

Module 9 : Assignment 2

Tasks To Be Performed:

1. Use the previously connected VMs
2. Connect Log Analytics to this virtual machine

Solution:

1. Use the previously connected VMs

Home > Virtual machines

Virtual machines

Default Directory (adinfingredo155@gmail.com@microsoft.com)

+ Create Switch to classic Reservations Manage view Refresh Export to CSV Open query Assign tags Start Restart Stop Delete Services Maintenance

Filter for any field... Subscription equals all Type equals all Resource group equals all Location equals all Add filter

Showing 1 to 1 of 1 records.

Name	Subscription	Resource group	Location	Status	Operating system	Size	Public IP address	Disks
Module9Vm	Free Trial	Module9	Central India	Running	Linux	Standard_B1s	52.172.214.183	1

2. Connect Log Analytics to this virtual machine

Home > Virtual machines > Module9Vm

Virtual machines

Default Directory (adinfingredo155@gmail.com@microsoft.com)

+ Create Switch to classic

Filter for any field...

Name

Module9Vm

Module9Vm | Insights

Virtual machine

monitoring Resource Group Monitoring Azure Monitor Diagnose and solve problems Monitoring configuration Provide feedback

Activity log Operations Health monitoring Monitoring Insights Alerts Metrics Diagnostic settings Logs Workbooks

Get more visibility into the health and performance of your virtual machine

With an Azure virtual machine you get host CPU, disk and up/down state of your VMs out of the box. Enabling additional monitoring capabilities provides insights into the performance and dependencies for your virtual machines.

You will be billed based on the amount of data ingested and your data retention settings. It can take between 5-10 minutes to configure the virtual machine and the monitoring data to appear.

The map data set collected with Azure Monitor for VMs is intended to be infrastructure data about the resources being deployed and monitored. For details on data collected please [click here](#).

Enable

Having difficulties enabling Azure Monitors for VM? [Troubleshoot](#)

Have more questions?

[Learn more about virtual machine monitoring](#)

[What is VM insights?](#)

[Learn more about pricing](#)

[Support Matrix](#)

[FAQ](#)

[Update Azure Agent](#)

i The map data set collected with Azure Monitor for VMs is intended to be infrastructure data about the resources being deployed and monitored. For details on data collected please [click here](#).

Enable

Monitoring configuration



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

Subscription *

Free Trial



Data collection rule ⓘ

(new) MSVMI-DefaultWorkspace-b38e9b3d-e40f-4a03-9ae8-665ffd950134-EUS



[Create New](#)

MSVMI-DefaultWorkspace-b38e9b3d-e40f-4a03-9ae8-665ffd950134-EUS

Guest performance

Enabled

Processes and dependencies (Map)

Disabled

Log Analytics workspace

DefaultWorkspace-b38e9b3d-e40f-4a03-9ae8-665ffd950134-EUS

i This will also enable System Assigned Managed Identity, in addition to existing User Assigned identities (if any).
Note: Unless specified in the request, the machine will default to using System Assigned Identity. [Learn More](#)

Currently, only resources in certain regions are supported. [Learn More](#)

Configure

Cancel

Home > Virtual machines > Module9Vm

Virtual machines

Default Directory (adinfingendo150@gmail.com)...

+ Create - Switch to classic ...

Filter for any field...

Name ↑

Module9Vm ...

Module9Vm | Extensions + applications

Virtual machine

Search

What extensions can help me keep my virtual machine secure? What is the difference between VM applications and extensions? What are the types of VM extensions available?

Extensions VM Applications

+ Add Refresh Feedback

Search to filter items...

Showing all 1 items

Name	Type	Version	Status	Automatic upgrade status
AzureMonitorLinuxAgent	MicrosoftAzureMonitor...	1.*	Provisioning succeeded	Disabled

Home > Virtual machines > Module9Vm

Virtual machines

Default Directory (adinfingendo150@gmail.com)...

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Filter for any field...

Name ↑

Module9Vm ...

Module9Vm | Insights

Virtual machine

Search

Resource Group Monitoring Azure Monitor Diagnose and solve problems Refresh Monitoring configuration Provide Feedback

Get started Performance Map

Time range: Last hour as of 11 Sep 21:37

View Workbooks

Logical Disk Performance

Disk	CURRENT SIZE (GB)	CURRENT USED (%)	PS IOPS READ	PS IOPS WRITE	PS IOPS TOTAL	PS MB/s READ	PS MB/s WRITE	PS MB/s TOTAL
/	28.02	8%	0.07	1	1.07	0.01	0.01	0.01
/boot	0.86	14%	0	0	0	0	0	0
/boot/efi	0.1	10%	0	0	0	0	0	0
/mnt	3.86	3%	0	0	0	0	0	0
Total	32.84	8%	0.07	1	1.07	0.01	0.01	0.01

CPU Utilization % @ 1m granularity

Aug Min 50th 90th 95th Max

100% 80% 60% 40% 20% 0%

09:45 09:50 09:55 10:00

Average 105% 95th 100%

Available Memory @ 1m granularity

Aug Max 50th 10th 5th Min

341.01GB 333.81GB 288.11GB 238.41GB 162.21GB 142.51GB 95.41GB 47.51GB 0%

09:45 09:50 09:55 10:00

Average 352.81GB 5th 342.41GB 1st 342.41GB

Home > Virtual machines > Module9Vm

Virtual machines

Default Directory (adinfingendo150@gmail.com)...

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Filter for any field...

Name ↑

Module9Vm ...

Module9Vm | Insights

Virtual machine

Search

Resource Group Monitoring Azure Monitor Diagnose and solve problems Refresh Monitoring configuration Provide Feedback

Logical Disk IOPS @ 1m granularity

Aug Min 50th 90th 95th Max

1.00 800m 600m 400m 200m 0

09:45 09:50 09:55 10:00

Average 1.07 95th 1.07

Logical Disk MB/s @ 1m granularity

Aug Min 50th 90th 95th Max

15.80GB/s 13.70GB/s 11.70GB/s 9.80GB/s 7.80GB/s 5.80GB/s 3.80GB/s 1.80GB/s 0%

09:45 09:50 09:55 10:00

Average 14.71GB/s 5th 14.71GB/s 1st 14.71GB/s

Max Logical Disk Used % @ 1m granularity

Aug Min 50th 90th 95th Max

20% 15% 10% 5% 0%

09:45 09:50 09:55 10:00

Maximum used 0% Maximum (overall) 5.85% Maximum (per VM) 7.14% Maximum (per VM) 28% Maximum (per VM) 7.69%

Bytes Sent Rate @ 1m granularity

Aug Min 50th 90th 95th Max

2GB/s 1.5GB/s 1.0GB/s 0.5GB/s 0%

09:45 09:50 09:55 10:00

Average 1.81GB/s

Insights

Refresh Provide Feedback

Get started Overview Performance Map

Subscription Free Trial Resource Group modules Type: Virtual Machine Time range: Last hour as of 11 Sep 21:39

View Workbooks Alerts

Top N Charts Aggregate Charts Top N List

