

Azure Monitoring

Assignment 1:

1. Create a Linux VM and install Apache2 on it

```
No containers need to be restarted.

No user sessions are running outdated binaries.

No VM guests are running outdated hypervisor (qemu) binaries on this host.
azureuser@lin1:~$ apache2 --version
[Mon Apr 07 06:37:06.854368 2025] [core:warn] [pid 2973] AH00111: Config variable ${APACHE_RUN_DIR} is not defined
```

2. Create Recovery Services vault


Recovery Services vaults

Default Directory

[+](#) Create [≡](#) Manage Deleted Vaults [⚙](#) Manage view [↺](#) Refresh [↓](#) Export to CSV [🔗](#) Open query | [🏷](#) Assign tags

Filter for any field... Subscription equals all Resource group equals all Location equals all Security level equals all

Showing 1 to 1 of 1 records.

<input type="checkbox"/> Name ↑↓	Type ↑↓	Security level ↑↓	Resource group ↑↓
<input type="checkbox"/>  april	Recovery Services vault	Poor	7april

3. Take backup of the VM deployed

[🔄](#) Backup now [↶](#) Restore VM [↶](#) File Recovery [🛑](#) Stop backup [↶](#) Resume backup [🗑](#) Delete backup data [↶](#) Restore to Secondary Region [↶](#) Undelete ...

[🔗](#) Try our new Business Continuity Center for the at scale BCDR management of your resources protected across Azure Backup and Site Recovery. →

Essentials

[JSON View](#)

Recovery services vault : [april](#)

Backup Pre-Check : [✔](#) Passed

Subscription ([move](#)) : [my-subscriptions](#)

Last backup status : [✔](#) Success 01/01/2001, 05:30:00

Subscription ID : 38bd44d5-d91c-4f34-8f1e-c946d6697ae4

Backup policy : [EnhancedPolicy \(Enhanced\)](#)

Alerts (in last 24 hours) : [View alerts](#)

Oldest restore point : 07/04/2025, 12:18:42 (21 minute(s) ago)

Jobs (in last 24 hours) : [View jobs](#)

Included disk(s) : [All disks](#)

Assignment 2:

Azure Monitoring

1. Use the previously connected VMs

lin1 Virtual machine

Search

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Resource visualizer

Connect

Networking

Settings

Availability + scale

Security

lin1 virtual machine agent status is not ready. Troubleshoot the issue →

Help me copy this VM in any region

Connect Start Restart Stop Hibernate Capture Delete Refresh Open in mobile Feedback CLI / PS

Essentials

Resource group (move) : Zapri

Status : Running

Location : Central US

Subscription (move) : my-subscriptions

Subscription ID : 38bd44d5-d91c-4f34-8f1e-c946d6697ae4

Operating system : Linux (ubuntu 24.04)

Size : Standard memory

Public IP address : 104.208.24.248

Virtual network/subnet : lin1-vnet/default

DNS name : Not configured

Health state : -

Time created : 07/04/2025, 08:39 UTC

JSON View

Notifications

More events in the activity log →

Dismiss all

Triggering restore for lin1 Running

Trigger restore in progress.

a few seconds ago

2. Connect Log Analytics to this virtual machine

lin1 | Insights Virtual machine

arch

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

view

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Resource visualizer

Connect

Networking

Settings

Availability + scale

Security

Backup + disaster recovery

Operations

Monitoring

Insights

Alerts

Available Memory 1m granularity

Avg Max 50th 10th 5th Min

100B

80B

60B

40B

20B

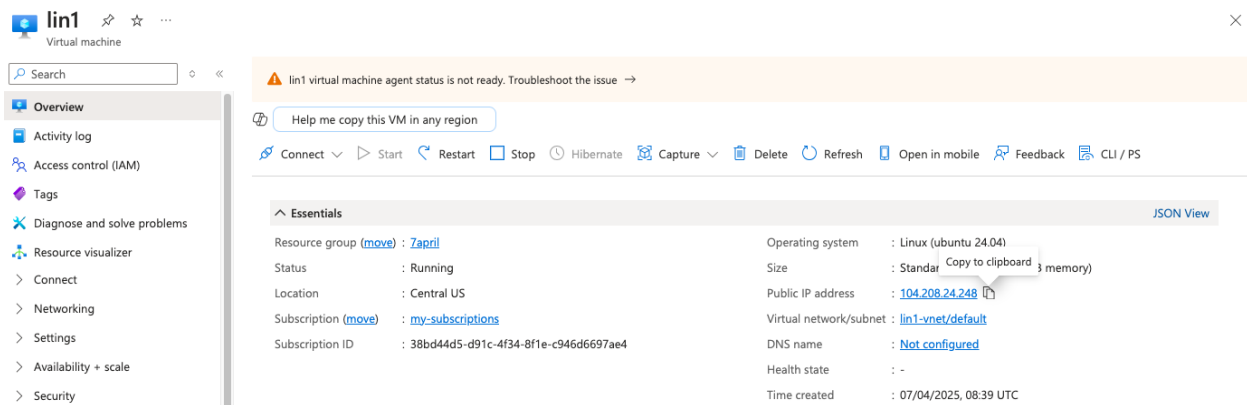
0B

12:15 12:30 12:45 01 PM

Azure Monitoring

Assignment3:

1. Use the previous VM deployment



The screenshot displays the Azure portal interface for a virtual machine named 'lin1'. The left sidebar shows the navigation menu with options like Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Resource visualizer, Connect, Networking, Settings, Availability + scale, and Security. The main content area shows the VM's status as 'Running' and provides various action buttons such as Connect, Start, Restart, Stop, Hibernate, Capture, Delete, Refresh, Open in mobile, Feedback, and CLI / PS. A warning banner at the top indicates that the VM agent status is not ready. The 'Essentials' section lists key properties of the VM, including its resource group, location, subscription, operating system, size, public IP address, and time created.

lin1 Virtual machine

Search

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Resource visualizer

Connect

Networking

Settings

Availability + scale

Security

lin1 virtual machine agent status is not ready. Troubleshoot the issue →

Help me copy this VM in any region

Connect Start Restart Stop Hibernate Capture Delete Refresh Open in mobile Feedback CLI / PS

Essentials JSON View

Resource group (move)	: Zapri	Operating system	: Linux (ubuntu 24.04)
Status	: Running	Size	: Standard memory
Location	: Central US	Public IP address	: 104.208.24.248
Subscription (move)	: my-subscriptions	Virtual network/subnet	: lin1-vnet/default
Subscription ID	: 38bd44d5-d91c-4f34-8f1e-c946d6697ae4	DNS name	: Not configured
		Health state	: -
		Time created	: 07/04/2025, 08:39 UTC

Azure Monitoring

2. Create an alert for the deletion of the above VM

1 of 3,533

Important notice: Azure Monitor alert Dleteing_alert was activated

Inbox x

Microsoft Azure <azure-noreply@microsoft.com> to me

Unsubscribe

14:12 (0 minutes ago)

☆

😊

↩

⋮

Microsoft Azure

Azure Monitor alert 'Dleteing_alert' was activated for 'lin1' at April 7, 2025 8:10 UTC

You're receiving this notification as a member of the Deleting VM action group because an Azure Monitor alert was activated.

Activity log alert	Dleteing_alert
Time	April 7, 2025 8:10 UTC
Category	Administrative
Operation name	Microsoft.Compute/virtualMachines/delete
Correlation ID	47af4ff1-51a9-4e3f-bfd9-b70ee729e721
Level	Informational
Resource ID	/subscriptions/38bd44d5-d91c-4f34-8f1e-c946d6697ae4/resourceGroups/7april/providers/Microsoft.Compute/virtualMachines/lin1