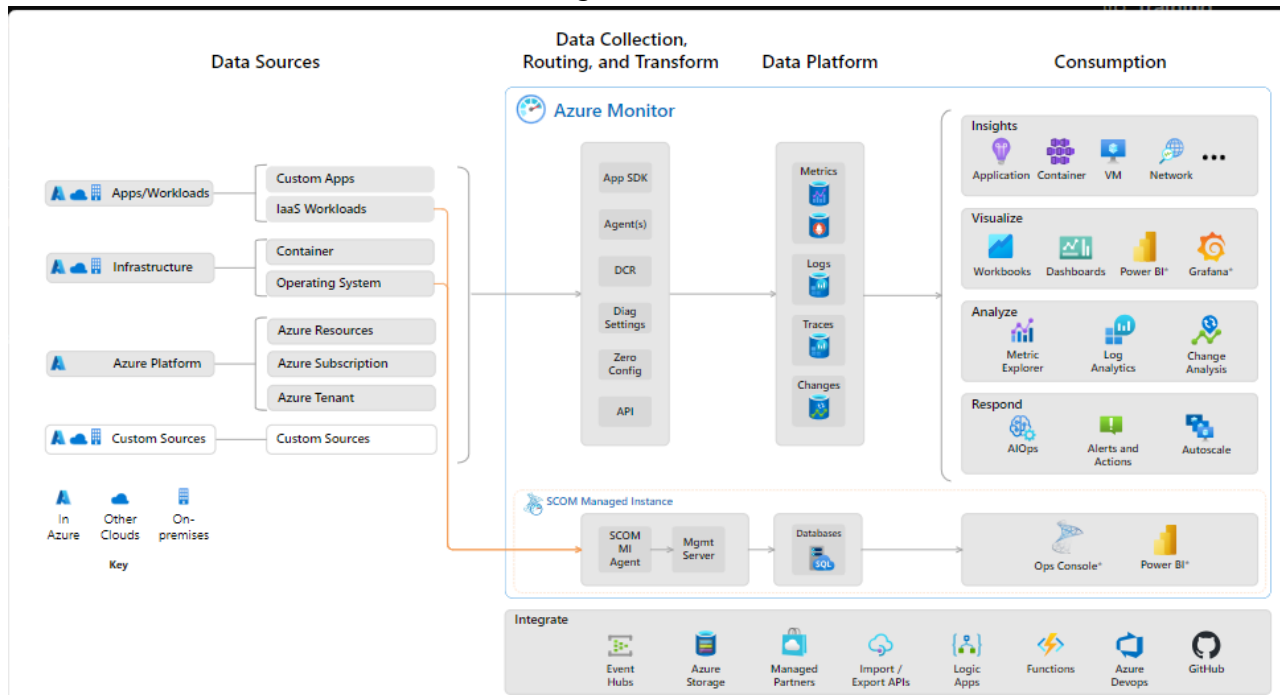


Azure Monitoring Stack

- [Refer Here](#) for architecture of Azure Monitoring stack



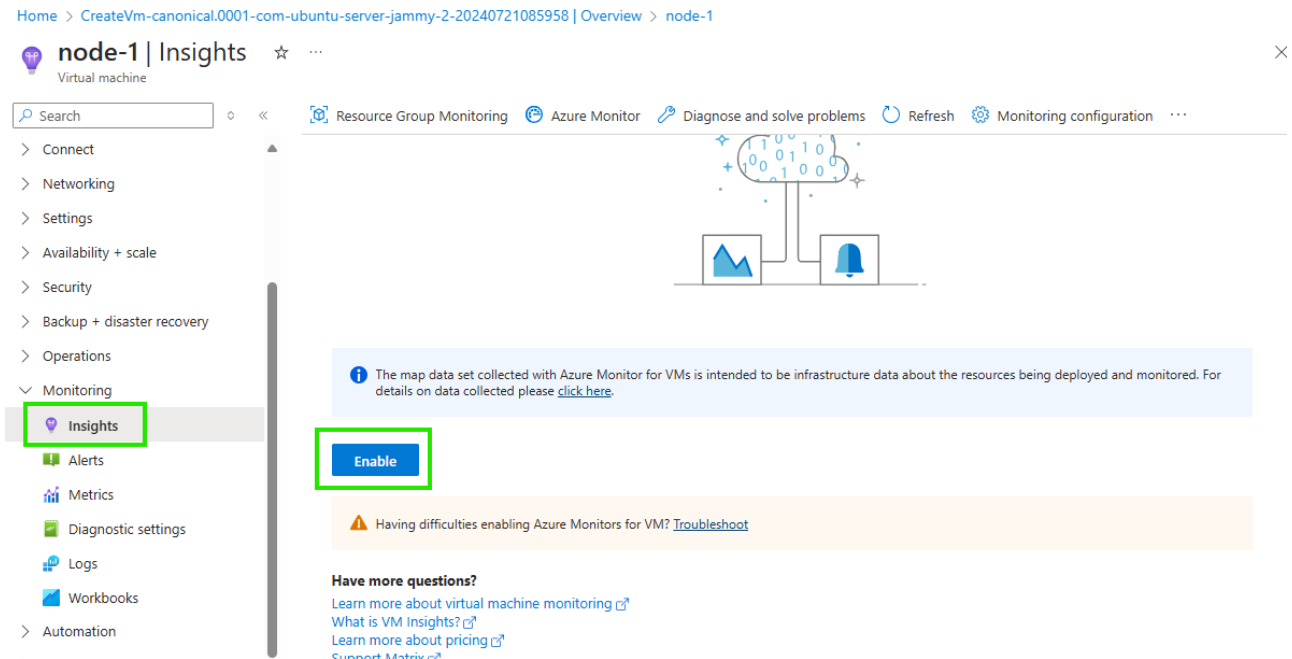
Data Sources

- Sources of Data for collecting metrics, logs, traces and changes are
 - Azure
 - In other clouds
 - On-premises

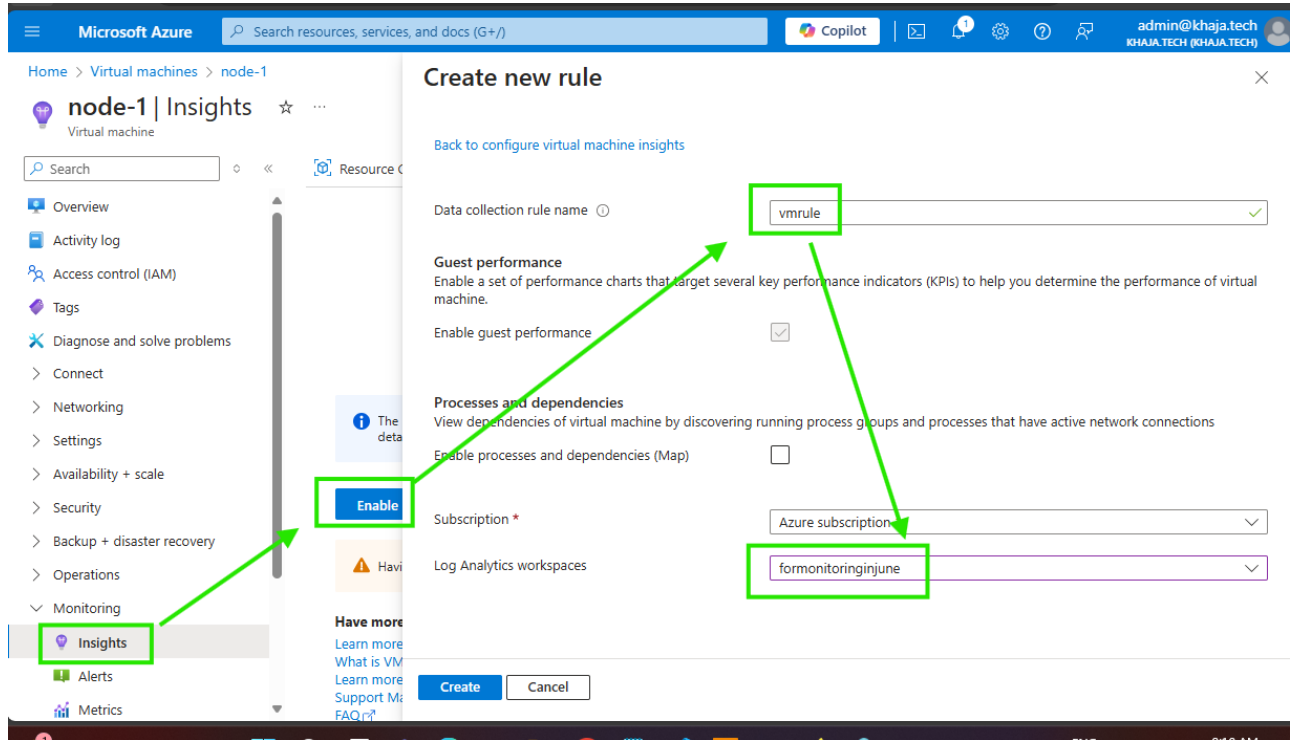
Lets run a simple dotnet application on virtual machine

- Create a virtual machine
- Basic metrics will be collected by Azure

- Lets Enable Insights



- Attach the insights to existing workspace



Monitoring configuration

VM Insights now supports data collection using the Azure Monitor Agent and data collection rules.

Subscription * Azure subscription 1

Data collection rule (new) MSVMI-vmrule

[Create New](#)

MSVMI-vmrule

Guest performance	Enabled
Processes and dependencies (Map)	Disabled
Log Analytics workspace	formonitoringinjune

Configure **Cancel**

node-1 | Insights

Virtual machine

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Connect

Networking

Settings

Availability + scale

Security

Backup + disaster recovery

Operations

Monitoring

Insights

Alerts

Metrics

Notifications

More events in the activity log [Dismiss all](#)

Deployment in progress... Running X
Deployment to resource group 'monitoring' is in progress.
a few seconds ago

Deployment succeeded X
Deployment 'Microsoft.LogAnalyticsOMS' to resource group 'samplepaas' was successful.
[Go to res...](#) [Pin to dash...](#)
5 minutes ago

Lets run a simple dotnet application in PaaS (Azure App Service)

- Create an Azure App Service with free plan
- For creating an App service refer classroom video or quickstart

Customizing Data Collection

- If we want custom metrics or custom behaviors we need to collect the data, For doing that we have Data Collection Methods
- If we are collecting known or common data, we can use Agents and when we want to measure customized metrics then we use APIs *

Log Analytics Workspace

- [Refer Here](#) for Official docs on log analytics workspace
- Create a log analytics workspace in a new resource group