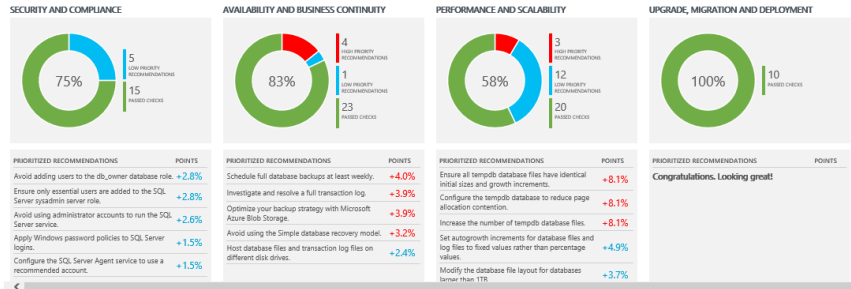


PRIORITIZED RECOMMENDATIONS



Microsoft Operations Management Suite

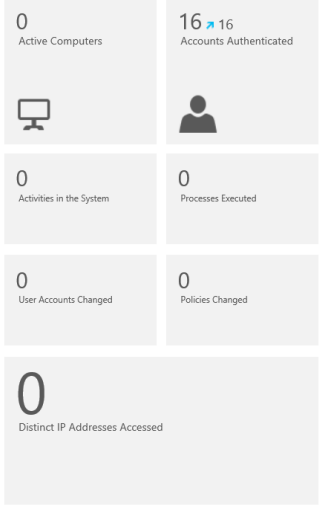
Overview SQL Assessment



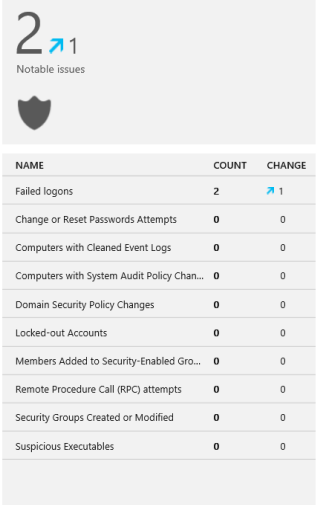
Security and Audit

Overview Security And Audit

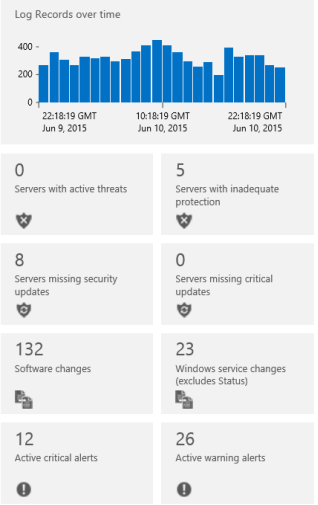
SECURITY POSTURE



NOTABLE ISSUES

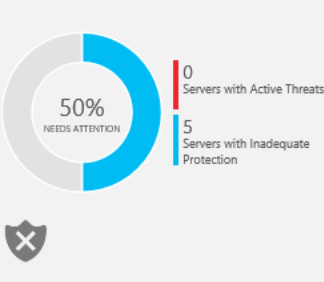


CONTEXT

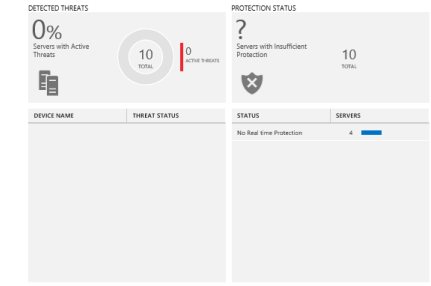


Malware Assessment

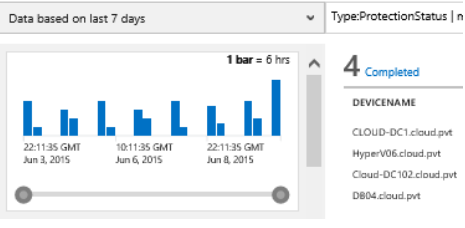
Malware Assessment



Overview Antimalware

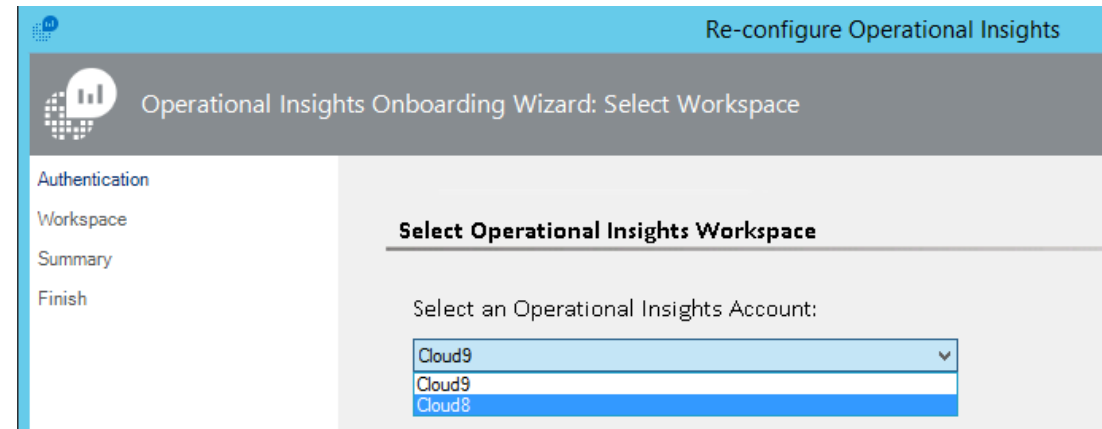
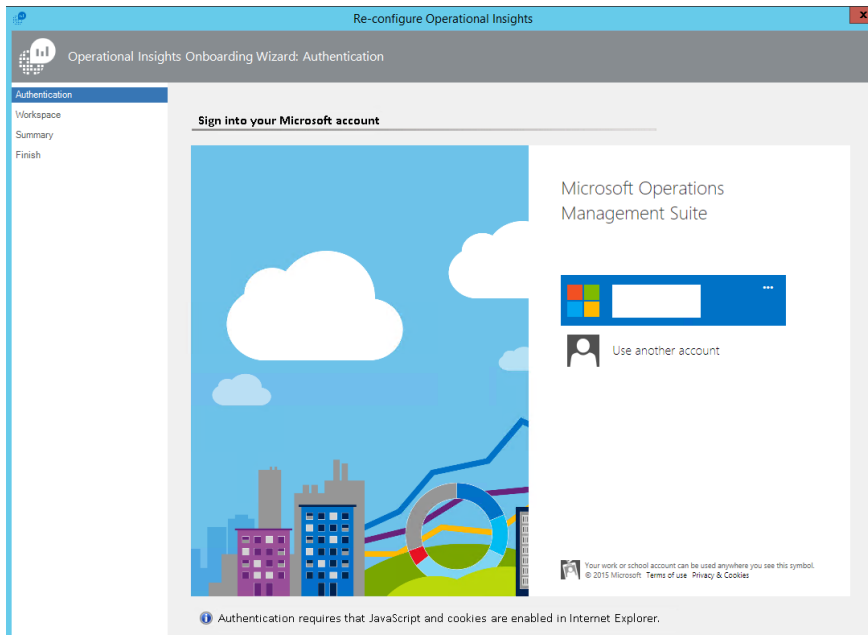
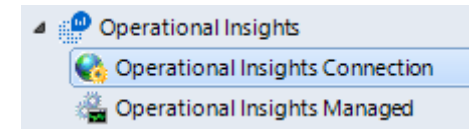


Search



OMS Integration

- Upgrade to UR6 and add the included MP's
- Configuration: Administration Pane
- Operational Insights Onboarding Wizard



OMS Integration

- Add existing OpsMgr agents from the Administration pane
- What does it provide on the Monitoring pane? (old name still)

