

Microsoft Operations Management Suite

Simplified IT Management for any enterprise



The challenge we face today

Today's hybrid reality means your applications and data are spread across multiple vendors' environments. While you may not control all the platforms they run on you still need to manage and control these assets to help your organization meet business, compliance and regulatory needs.

How does OMS simplify this challenge?

Microsoft Operations Management Suite (OMS), enables IT Administrators and DevOps Engineers to gain deep insight into their environments. OMS leverages the investments you have made in System Center and PowerShell and our best practices in operating the world's largest cloud environment to simplify management of your assets wherever they live. That means any instance (physical, virtual or container) and any cloud, including Azure, AWS, Windows Server, Linux, VMware, and OpenStack at a lower cost than competitive solutions. OMS is a SaaS solution that tracks and manages:

Log Analytics: collect and search across multiple machine data sources and identify the root cause of operational issues.

Availability: enable integrated recovery for all servers and applications, no matter where they reside.

Automation: orchestrate complex and repetitive operations for more efficient and cost-effective hybrid cloud management.

Security: identify malware status and missing system updates, and collect security related events to perform forensic, audit and breach analysis.

But that's not all, we plan to bring additional features to OMS in 2015, including cloud-based patching, inventory, container management, and more.

Key benefits

- Single console of all IT Management tasks
- Ready made intelligence for common IT administrator tasks
- Reduces mean time to investigations
- Real-time central data repository
- Supports both on-premise and cloud assets
- Modern experience that is accessible on any device
- Rich dashboarding and reporting capabilities powered by search queries
- Zero infrastructure and maintenance costs
- Supports any number of devices and users

What is covered in the document?

Onboarding Steps

Page 2-3

FAQ

Page 3

Solutions

Page 4-5

Onboarding Steps

Microsoft Operations Management Suite(OMS) enables you to onboard in less than 5mins, its require no content to create, and connects to your on-premises datacenter and cloud assets.

Sign Up in 3 Clicks

1

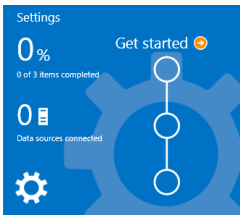
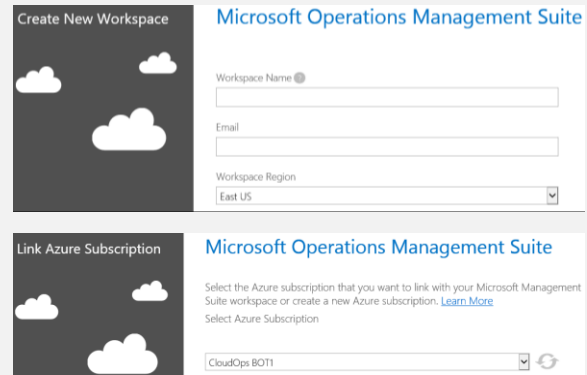
Go to Microsoft.com/OMS and click the **"Try for Free"** button. Sign in with **"Microsoft Account"** such as Outlook.com, Hotmail.com or other Microsoft services. You can also sign in with an **"Organizational account"** the account provided by your work or school to use with Office 365 or other Microsoft services.

2

Provide a unique **"Workspace Name"** such as `<CompanyNameProd>`. A workspace is a logical container where your data is stored and provides you a way to partition data. Specify an **"Email"** address and the **"Region"** where you would like to see your data will reside.

3

You can create a new Azure Subscription or link to an existing subscription. If you would like to proceed using the **Free Trial**, click the **"Not Now"** button.



Congrats you are now inside the OMS portal. To choose the solutions you would like to leverage and start receiving data click on the blue **"Getting Started"** tile.

Select the **"Solutions"** you would like to use and click the **"Add selected Solutions"** button.

For details on the capabilities of each of these solutions please read the solutions section on page 4. Next step, choose how you would like to connect to your environment.

3 Ways To Send Data

1 Install an Agent

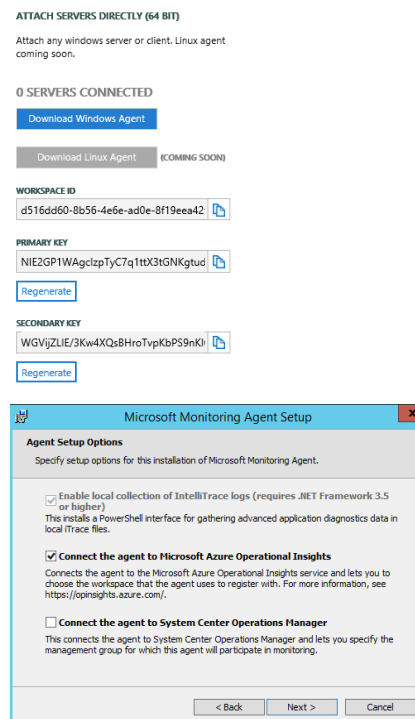
2 Connect using System Center Operations Manager

3 Connect to Azure Storage Account

1. Install an Agent

Connect Servers directly to OMS

- In the **"Getting Started"** view click the **"Connect a data source"** node and click the button to **"Download Windows Agent"**. The agent can only be installed on Windows Server 2008 SP1 or above or Windows 7 SP1 or above. We also require the servers to be x64 architecture.
- Install the agent on one or more computers: You can install agents one by one, or install in bulk using a [script](#) or your software distribution solution.
- After agreeing to the License agreement and choosing your install folder, select that you want to connect the agent to **Microsoft Azure Operational Insights**.
- In the next screen you will be asked for your **Operational Insights workspace ID** and **workspace key**. Your workspace ID and key can be found in the same screen where you download the agent file. We've also added a copy button to each key so you can copy these to your clipboard easily and avoid typos.
- In the same installer screen you can click "Advanced" to optionally setup your proxy server and provide authentication information. Click Next to get out of the proxy configuration screen and return to the workspace information screen.
- When you click Next, your workspace ID and key will be validated. If we find any errors in this information you can hit Back to make any corrections. Once we confirm your workspace ID and key are correct, you can click Install to complete agent installation.
- Log back onto your **OMS portal**, and click the **"Servers & Usage"** title on the overview page. You will see a green check mark icon appear once the agents communicate with the service (this usually takes 5-10mins initially). The Capacity Management and Configuration Assessment solutions are not currently supported by servers connected directly. You'll still need System Center if you'd like to use these IPs.



Connect via System Center Operations Manager

Onboarding Steps

OMS enables you to connect to your System Center Operations Manager(SCOM) SP1 and R2 environments and send data up to the service without requiring any additional hardware or causing additional load on your management groups. This will allow you to use existing Operations Manager agents as Operational Insights agents.

Steps to connect via SCOM

1. In the Operations Manager console, click **Administration**.
2. Expand the **Operational Insights** node and click **Operational Insights Connection**.
3. Click the **Register to Operational Insights** link towards the top right and follow the onscreen instructions.
4. After completing the registration wizard, click **Add a Computer/Group** link.
5. In the **Computer Search** dialog box you can search for computers or groups monitored by Operations Manager. Select computers or groups to onboard to Operational Insights, click **Add**, and then click **OK**. You can confirm that the service is receiving data by going to the "Server & Usage" tile in the OMS portal. Data should appear in 5-10 minutes.

Analyze data from servers in Microsoft Azure

With OMS you can quickly search event and IIS logs for cloud services and virtual machines by enabling Diagnostics in Azure Cloud Services. You can also get additional insights from your virtual machines by installing the Microsoft Monitoring Agent. Details on how to configure your Azure assets to leverage OMS can be found [here](#)

Need Help?



Use our
feedback
forum [here](#)

Feature Request



Contact premier
support [here](#)

Call Support



Email us at scdata@microsoft.com

Note on average it takes 48hrs to get a response
through this channel

Email Us

Frequently Asked Questions

1. Is there a Free version? What is the pricing model?

There is a Free version which you can use as long as you want. The free version limits the volume of Log data you can send to 500MB, with a 7day retention which includes the Change Tracking, Update Assessment, Capacity Planning, Alert Mgmt, Security and Audit, Malware, AD and SQL Assessment solutions. With the Automation solution, you get 500 minutes of free automation job runs and the Site Recovery solution allows run for 31 days. The Backup solution is currently a paid only solution.

2. What determines the amount of data sent to the OMS Service?

Your data volume is directly proportional to the number of agents and solutions you have added to your OMS workspace. You can view your data usage at any time using the "Servers & Usage" tile in the OMS portal.

3. What happened to the Azure Operational Insights service?

Azure Operational Insights is serving as the foundational piece of OMS delivering its built-in log analytics capabilities. If you are an existing AOI customer your data will be available in OMS and you will have the same consistent experience.

4. Can I use OMS if I don't have Operations Manager?

Yes. You can configure individual computers to send data to OMS using only an agent, without the need of an Operations Manager management server.

5. Are there changes I need to make to my on-premises environment?

No. You can use OMS using only the Agent on the servers or VMs you'd like to onboard. However, if you are using OMS through a System Center Operations Manager environment you will need to install the latest update rollup of – System Center 2012 SP1 or R2, which you can download [here](#). You can check your version of Operations Manager by navigating to the 'Console Administration' page.

6. Does onboarding to the OMS service impact the performance of my on-premises System Center Operations Manager environment?

The OMS service does not impact the operational database or data warehouse. OMS doesn't use any on-premises data store—data is sent directly to the OMS service in the cloud from the Operations Manager management server. The data sent over the wire is also compressed to minimize load on your network.

FAQ Continued...

7. Can I retrieve my data using an API?

OMS does not have a public API today. However, the OMS team is considering this option based on detailed feedback requirements from customers. You can contact the OMS team using the Feedback button at the bottom of the OMS Portal.

8. What is a OMS Solution pack?

Solutions are a collection of logic, visualization and data acquisition rules that address key customer challenges today. They allow deeper insights to help investigate and resolve operational issues faster, collect and correlate various types of machine data and helps you be proactive with activities such as Capacity Planning, Patch status reporting and security auditing.

9. Where will my data be stored? Which datacenter?

OMS allows you to store your data in the Windows Azure North America or West Europe datacenter.

10. What is an Organizational Account?

An organizational account, previously known as Microsoft Online Services ID, is an account created by an organization's administrator to enable access to Microsoft organizational services or Microsoft cloud service subscriptions, such as Office 365 or Windows Intune. These organizational accounts are managed by an organization's administrator through Windows Azure Active Directory and are usually in the form of username@orgname.onmicrosoft.com. For more about the Microsoft Organization ID account, see the [Microsoft Account for Organizations FAQ](#).

11. What is an OMS Workspace?

The OMS workspace is the level at which data is collected. Each OMS workspace is unique and can have multiple Microsoft and Organizational accounts associated with it, and each user account can have multiple OMS workspaces.

Solutions for your common IT tasks

Enhancing your System Center investments

Solution	System Center 2012 R2	Microsoft Operations Management Suite
Operational Visibility and Management		
Proactive smart alerts	✓	✓
Comprehensive operations dashboards, and reporting	✓	✓
Real-time and customizable monitoring	✓	✓
Customizable dashboards	✓	✓
Performance Monitoring and Analytics		
Monitoring of OS Resources (CPU, disk, memory, network) for Windows, Linux systems	✓	✓
On-premise server performance monitoring	✓	✓
Azure server performance monitoring		✓
SAN Storage analytics		✓
Capacity Planning		
Forecast resource utilization trends	✓	✓
Optimize virtual machine placement, investigate "what-if" scenarios, pinpoint capacity shortages, identify stale and over-allocated VMs		✓
Identify storage bottlenecks		✓
Configuration and Change Tracking		
Detect potential configuration issues or deviations from identified best practices.		✓
Monitor Software, Windows Services, Registry Keys, Group Policy and File changes		✓

Solution	System Center 2012 R2	Microsoft Operations Management Suite
Security		
Security Log Collection	✓	✓
Breach and Threat detection		✓
Deep forensic analysis		✓
Malware detection and Software update status		✓
Log Management		
Universal log collection and analysis		✓
Unlimited data retention		✓
Adding structure to all types of unstructured data		✓
Real-time monitoring, search and log analytics		✓
Dashboards powered by search queries		✓
Third party and community based intelligence packs		✓
Automation		
VM provisioning	✓	✓
Application Deployment	✓	✓
Runbook Gallery		✓
Graphical Designer		✓
Works with Azure resources seamlessly		✓
Backup		
Supports Application Backups	✓	✓
Supports Server Backups	✓	✓
Supports Data Backups	✓	✓
Geo-replication capabilities		✓
Site Recovery		
Automated protection and replication of VMs		✓
Customizable recovery plans		✓
Supports replication and recovery of physical or virtual machines.		✓
Orchestrated Recovery		✓

Let's get started today

Join us today by visiting www.microsoft.com/OMS and signing up for this service. If you have any additional questions or need help onboarding please emails us at scdata@microsoft.com