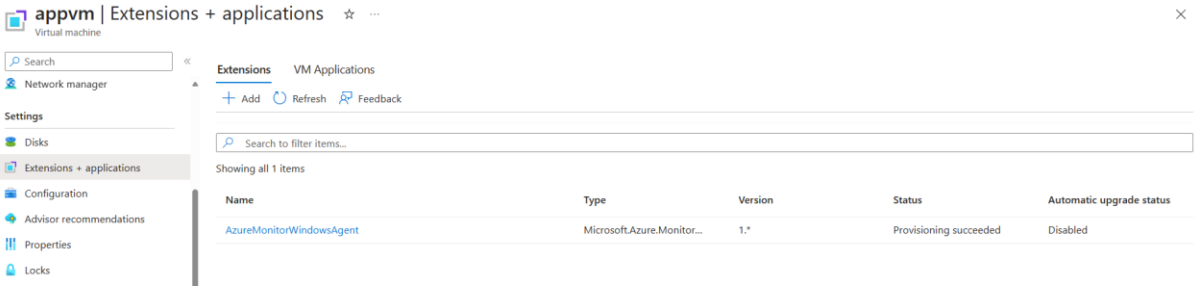
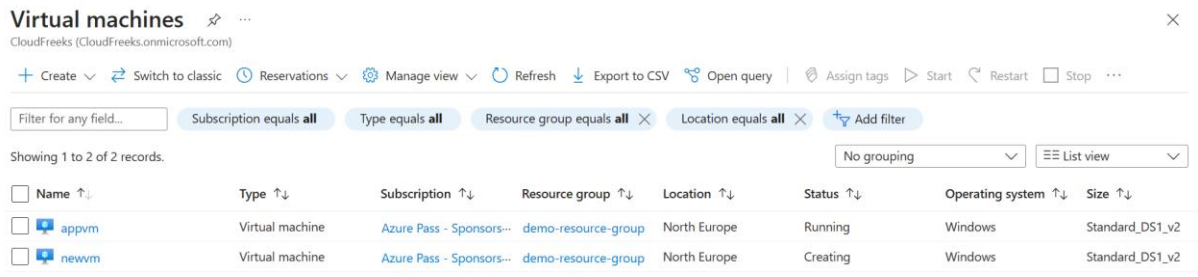
😊 Connecting another VM to the Workspace

In this lab, we're expanding the coverage of our Log Analytics Workspace by connecting another Windows virtual machine (VM) to it. The end goal is to consolidate log and telemetry data from multiple VMs into a single repository for centralized monitoring, analysis, and troubleshooting. This enables us to gain comprehensive insights into the health, performance, and security of our Azure environment, facilitating effective management and optimization of resources.

1. First, go back to your VM, and from the left pane choose to go towards Extension and Application.
2. There are some extensions that get installed when you enable that feature of the data collection rule of sending data onto the Log Analytics workspace.

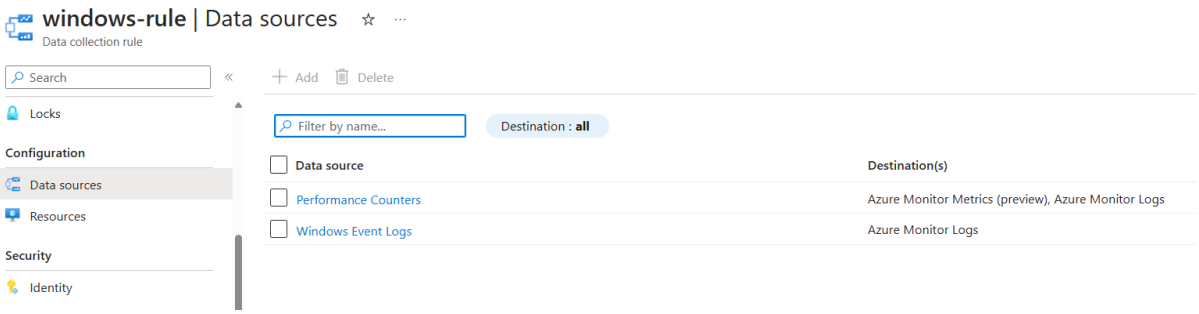


3. Now we will create another Windows VM. Below you can see that we have two virtual machines.

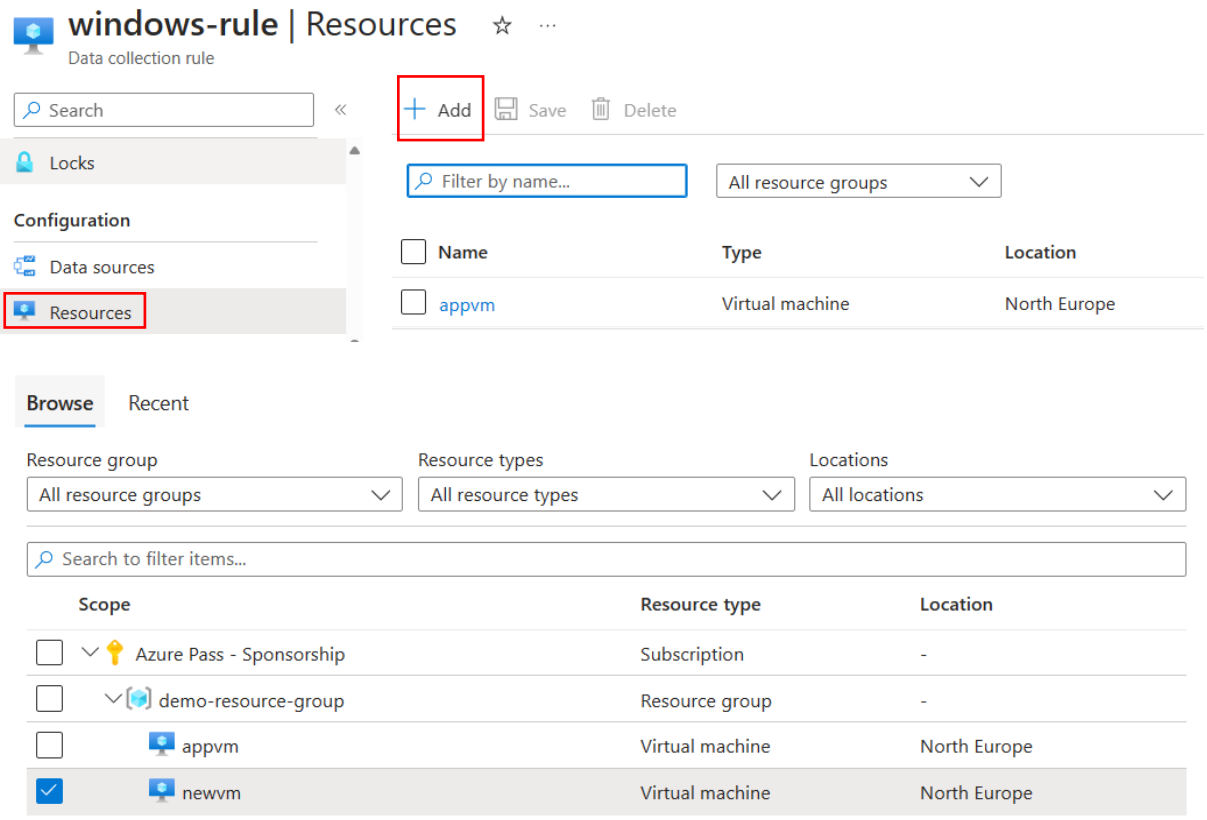


4. Once your machine is created then you need to go to the data collection rule which we created earlier.
5. For that go to all resources and check for it and open it.

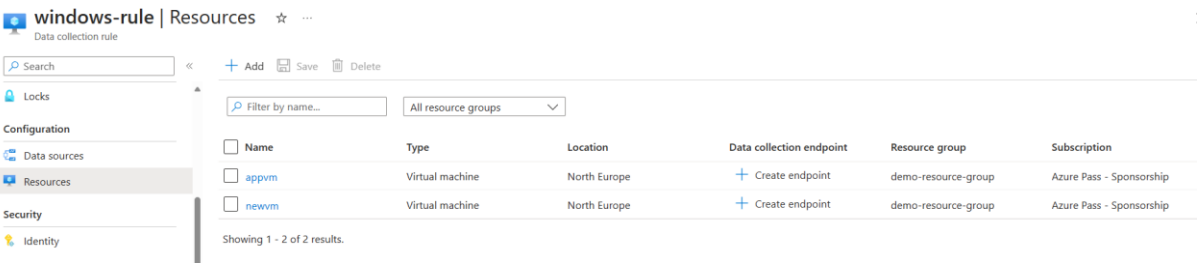
6. In the data collection rule we created two data sources, and we want to connect them with our new VM.



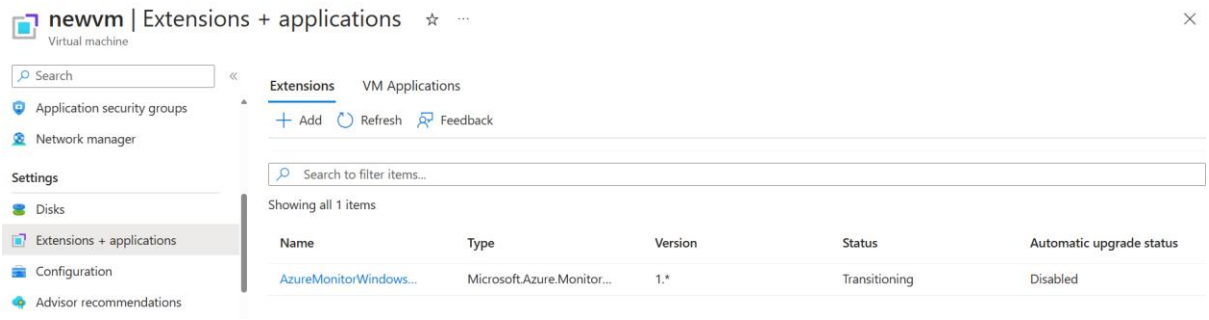
7. For that go to resources and click on Add. Then choose your new VM and click on save.



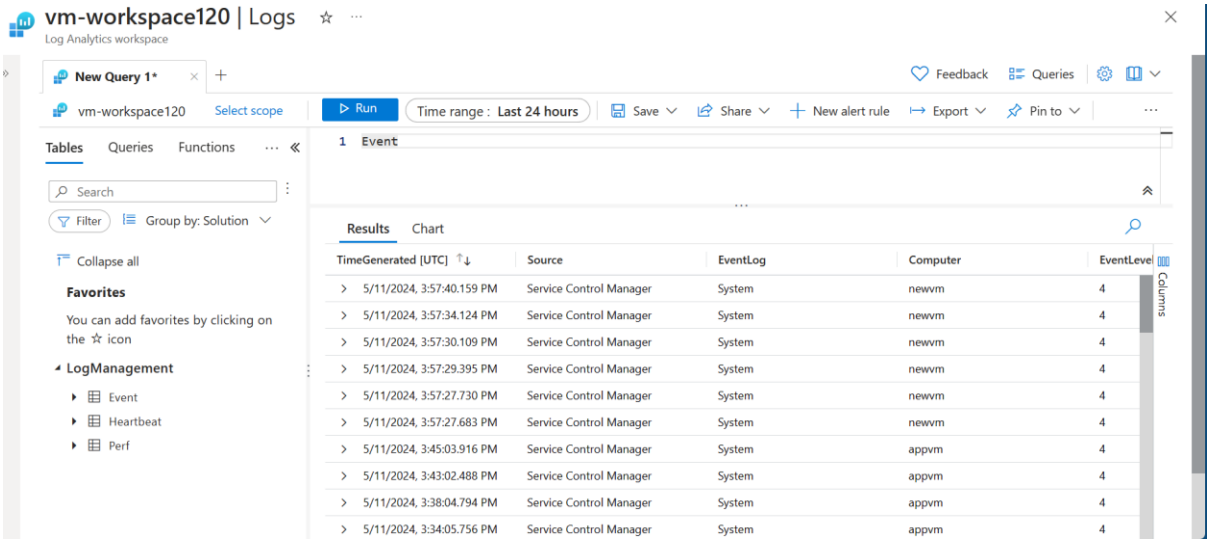
8. And below you can see that we have our new VM in place and by that we have connected our new VM with the logs that we required.
9. Now we have this new VM as a resources for this data collection rule.



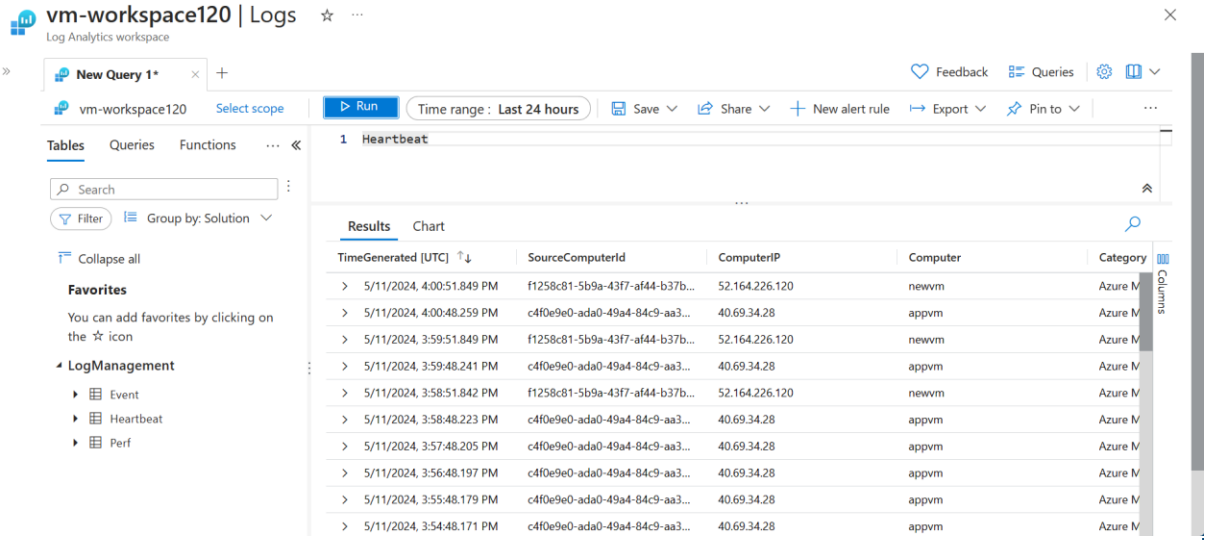
10. Now go to your new VM and from the left go to extension and applications. Here you will see that an extension is getting created but it is currently in transitioning state.

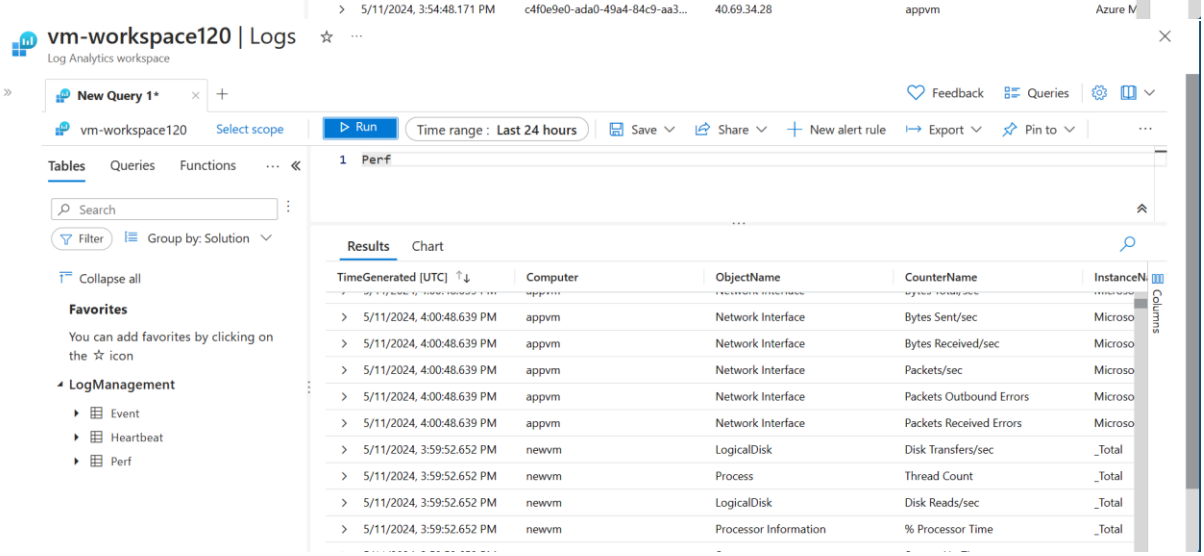


11. So, you have to wait for 10-15 minutes until your data gets to the logs in log analytics workspace.
12. Now after some time if you go to log analytics workspace and then to the logs here you will see the same logs.
13. But if you run them then you will notice that you have the logs for both app VM and new VM.



14. Now check logs for the other tables too.


vm-workspace120 | Logs
Log Analytics workspace
New Query 1*
Feedback
Queries
vm-workspace120
Select scope
Run
Time range : Last 24 hours
Save
Share
New alert rule
Export
Pin to
Tables
Queries
Functions
Search
Filter
Group by: Solution
Collapse all
Favorites
You can add favorites by clicking on the ☆ icon
LogManagement
Event
Heartbeat
Perf
1 Heartbeat
Results
Chart
TimeGenerated [UTC]
SourceComputerId
ComputerIP
Computer
Category
5/11/2024, 4:00:51.849 PM f1258c81-5b9a-43f7-af44-b37b... 52.164.226.120 newvm Azure M
5/11/2024, 4:00:48.259 PM c4f0e9e0-ada0-49a4-84c9-aa3... 40.69.34.28 appvm Azure M
5/11/2024, 3:59:51.849 PM f1258c81-5b9a-43f7-af44-b37b... 52.164.226.120 newvm Azure M
5/11/2024, 3:59:48.241 PM c4f0e9e0-ada0-49a4-84c9-aa3... 40.69.34.28 appvm Azure M
5/11/2024, 3:58:51.842 PM f1258c81-5b9a-43f7-af44-b37b... 52.164.226.120 newvm Azure M
5/11/2024, 3:58:48.223 PM c4f0e9e0-ada0-49a4-84c9-aa3... 40.69.34.28 appvm Azure M
5/11/2024, 3:57:48.205 PM c4f0e9e0-ada0-49a4-84c9-aa3... 40.69.34.28 appvm Azure M
5/11/2024, 3:56:48.197 PM c4f0e9e0-ada0-49a4-84c9-aa3... 40.69.34.28 appvm Azure M
5/11/2024, 3:55:48.179 PM c4f0e9e0-ada0-49a4-84c9-aa3... 40.69.34.28 appvm Azure M
5/11/2024, 3:54:48.171 PM c4f0e9e0-ada0-49a4-84c9-aa3... 40.69.34.28 appvm Azure M
Columns


vm-workspace120 | Logs
Log Analytics workspace
New Query 1*
Feedback
Queries
vm-workspace120
Select scope
Run
Time range : Last 24 hours
Save
Share
New alert rule
Export
Pin to
Tables
Queries
Functions
Search
Filter
Group by: Solution
Collapse all
Favorites
You can add favorites by clicking on the ☆ icon
LogManagement
Event
Heartbeat
Perf
1 Perf
Results
Chart
TimeGenerated [UTC]
Computer
ObjectName
CounterName
5/11/2024, 4:00:48.639 PM appvm Network Interface Bytes Sent/sec
5/11/2024, 4:00:48.639 PM appvm Network Interface Bytes Received/sec
5/11/2024, 4:00:48.639 PM appvm Network Interface Packets/sec
5/11/2024, 4:00:48.639 PM appvm Network Interface Packets Outbound Errors
5/11/2024, 4:00:48.639 PM appvm Network Interface Packets Received Errors
5/11/2024, 3:59:52.652 PM newvm LogicalDisk Disk Transfers/sec _Total
5/11/2024, 3:59:52.652 PM newvm Process Thread Count _Total
5/11/2024, 3:59:52.652 PM newvm LogicalDisk Disk Reads/sec _Total
5/11/2024, 3:59:52.652 PM newvm Processor Information % Processor Time _Total
Columns