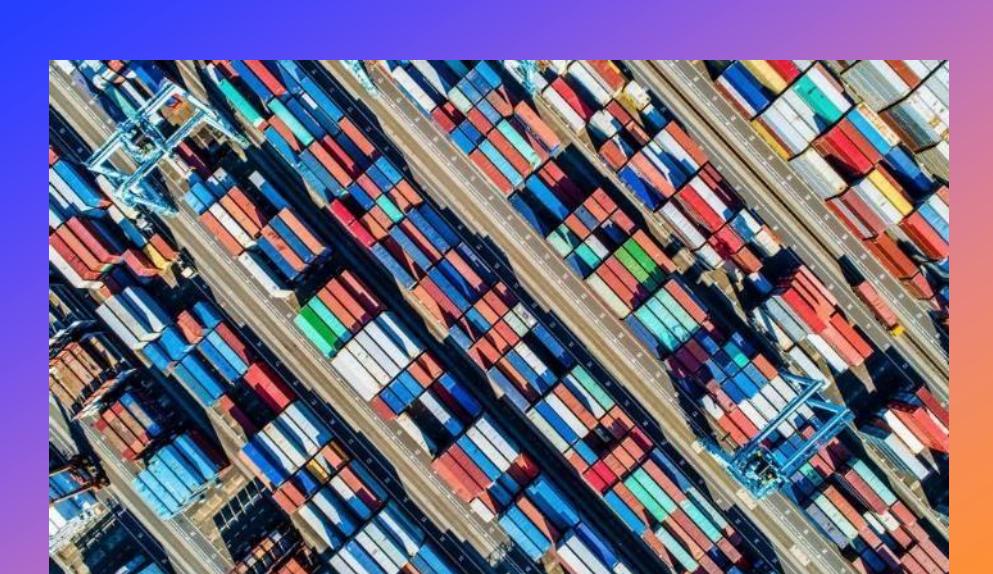# WEEK 13 MONITORING TOOLS Q&A

Taha Yiğit ALKAN

Agenda

- Azure Advisor
- Azure Service Health
- Azure Diagnostics Settings
- Azure Monitor

Question

What is Azure Monitor primarily used for in an Azure environment?

A) Managing user identities and access permissions

B) Automating deployment and configuration of resources

C) Collecting and analyzing performance and operational data

D) Encrypting data at rest and in transit"

Question

Which of the following is a feature of Azure Monitor?

A) Providing virtual networking capabilities

B) Offering database management services

C) Generating alerts based on metrics and log data

D) Deploying virtual machines and web apps

Question

Azure Application Insights is a part of Azure Monitor that helps in monitoring:

   A) The health and performance of network infrastructure

   B) The performance and usage of web applications

   C) Database performance and query optimization

   D) Security posture and compliance of Azure resources

Question

What can Azure Service Health be used for?

A) To automate responses to Azure service issues

B) To monitor the status of Azure services and provide personalized alerts

C) To manage virtual machine backups and site recovery

D) To configure and manage virtual networks

Azure Advisor

- Provides relevant best practices to help you improve reliability, security, and performance, achieve operational excellence, and reduce costs.

https://learn.microsoft.com/en-us/azure/advisor/advisor-overview

Azure Advisor

COST RECOMMENDATIONS

PERFORMANCE RECOMMENDATIONS

SECURITY RECOMMENDATIONS

HIGH AVAILABILITY RECOMMENDATIONS

OPERATIONAL EXCELLENCE RECOMMENDATIONS

Azure Service Health

Helps you stay informed about the health and availability of Azure services in the <u>regions</u> where you have resources deployed.

Provides real-time information about service incidents, planned maintenance, and other events that may impact the availability of your resources.

Azure Service Health

INCIDENT NOTIFICATIONS

PLANNED MAINTENANCE NOTIFICATIONS

RESOURCE HEALTH

CUSTOMIZABLE ALERTS

HISTORY AND DETAILS

Azure Diagnostic Settings

- Allows you to configure and route diagnostic data from your Azure resources to various destinations, such as Azure Monitor logs, Azure Storage, or Event Hubs.

- Enables you to collect, analyze, and act upon telemetry and diagnostic data generated by your Azure resources, helping you monitor and troubleshoot your applications and services effectively.

Azure Diagnostic Settings

- Data Types

- Destination Options:
  - Azure Monitor Logs (formerly known as Log Analytics):
  - Azure Storage
  - Event Hubs

- Configurable Settings

- Retention Policies

- Variety of Azure resources supported

CSE 415 FUNDAMENTALS OF CLOUD COMPUTING

Azure Monitor

Helps you collect, analyze, and act on telemetry data from your cloud and on-premises environments.

Provides a unified platform for monitoring the performance, health, and operation of your applications and infrastructure

Azure Monitor

📊	Metrics
🔒	Logs
💡	Application Insights
☁	Azure Monitor for VMs
🗄	Azure Monitor for Containers
⚠	Azure Monitor Alerts
✓	Azure Monitor Workbooks

THANK YOU

Taha Yiğit ALKAN

yigitalkan@akdeniz.edu.tr