

Exam Session - Knowledge Check: AZ-900 Overview of Azure Services (2 of 2)

 cloudacademy.com/quiz/exam/3758919/results

#1

Which type of information does the Microsoft Defender for Cloud resource hygiene dashboard display?



The resource hygiene dashboard displays how compliant resource configurations are with account policies.



The resource hygiene dashboard displays how secure resources are based on Azure security best practices.



The resource hygiene dashboard displays actual resources' performance trends compared to related Azure service license agreements.



The resource hygiene dashboard displays resource metric data compared to defined thresholds that would trigger performance monitoring alerts.

Explanation

Microsoft Defender for Cloud's Resource security hygiene dashboard provides an assessment of how secure your Azure resources are. You can click on it to see a list of recommendations to improve the security of your compute, storage, networking, and identity resources. It also gives you an Overall Secure Score to give you an idea of how secure all of your resources are. Each recommendation shows you how much your secure score would be improved if you were to implement the recommendation.

 [/course/overview-of-azure-services/managing-azure-services/](#)

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#2

Which Azure service automatically examines all of your Azure resources and identifies ways to optimize them?



Azure Resource Health



Azure Advisor



Azure Activity Log



Azure Status

Explanation

Azure Advisor, as the name implies, is a personalized cloud consultant. It automatically examines all of your Azure resources and identifies ways to optimize them.



[/course/designing-for-azure-operations/designing-for-azure-operations-section2-2-monitoringplatform-resources/](#)

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Monitoring Platform Resources

Course: Designing for Azure Operations

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#3

What is Azure Monitor?



a serverless compute service that has been designed to allow you to run your application code without having to manage and provision your own virtual machines



a distributed tracing system that allows you to analyze and debug microservice applications



a service that is used to monitor the operation and performance of an Azure environment



Azure's highly available and scalable domain name system

Explanation

Azure Monitor is your one-stop shop for keeping track of what's happening with your Azure resources. It's a collection of a variety of monitoring tools.

The core features of Azure Monitor are metrics and alerts. Metrics are basically statistics on various aspects of your resources, such as CPU usage on virtual machines and space used on Blob Storage. Azure Monitor creates graphs showing how these metrics have changed over time. It can also watch critical metrics you specify and send you an alert if there's a problem.

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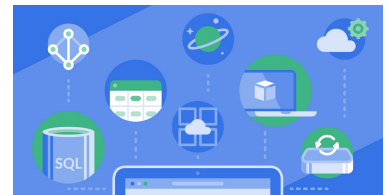
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#4



Which Azure service is a dashboard that gathers security information from resources across your subscriptions and assesses your vulnerabilities?



Microsoft Defender for Cloud



Azure Service Health



Azure Monitor



Azure Backup

Explanation

Microsoft Defender for Cloud is a unified infrastructure security management system that strengthens the security posture of your data centers, and provides advanced threat protection across your hybrid workloads in the cloud - whether they're in Azure or not - as well as on premises.

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#5



Which Azure service automates the deployment of complete Azure environments, including policies and permissions?



Azure Blueprints



Azure Advisor



Azure Policy



Azure Migrate

Explanation

Azure Blueprints automates the deployment of entire Azure environments. A blueprint is a collection of Azure Resource Manager templates plus a few other details, such as policies and user permissions. When a blueprint is assigned to a subscription, it not only automates the creation of an environment, but it also keeps a record of the deployment. This makes it a critical governance tool because it enables the tracking and auditing of deployments.

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#6



The compliance dashboard for Microsoft Defender for Cloud is connected with which of the following services to allow you to create compliance requirements for accounts and resources within your Azure account?



Azure Policy



Azure Advisor



Azure Monitor



Azure Service Health

Explanation

First, it shows you how compliant your Azure subscriptions are. This is based on policies that you create in a service called, naturally, Azure Policy. For example, if someone in your organization creates a subscription that doesn't have your regulatory policy controls assigned to it, then it will show up in this compliance panel.

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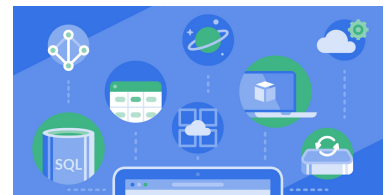
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#7



Azure _____ is a monitoring and performance analysis tool for apps.



Databricks



Application Insights



Visual Studio



App Service

Explanation

This last part of QnA Maker setup is to enable Application Insights, which is a performance analysis tool for apps.

 [/course/building-a-chatbot-on-azure/qna-maker/](#)

#8

Which Microsoft Defender for Cloud dashboard shows an account's actual security alerts, which can then be clicked on more detailed information?



The Threat Protection dashboard



The Resource Hygiene dashboard



The Policy and Compliance



The Overall Secure Score

Explanation

First, it shows you how compliant your Azure subscriptions are. This is based on policies that you create in a service called, naturally, Azure Policy. For example, if someone in your organization creates a subscription that doesn't have your regulatory policy controls assigned to it, then it will show up in this compliance panel.

Then it shows you your resource security hygiene, which is an assessment of how secure your Azure resources are. You can click on it to see a list of recommendations to improve the security of your compute, storage, networking, and identity resources. It also gives you an

Overall Secure Score to give you an idea of how secure all of your resources are. Each recommendation shows you how much your secure score would be improved if you were to implement the recommendation.

Finally, the Threat Protection panel shows you how many security alerts you have. These are potential threats that were detected by Azure Advanced Threat Protection. You can click on it to see the actual alerts so you can address them.

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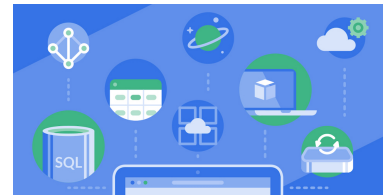
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#9



Which Azure management service informs you about problems with the Azure platform itself and upcoming maintenance events?



Azure Monitor



Azure Application Insights



Azure Service Health



Azure Advisor

Explanation

Microsoft also provides a dashboard called Service Health where you can find out about problems with the Azure platform itself as well as upcoming maintenance events. You can even create alerts so you'll be notified of both planned and unplanned outages.

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