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Azure Monitor SCOM Managed Instance

Simplifying monitoring of Migrated and Arc machines

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Why SCOM MI

Simplified management of SCOM infrastructure

The SCOM components created on Azure are Microsoft-managed. No responsibility on customers for hardware updates, scale-up/down, OS & SCOM updates, and maintaining a healthy management group.

Preserve SCOM investments in monitoring rules

All agent based SCOM management packs are compatible with SCOM MI. Configurations and IP made over years are reusable & migratable to SCOM MI.

Consolidated operational experience

Observability information from SCOM MI will be integrated with Azure Monitor to provide a single monitoring experience for the estate (infra, platform, and apps on Azure and off-Azure).

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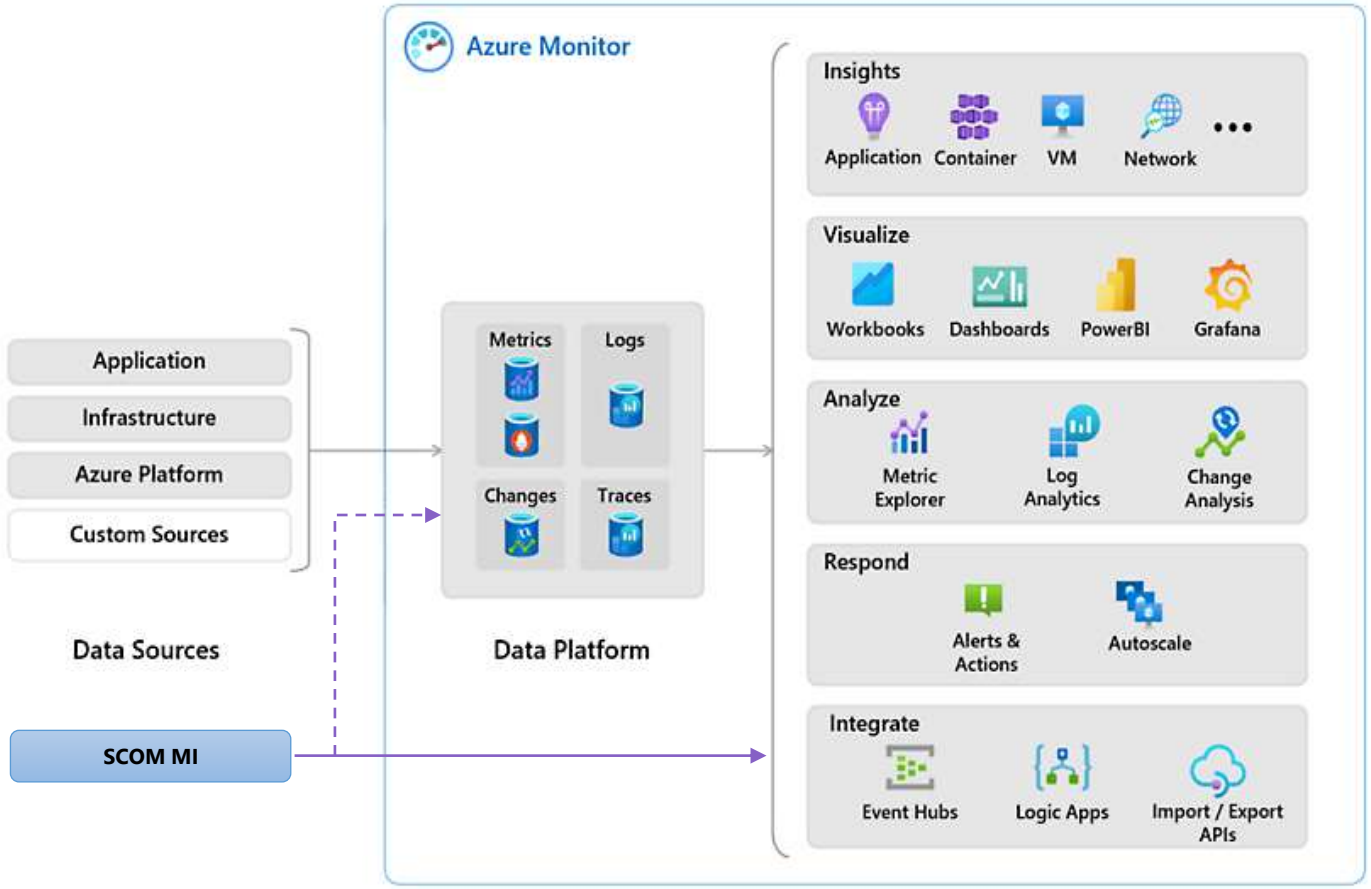
Azure observability and **SCOM MI**

- SCOM Managed Instance is a capability of Azure Monitor
- Enhancement to Azure Monitor with health models for guest workloads
- Uses existing management packs, the time-tested IP for workload monitoring rules
- A consolidated operational layer for all the observability data
  - Respond (Alerts)
  - Visualize (Reports)
  - Analyze (Log Analytics)
  - Integrate (Event hubs)



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When to use SCOM MI

Customers are using SCOM and SCOM MPs to monitor workloads

Modernize Management and reduce Admin Costs

Migrating On-prem workloads to Azure to have a hybrid environment

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Cost savings with **SCOM MI**

***Key Benefit**: Save upto 30%* of your SCOM costs by migrating to SCOM MI*

Component	SCOM Today	SCOM MI – New Customers
Compute	• Customer Managed	• Azure VMs • SQL MI (AHUB benefit – discounted rate)
Environment/Licenses	• OS Licenses purchased • SQL Licenses included • Customer managed updates	• Charges included with Azure resources
Monitoring IP	• System Center SA • Customer managed updates	• Benefit for customers(under discussion) • Pay as You Go pricing : $6/endpoint/month
Labor	• Typical SCOM team size of 3-4 Admins	• Only 1 Admin is required

*This includes certain assumptions about the customer environment. This number might go up/down depending on the change in the assumptions

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When not to use SCOM MI

Customers don't use SCOM today

Customers are modernizing their workloads to SaaS applications in Azure

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The future of SCOM MI

Scenario	Features	SCOM On-Prem	GA	Upcoming enhancements
Manageability of monitoring infrastructure	Patching	Update RollUps (URs) released every 6-7 months and customers have to spend days to update all the SCOM components	Auto OS patches SCOM patches in a customer defined schedule	Agent Updates with single click Managed GW Updates with single click
	Agent management	Manually managed by the customer	Azure managed through VM extensions (Preview)	Azure managed through VM extensions
	Availability, Reliability, Fault-Tolerance	Customer-responsibility. No HA, BCDR promised by the product	Instance-level availability & tolerance	
	Optimization & Scaling	Customer-responsibility and infrastructure heavy	Manually initiated scale from portal	
Workload Monitoring	Reuse of SCOM management packs	All agent-based management packs are supported	All agent-based management packs are supported	Transfer MPs using Migration Accelerator
	Monitoring non-domain workloads	Supported via Gateway servers	Via gateway servers for off-Azure endpoints and Via managed identify for Azure endpoints	Untrusted domain Azure/Arc VMs – No GW required Isolated Network VMs – Managed GW
	Monitoring Arc, multi-cloud	Arc not supported. Azure MP is there	Azure-based, Arc connected and on-prem workloads	Arc VMs – No GW required
Log collection and analysis	Query and analysis of observability data	Querying is possible	Maintained in SQL MI A first-class ability to channel data into log analytics workspace to maintain a central data plane	In-portal Log Analytics querying
Alerting	Real time alerts for infra and apps	Alerting through SCOM Ops console	Integrated alerting with AzMon	
Dashboarding	Basic reports about monitoring setup	SSRS-based reporting	Built-in templates on Azure workbooks and dashboards for Azure Managed Grafana	Quick overview of monitored endpoints via Insights workbook
	App specific reports	Customers have to manually integrate with SquaredUp	Partner published library of dashboards for Azure Managed Grafana	Dashboards & reports of Top used Apps such as SQL, IIS, DNS.