# Microsoft

# Operations Management Suite
## PRICING AND LICENSING DATASHEET – SEPTEMBER 2016

Operations Management Suite (OMS) enables you to gain visibility and control across your hybrid cloud with comprehensive operations management and security. Available through four key service offerings, OMS provides you flexible access to the management capabilities you need. Each of the integrated services includes advanced functionality across Windows Server and Linux and are designed to complement each other through further integrated offerings and suite for greater cost savings.

| Insight & Analytics | Automation & Control | Security & Compliance | Protection & Recovery |
|---|---|---|---|
| **$15 per node*** | **$10 per node*** | **$15 per node*** | **$30 per node*** |
| Gain visibility across workloads, giving access to all the information needed on what's happening in the environment. | Enable consistent control and compliance across environments for both Azure, third-party clouds and on-premises datacenters. | Drive security across your environment, with sophisticated threat intelligence capabilities, malware detection, and indicators of compromise. | Ensure availability of important applications and data, and keep critical data protected with integrated cloud backup and site recovery. |
| Includes<br>• Log collection and search<br>• Application and server dependency mapping<br>• Network health monitoring. | Includes<br>• Azure Automation<br>• Desired state configuration<br>• Change tracking<br>• Update management. | Includes<br>• Advanced security and audit functionality<br>• Malware threat analysis | Includes<br>• Backup to Azure<br>• Site Recovery to Azure and to customer-owned sites |
| Rights to use System Center 2016 Operations Manager.^ | Rights to use System Center 2016 Configuration Manager, Service Manager and Orchestrator.^ | Azure Security Center availability for deep security management of Azure services. | Rights to use System Center 2016 Virtual Machine Manager and Data Protection Manager.^ |

\* Estimated retail price per node per month. Pricing is in US dollars and can vary by country.
^ Right to use System Center components are available with annual commitment.
 Please contact your partner or Microsoft representative for a quote.

V1.4

# Operations Management Suite subscription

The Operations Management Suite (OMS) subscription offers a simple way to access a full set of cloud-based management capabilities, including analytics, configuration, automation, security, backup, and disaster recovery. OMS subscriptions include rights to System Center components to provide a complete solution for hybrid cloud environments.

For enterprises, OMS E1 and E2 subscriptions are structured per node per month with an annual commitment and provide a greater discount versus purchasing each of the included components separately.

The OMS E1 subscription enables advanced Insights & Analytics, coupled with Automation & Control. E2 builds on this with Security & Compliance, Backup and Site Recovery. Both subscriptions include System Center 2016.

Operations Management Suite subscriptions are priced per node per month, with an annual commitment. With these flexible options, you can select the offer that makes the most sense for your needs.

| Operations Management Suite | E1 | E2 |
|---|---|---|
| Insight & Analytics | ✔ | ✔ |
| Automation & Control | ✔ | ✔ |
| Security & Compliance | | ✔ |
| Backup | | ✔ |
| Site Recovery (E2E and E2A) | | ✔ |
| System Center 2016 | | |
| Configuration Manager | ✔ | ✔ |
| Operations Manager | ✔ | ✔ |
| Orchestrator | ✔ | ✔ |
| Data Protection Manager | ✔ | ✔ |
| Virtual Machine Manager | ✔ | ✔ |
| Service Manager | ✔ | ✔ |
| **Estimated Retail Price** | **$20*** | **$35*** |

* Estimated retail price per virtual machine per month with annual commitment. Pricing is in US dollars and can vary by country. Please contact your partner or Microsoft representative for a quote.

# What if I am already using System Center?

For current System Center customers with Software Assurance, there are multiple options available to acquire OMS services.

- To take advantage of a specific cloud-based capability right away, you can quickly and easily attach one of the OMS service offerings to your existing System Center environment.

- To get the full benefit of cloud management, and access all the OMS services at a convenient price, the OMS Add-on for System Center enables you to simply attach OMS services to your existing System Center license. Use this option, if you want to start using OMS services in the middle of a multi-year System Center agreement. You would continue paying for System Center till the end of your existing agreement

- Customers nearing the end of their renewal cycle can take advantage of a special price and convert their System Center licenses to an OMS Subscription. Once converted, you do not need to pay for System Center separately. The OMS subscription includes rights to System Center.

| | OMS Add-on for System Center^ | | OMS subscription for System Center conversions | |
|---|---|---|---|---|
| | E1 | E2 | E1 | E2 |
| Prerequisite | System Center with Software Assurance | | | |
| Insight & Analytics | ☑ | ☑ | ☑ | ☑ |
| Automation & Control | ☑ | ☑ | ☑ | ☑ |
| Security & Compliance | | ☑ | | ☑ |
| Protection & Recovery | | ☑ | | ☑ |
| System Center | ✗ | ✗ | ☑ | ☑ |
| **Estimated Retail Price:** | $13/node/month* | $28/node/month* | $17/node/month* | $32/node/month* |

* Estimated retail price per virtual machine per month with annual commitment. Pricing is in US dollars and can vary by country.
^ Your System Center license stays in effect for the life of your agreement.
Please contact your partner or Microsoft representative for a quote.

# What is included in each service?

Operations Management Suite provides a number of integrated solutions across all four service offerings. Each service includes capabilities designed to work together and address common issues

## Insight & Analytics

- **Log Analytics**
    - Activity Log Analytics
    - SC Operations Manager Assessment
    - Azure Networking Analytics
    - Service Fabric Analytics
    - Wire Data
    - AD Replication Status
    - Alert Management
    - Container Monitoring
    - Surface Hub Monitoring
    - DDI Analytics
    - AD Assessment
    - Agent Health
    - Key Vault Monitoring
    - Office 365 Analytics
    - SQL Assessment
    - Application Insights Connector
    - VMware Analytics
- **Application Dependency Monitor**
- **Network Performance Monitor**

- *Includes Log Analytic daily upload data - 500 MB /node/day*
    - *Allocation of upload data is pooled across nodes.*
    - *Additional data uploaded over included daily data $2.30 per GB*
- *Includes data retention - 1 month*
    - *Additional retention beyond 1 month $0.10/GB/month*

## Automation & Control

- **Azure Automation**
- **Desired State Configuration**
- **Change tracking**
- **Update management**

- *Number of Automation minutes*
    - *Unlimited minutes for out of box solutions*
    - *10 min/node/day for custom runbooks*
    - *Additional minutes $0.002/min*

## Security & Compliance

- **Security and Audit**
- **Malware Assessment**
- **Azure Security Center**

- *Includes Security and Audit daily upload data - 500 MB /node/day*
    - *Allocation of upload data is pooled across nodes.*
    - *Additional data uploaded over included daily data $2.30 per GB*
- *Includes data retention - 1 month*
    - *Additional retention beyond 1 month $0.10/GB/month*

## Protection & Recovery

- **Azure Backup**
- **Azure Site Recovery**

- *Includes 500 GB per node for Backup*
- *Includes Site Recovery E2A or A2A*
- *Storage is an additional cost*

# Frequently Asked Questions

Common licensing questions in regards to Operations Management Suite service offerings, the Operations Management Suite Subscription and System Center options.

**Q. How can I buy the new services?**
Insight & Analytics, Automation & Control, Security & Compliance, Backup and Site Recovery are each available as standalone services on Azure. When purchased as annual commitments they also include corresponding System Center component

**Q. Can I use these services with my Azure resources?**
Yes, Operations Management Suite is a set of integrated Azure services for management and security across all your resources, in Azure, on-premises, in third-party datacenters, and across other clouds.

**Q. Do I need an Azure subscription to now access Operations Management Suite?**
Azure subscription is now required to use Operations Management Suite services.

**Q. Is Microsoft System Center included in the Operations Management Suite subscriptions?**
When purchased as an annual subscription, each service includes related components of System Center as follows:

- Insight & Analytics includes System Center Operations Manager
- Automation & Control includes System Center Configuration Manager, Orchestrator and Service Manager
- Protection & Recovery includes System Center Data Protection Manager and Virtual Machine Manager
- OMS E1 and OMS E2 include all components of System Center

**Q. Can I remain on my current OMS log analytics and automation plans (pre oct 1st)?**
You can continue to use your current log analytics and automation plans as-is for current workspaces. You will be prompted to change plans when accessing premium OMS services (such as Update Management or Application Dependency Monitor). Refer to page 4 for services included within the plans.

**Q. Can I purchase System Center components separately?**
System Center components are not sold separately. They can either be purchased as part of an OMS offering or as part of a System Center server license

**Q. What if I am a Core Infrastructure Suite (CIS) customer?**
You should take advantage of the Operations Management Suite add-on to System Center, which enables you to bring cloud management into your management portfolio.

**Q. If I purchase OMS E1 or E2, or annual commitment suites, how do I implement this when I provision my OMS services?**

As long as when you purchase your OMS licenses that are attached to the same Azure enrollment that your subscription uses, the system will use your purchased suite allocation. You will see this reflected in your monthly statement.

**Q. Why would I purchase Insight & Analytics instead of Log Analytics?**
Insight & Analytics builds on the functionality of Log Analytics with expanded network monitoring and dependency mapping capabilities. Log Analytics offers a basic platform for log collection and search. For deeper insight and enhanced ability to troubleshoot, Insight & Analytics offers the best option.

**Q. Is there an extra charge for Linux?**
Operations Management Suite covers both Linux and Windows Server nodes at the same price.

**Q. What is a node? Can I add nodes during the annual subscription?**
A node can be a virtual machine, a physical server, a network device or other instance. You can buy additional nodes either upfront through a suite or by purchasing a pay-as-you-go plan.

**Q. How are node costs calculated?**
Node charges are calculated hourly and any nodes that report for only part of the month will be charged only for the timeframe they send data. A server that reports for 10 days in a month will be charged approximately 1/3rd of the price of the full month (based on 31 days).

**Q. What does the 500 MB daily limit apply to?**
There is a 500 MB daily limit per node that applies to Insight & Analytics and Security & Compliance. Daily limits per node can be stacked across your Azure subscription, and shared across multiple nodes. Ingestion for Automation & Control for change tracking and patch management are included as part of that service. Overages are charged at $2.30 GB/month.

**Q. Do I get charged overages if one of my nodes go over the 500MB per day limit, where my other nodes may be lower then the 500MB limit?**
For the per node plan we calculate the total volume of data ingested during the 24 hour period across all nodes, and subtract the current daily entitlement. Any positive value left over is emitted as overage for the day. In this example, if you have 10 nodes, as long as you remain under 5GB of ingested data per day then overages for log ingestion will not occur for that day.

**Q. What length of data retention in the OMS services.**
Any data charges associated with Backup and Site Recovery are charged separately at regular Azure storage rates Data ingested for all other services in OMS include 1 month of retention at no additional charge. Retention of data for longer then a month is charged at $0.10/GB/month.

**Q. Can I choose to store my data for 12 or more months?**
We will soon be providing an option to store data for up to 2 years. For now, customers can choose to store data month by month.

**Q. What happens if have I been using the standard or premium tier for log analytics?**
Existing customers can continue using the Standard and Premium tiers for their existing workspaces. Any new paid workspaces will include 1 month of retention as part of the base charge. If customers want to store data for longer than a month, incremental retention beyond a month is charged at $0.10/GB/month.

**Q. What happens to my stored data beyond one month if I move from the Log Analytics premium tier to Insight & Analytics?**
If a Premium tier customer moves to a plan that has different retention, the deletion of their data follows the most recent retention setting (in this case one month). Further data retention options are available for storage beyond one month, and shortly customers will be able to choose up to 2 years of data storage.

**Q. Can I continue to use Log Analytics through ingestion?**
Log analytics will continue to be available as an standalone service. Data ingestion is available at $2.30 GB/month

**Q. Can I purchase new or premium services such as Application Dependency Monitor independently?**
New and premium services can only be purchased through the four new service offerings as shown on page 4. This does not apply to Log Analytic included solutions which are available through both the Log Analytics service and Insight & Analytics.

**Q. What happens if have I been using the free or basic tier for automation until now?**

Any customers currently using these tiers will continue to be able to do so for their existing workspace. New customers will be able to choose one of the licensing options based on their needs. When selecting new functionality that is not included with the base Automation service (such as Update Management), customers will be provided guidance on which pricing models are available.

**Q. Are the free tiers for Log Analytics and Automation still available?**

Log Analytics continues to have a free tier up to 500MB per day ingestion, storing data for 7 days. Automation offers up to 500 minutes per month for free, and up to 5 nodes of Desired State Configuration per day.

**Q. What other evaluation options are available for OMS?**

OMS also provides Site Recovery E2A and A2A free for all instances for first 31 days.

**Q. I want to use Automation & Control, or Update Management, what is the easiest way to do this.**

The simplest way to onboard into Automation & Control is to choose this service from the Azure marketplace.
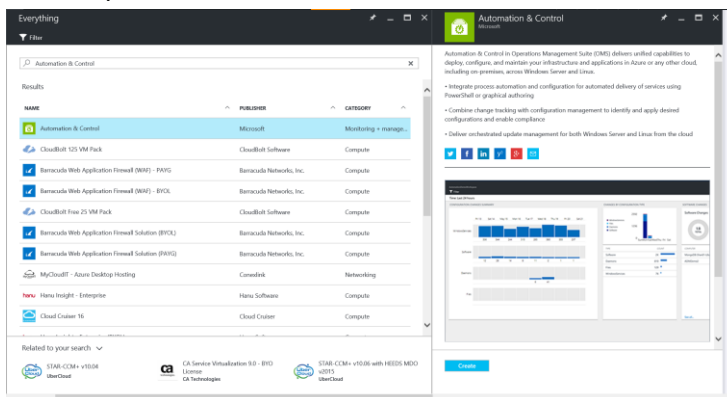


Before an Automation account can be provisioned, you must either select an existing OMS workspace or create one. For a new workspace, you can choose the most applicable pricing tier as per the Log Analytics or Insight and Analytics overviews below in this datasheet. Once a workspace is created or selected, if an automation account exists already for that workspace, the configuration will be immediately available. If an automation account does not yet exist, you can simply provision one. Make sure you hit the OK to provision the account, and then Create to enable the Automation & Control Solution
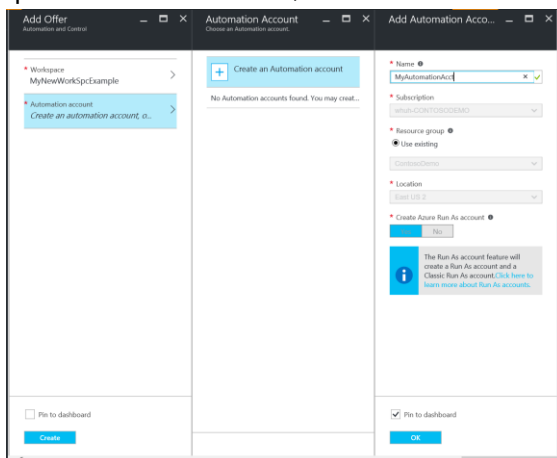
You can check to ensure this was successful by viewing the pricing tier for your Automation account.  It will showcase that you are now using an OMS service.
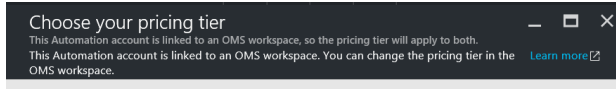


You can configure this service be selecting "Solutions" in the Automation Account settings
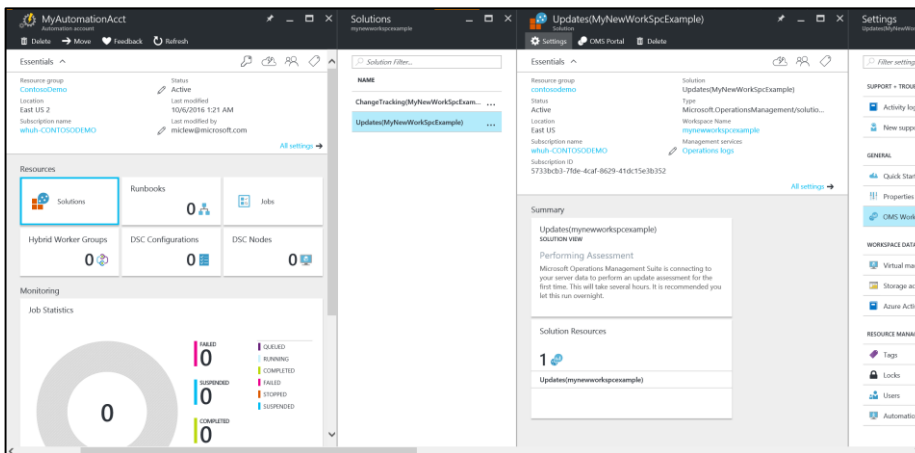


**Q. Can you explain the pricing tiers I now see in the Azure and OMS portal, and what they mean?**
Depending on which service you choose, the pricing tiers will show different information.  Each one is specific to the service.  Here are some examples

### Log Analytics Service



When selecting Log Analytics, you can choose between free, standalone and OMS.

- Free provides up to 500MB of total ingestion per day, and 7 days retention.

- Standalone provides unlimited ingestion at $2.30 per GB, with 30 days retention.  Also included is access to 90 days of Azure activity logs, metrics and diagnostic logs through Azure Monitor integration. Management solutions refer to the included Log Analytic solutions as shown on page 4 of this datasheet.

- OMS refers to the Insight and Analytics service, or OMS E1/E2 allocation.  Be selecting this, you will able to utilize further services as part of OMS (such as Application Dependency Monitoring) via per node licensing.  Refer to page 4 of this datasheet to see daily allocation limits for OMS.

### Automation Service

| F Free | | B Basic | | O OMS | |
|---|---|---|---|---|---|
| – | Per subscription | – | Per Automation acco... | – | Per Automation acco... |
| | 500 job minutes<br>Free per month | | Unlimited job minutes<br>0.002 USD/job minute | | Unlimited nodes<br>10.00 USD/node/month |
| | 5 DSC nodes<br>Free per month | | Unlimited DSC nodes<br>6.00 USD/node/month | | Unlimited job minutes<br>Free per month |
| | 99.9%<br>SLA | | 99.9%<br>SLA | | 99.9%<br>SLA |
| | | | | | Not Available ᶦ |

When selecting Automation, you can choose between free and basic

- Free provides up to 500 job minutes and up to 5 DSC nodes per month.

- Basic provides unlimited job minutes at $0.002 per month and $6 per month for each DSC node.

### Insight & Analytics

| F Free | S Standalone | O OMS |
|---|---|---|
| 500 MB<br>Daily upload limit | Unlimited<br>Daily upload limit | Insight + Analytics |
| 7 days<br>Data retention | 30 days<br>Data retention | Automation + Control |
| 90 days<br>Activity log | 90 days<br>Activity log | Security + Compliance |
| 500 min/month<br>Runbooks | 10+<br>Management solutions | Unlimited<br>Daily upload limit |
| | Unlimited<br>Azure metrics | 30 days*<br>Data retention |
| | Unlimited<br>Azure diagnostics logs | Unlimited min<br>Runbooks |
| 0.00<br>(USD) | 2.30<br>COST PER 1GB (USD) | 10.00<br>STARTING COST PER NODE (USD) |

When selecting Insight & Analytics, you can choose between free and standalone Log Analytics, or OMS Insight & Analytics.

- Free provides up to 500MB of total ingestion per day, and 7 days retention (for Log Analytics only).

- Standalone provides unlimited ingestion at $2.30 per GB, with 30 days retention (for Log Analytics only). Also included is access to 90 days of Azure activity logs, metrics and diagnostic logs through Azure Monitor integration.  Management solutions refer to the included Log Analytic solutions as shown on page 4 of this datasheet.

- OMS refers to the Insight and Analytics service, or OMS E1/E2 allocation.  Be selecting this, you will able to utilize services as part of OMS including Log Analytics, Application Dependency Monitor and Network Performance Monitor via per node licensing.  Refer to page 4 of this datasheet to see daily allocation limits for OMS.