



St. JOSEPH'S
GROUP OF INSTITUTIONS
OMR, CHENNAI - 119

PLACEMENT EMPOWERMENT PROGRAM

Cloud Computing & DevOps centre

Cloud Based Monitoring: Basic monitoring in Azure, Viewing metrics for my Storage Account.

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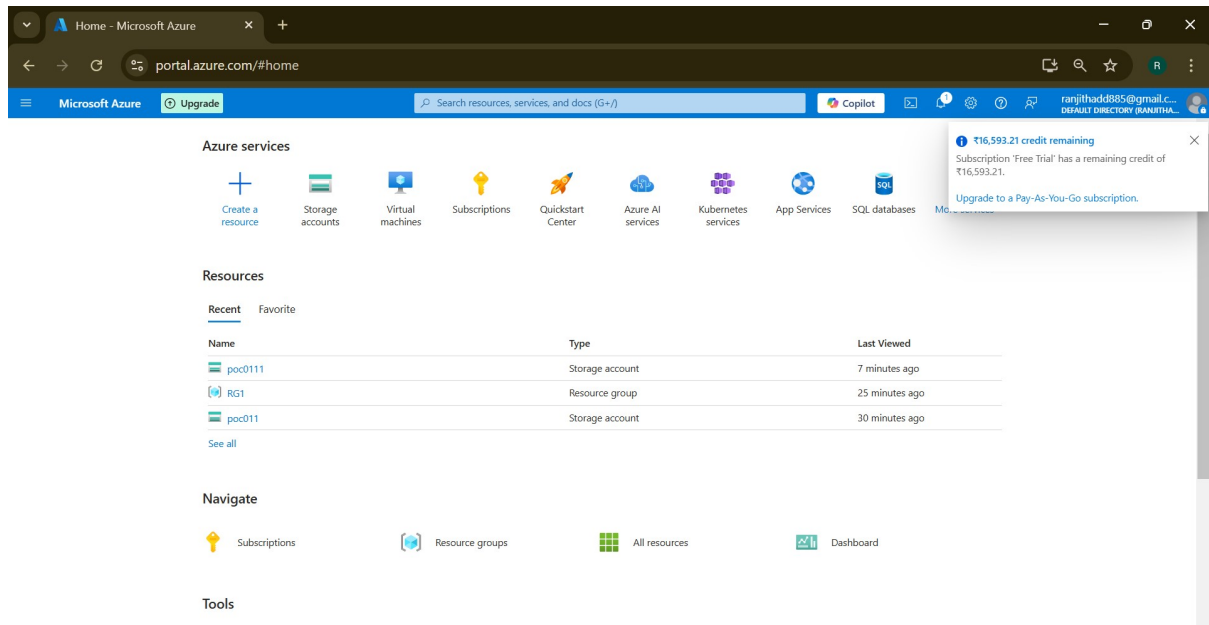
Dept: CSE

INTRODUCTION

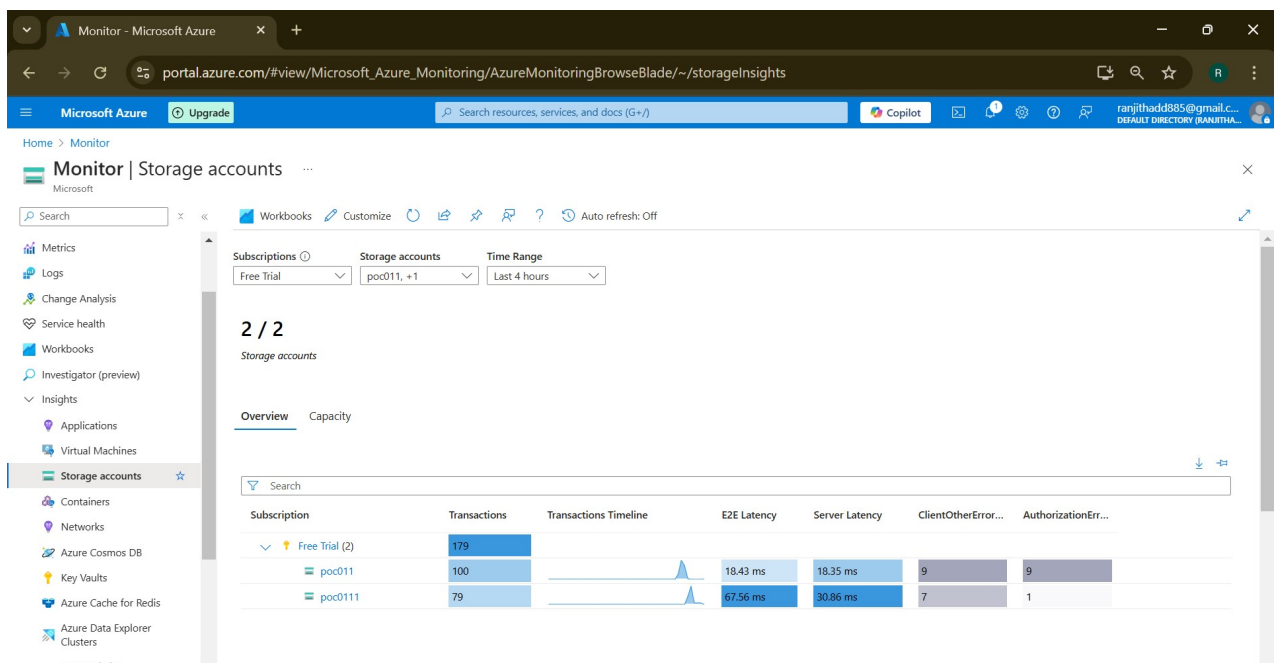
Cloud-Based Monitoring in Azure provides essential insights into the performance and health of storage accounts. By leveraging Azure Monitor, users can track vital metrics such as data ingress/egress, transaction counts, blob capacity, and availability. These metrics help ensure optimal storage performance, troubleshoot issues, and maintain service reliability. With powerful visualization tools and alert configurations, Azure enables proactive resource management, making it easier to meet operational goals while optimizing costs and resource usage.

Step-by-step process:

Step 1: Go to the Azure portal.

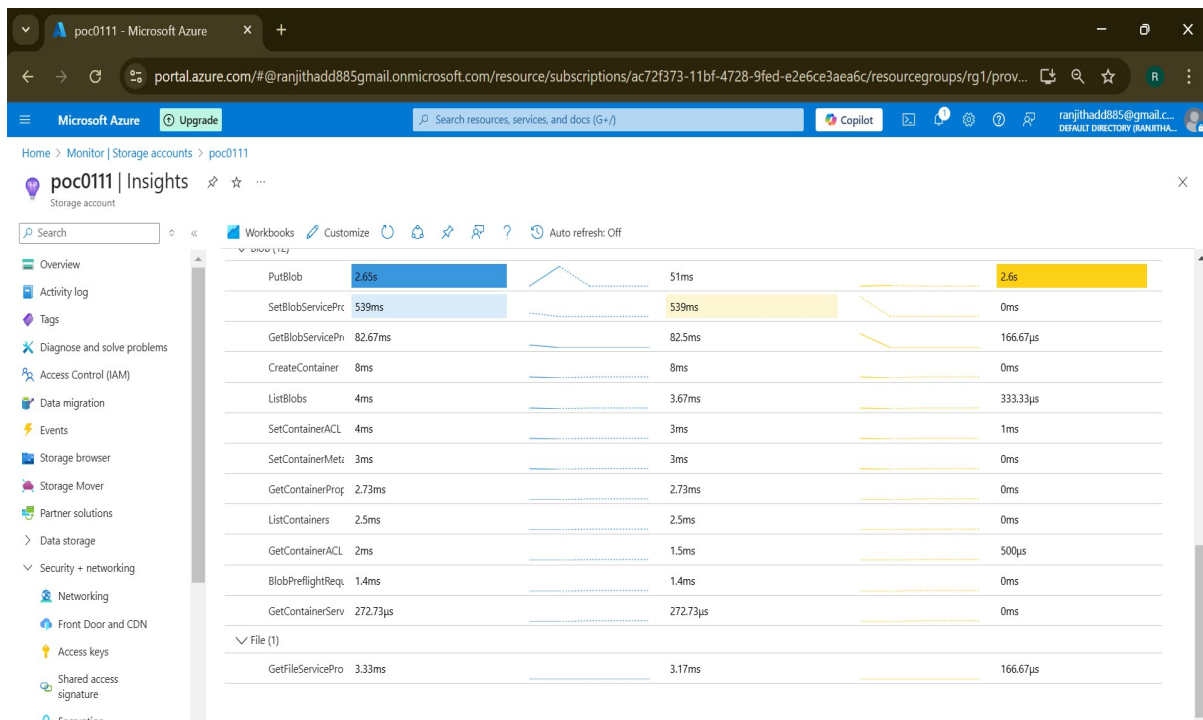
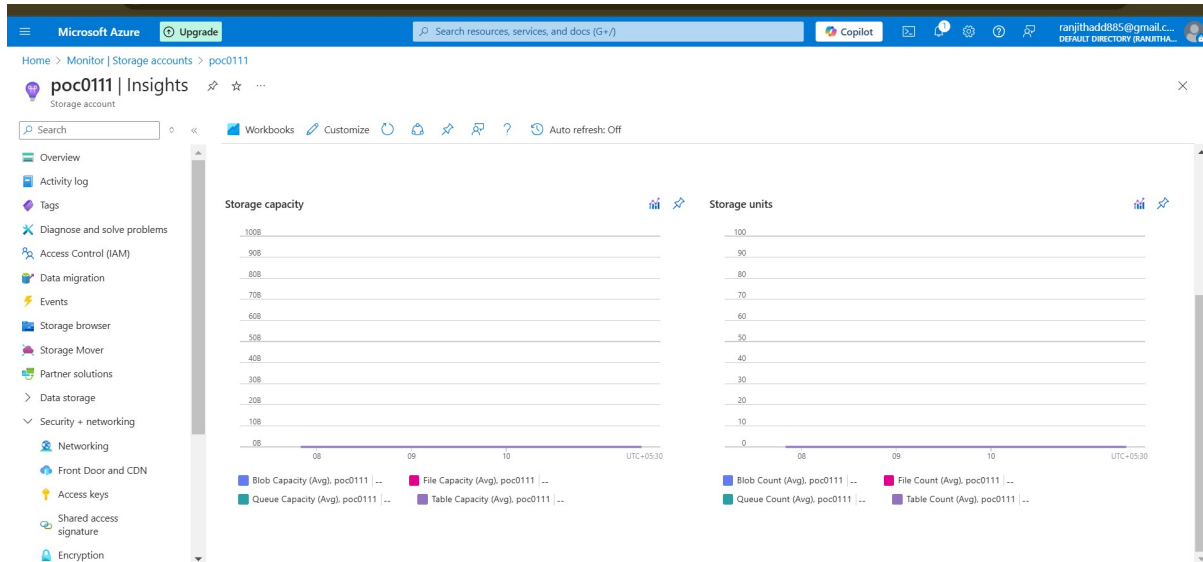


Step 2: Enable Azure Monitor for the Storage account. Monitoring > Insights > Storage Account



Step 3: Now view key metrics (CPU usage and I/O disks)

Insights > Performance



The data comes from Storage metrics. It measures end-to-end latency and server latency of requests on Storage accounts. [Learn more](#)

Success E2E Latency
67.56 ms

Success Server Latency
30.86 ms

➔ Availability

Time Range: Last 4 hours

Overview Failures Performance **Availability** Capacity

The data comes from Storage metrics. It measures the availability of requests on Storage accounts. [Learn more](#)

Account Availability
100 %

Blob Availability
100 %

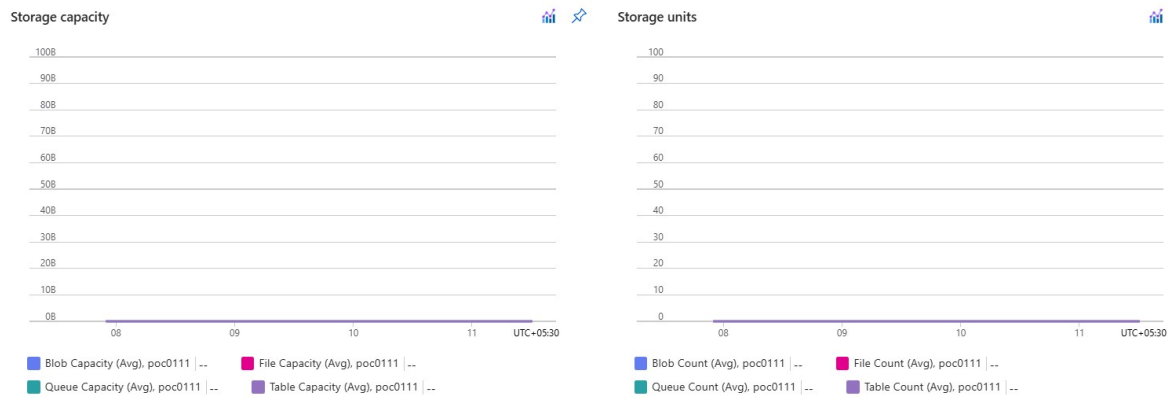
File Availability
100 %

Storage health

Availability state	↑↓	Occurred time	↑↓	Reason chronicity	↑↓	Reported time	↑↓	Summary	↑↓
Unknown									

Resource health details data is not available right now. Pl...

➔ Capacity



Creating an Alert Rule optional:

Microsoft Azure

Upgrade

Search resources, services, and docs (G+)

Copilot

ranjithad885@gmail.com
DEFAULT DIRECTORY: RANJITHA...

Home > Monitor | Alerts >

Create an alert rule ...

Scope

Condition

Actions

Details

Tags

Review + create

Create an alert rule to identify and address issues when important conditions are found in your monitoring data. [Learn more](#)

+ Select scope

Resource

Hierarchy

No resource selected yet

Review + create

Previous

Next: Condition >

Select a resource

Browse

Recent

Resource types

All resource types

Locations

All locations

Search to filter items...

Resource	Resource type	Location
<input type="checkbox"/> Free Trial	Subscription	-
<input type="checkbox"/> > NetworkWatcherRG	Resource group	-
<input checked="" type="checkbox"/> > RG1	Resource group	-

Metric and Log signals might not be available if the scope includes multiple resources.

Refine scope

Resource type

Select a resource type

Location

Select a location

Selected resources

1 scope

> RG1

Resource group

Clear all selections

Apply

Cancel