

DevOps based on MS stack (Part 1) - Final Test

Infopulse Training Center

DevOps based on Microsoft stack - Part 1: Azure services development (trainer Vadym Popov).

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35 запитань на 40 хвилин. Час виконання фіксується за часом надсилання заповненого тесту.

Електронна адреса (обов'язкове поле) – введіть, будь ласка, корпоративну (Infopulse).

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 Черновик не сохранен.

* Обязательно

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Which of the following classes of the Azure Storage client library for .NET allows you to manipulate both Azure Storage containers and their blobs?

1 балл

- ☐ BlobClient
- ☒ BlobContainerClient
- ☐ BlobUriBuilder

Отменить выбор



Which of the following metric collection types below provides near real-time querying and alerting on dimensions of metrics, and more responsive dashboards? 1 балл

- ☐ Azure Service Bus
- ☒ Pre-aggregated
- ☐ Log-based

Отменить выбор

An organization wants to implement a serverless workflow to solve a business problem. One of the requirements is the solution needs to use a designer-first (declarative) development model. Which of the choices below meets the requirements? 1 балл

- ☒ Azure Logic Apps
- ☐ WebJobs
- ☐ Azure Functions

Отменить выбор

Each Azure subscription has default limits on resources needed for an Azure Content Delivery Network. Which of the following resources has subscription limitations that may impact your solution? 1 балл

- ☐ Resource group
- ☐ Storage account
- ☒ CDN profiles

Отменить выбор



Azure Key Vault protects data when it is traveling between Azure Key Vault and clients. What protocol does it use for encryption?

1 балл

- ☒ Transport Layer Security
- ☐ Secure Sockets Layer
- ☐ Presentation Layer

Отменить выбор

When setting up Azure Cosmos DB there are three account type options. Which of the account type options below is used to specify the number of RUs for an application on a per-second basis?

1 балл

- ☒ Provisioned throughput
- ☐ Serverless
- ☐ Autoscale

Отменить выбор

Which of the following storage account types supports lifecycle policies?

1 балл

- ☐ General Purpose v1
- ☒ General Purpose v2
- ☐ FileStorage

Отменить выбор

Which of the following API Management policies would one use if one wants to apply a policy based on a condition?

1 балл

- ☒ Choose
- ☐ return-response
- ☐ forward-request

Отменить выбор



Which of the below represents a logical grouping of VMs that allows Azure to understand how your application is built to provide for redundancy and availability? 1 балл

- ☒ Availability set
- ☐ Availability zone
- ☐ Load balancer

Отменить выбор

Which of the following App Service plans supports only function apps? 1 балл

- ☒ Consumption
- ☐ Dedicated
- ☐ Isolated

Отменить выбор

Which of the following Azure virtual machine types is most appropriate for testing and development? 1 балл

- ☐ Compute optimized
- ☐ Storage optimized
- ☒ General Purpose

Отменить выбор

Which of the following types of storage accounts is recommended for most scenarios using Azure Storage? 1 балл

- ☐ General-purpose v1
- ☐ FileStorage
- ☒ General-purpose v2

Отменить выбор



Which of the methods below is recommended when deploying a multi-container group that includes only containers?

1 балл

- ☐ az container create command
- ☐ Azure Resource Management template
- ☒ YAMLfile

Отменить выбор

What purpose does the **outputs** section of an Azure Resource Manager template serve?

1 балл

- ☐ Specify the resources to deploy.
- ☐ Define values that are reused in your templates.
- ☒ Return values from the deployed resources

Отменить выбор

In which of the app configuration settings categories below would you set the language and SDK version?

1 балл

- ☒ General settings
- ☐ Application settings
- ☐ Path mappings

Отменить выбор

Which of the following Event Grid built-in roles is appropriate for managing Event Grid resources?

1 балл

- ☐ Event Grid Data Sender
- ☐ Event Grid Subscription Contributor
- ☒ Event Grid Contributor

Отменить выбор



Which of the following components of the API Management service would a developer use if they need to create an account and subscribe to get API keys? 1 балл

- ☐ API gateway
- ☒ Developer portal
- ☐ Azure portal

Отменить выбор

Which of the Azure Cache for Redis service tiers is the lowest tier recommended for use in production scenarios? 1 балл

- ☐ Basic
- ☒ Standard
- ☐ Premium

Отменить выбор

Which of the following advanced features of Azure Service Bus creates a first-in, first-out (FIFO) guarantee? 1 балл

- ☐ Transactions
- ☒ Message sessions
- ☐ Scheduled delivery

Отменить выбор



Which of the following durable function types is used to read and update small pieces of state?

1 балл

- ☐ Orchestrator
- ☐ Activity
- ☒ Entity

Отменить выбор

There are multiple rules in an autoscale profile. Which of the following scale operations will run if any of the rule conditions are met?

1 балл

- ☐ scale-out/in
- ☒ scale-out
- ☐ scale-in

Отменить выбор

Which of the following best practices provides the most flexible and secure way to use a service or account shared access signature (SAS)?

1 балл

- ☐ Implement a user delegation SAS
- ☐ Always use HTTPS
- ☒ Associate SAS tokens with a stored access policy.

Отменить выбор



In Azure Service Bus messages are durably stored which enables a load-leveling benefit. Which of the below correctly describes the load-leveling benefit relative to a consuming application's performance?

1 балл

- ☒ Performance needs to handle average load
- ☐ Performance needs to handle peak load
- ☐ Performance needs to handle low loads

Отменить выбор

Which of the following is required for a function to run?

1 балл

- ☐ Both triggers and bindings
- ☐ Binding
- ☒ Trigger

Отменить выбор

Which of the types of permissions supported by the Microsoft identity platform is used by apps that have a signed-in user present?

1 балл

- ☒ Delegated permissions
- ☐ Application permissions
- ☐ Both delegated and application permissions

Отменить выбор

Which of the following availability tests is recommended for authentication tests?

1 балл

- ☒ Custom TrackAvailability
- ☐ URL ping
- ☐ Standard

Отменить выбор



Which access tier is considered to be offline and can't be read or modified? 1 балл

- ☐ Hot
- ☒ Archive
- ☐ Cool

Отменить выбор

Which of the below methods of authenticating to Azure Key Vault is recommended for most scenarios? 1 балл

- ☐ Service principal and secret
- ☒ Managed identities
- ☐ Service principal and certificate

Отменить выбор

Which of these scenarios is a suitable candidate for autoscaling? 1 балл

- ☐ The system is subject to a sudden influx of requests that grinds your system to a halt.
- ☐ Your organization is running a promotion and expects to see increased traffic to their web site for the next couple of weeks.
- ☒ The number of users requiring access to an application varies according to a regular schedule. For example, more users use the system on a Friday than other days of the week.

Отменить выбор



Which of the following would one use to validate properties of an item being created? 1 балл

- ☒ Pre-trigger
- ☐ User-defined function
- ☐ Post-trigger

Отменить выбор

A client app requests managed identities for an access token for a given resource. Which of the below is the basis for the token? 1 балл

- ☐ Oauth 2.0
- ☒ Service principal
- ☐ Virtual machine

Отменить выбор

Which of the following Azure Functions hosting plans is best when predictive scaling and costs are required? 1 балл

- ☐ Consumption plan
- ☒ App service plan
- ☐ Functions Premium Plan

Отменить выбор

Which of the options below best describes the relationship between logical and physical partitions? 1 балл

- ☐ There is no relationship between physical and logical partitions.
- ☒ Physical partitions are collections of logical partition.
- ☐ Logical partitions are collections of physical partitions.

Отменить выбор



Which of the following event schema properties requires a value?

1 балл

- ☐ Data
- ☒ Subject
- ☐ Topic

Отменить выбор

Which of the following consistency levels below offers the greatest throughput?

1 балл

- ☐ Session
- ☒ Eventual
- ☐ Strong

Отменить выбор

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