AZURE CLOUD (ENGLISH)

3. forduló

MSCI

A kategória támogatója: MSCI

Ismertető a feladatlaphoz

Kérjük, hogy a feladatlap indítása előtt mindenképp olvasd el az alábbi útmutatót:

> Amennyiben olyan kategóriában játszol, ahol van csatolmány, de hibába ütközöl a letöltésnél, ott valószínűleg a vírusirtó korlátoz, annak ideiglenes kikapcsolása megoldhatja a problémát. (Körülbelül minden 3000. letöltésnél fordul ez elő.)

> Helyezéseket a 4. forduló után mutatunk, százalékos formában: adott kategóriában a TOP 20-40-60%-hoz tartozol.
>
> A feltűnően rövid idő alatt megoldott feladatlapok kizárást vonnak maguk után, bármilyen más gyanús esetben fenntartjuk a jogot a forduló érvénytelenítésére!

This round contains Azure data related questions (Azure Storage Account, Azure SQL, Azure Cosmos DB, Azure Data Factory)

Good luck!

1. feladat 1 pont

You need to recommend an Azure storage redundancy option based on the following requirements.
Data must be stored on multiple nodes.
Data must be stored on nodes in separate geographic locations.
Data can be read from the secondary location as well as from the primary location.
Which of the following Azure storage redundancy option would you recommend?

Válasz

- ( ) Geo-redundant storage
- ( ) Read-only geo-redundant storage
- ( ) Zone-redundant storage
- ( ) Locally-redundant storage

2. feladat 2 pont

Your task is to deploy multiple Azure SQL instances using an ARM template which is based on an existing Azure SQL instance.
You need to reference an administrative password which cannot be stored in plain text.
Which of the following should you create as a prerequisite of the deployment to achieve your goal?

Válaszok

- [ ] Azure storage account
- [ ] Access policy
- [ ] Backup policy
- [ ] Azure policy
- [ ] Azure Key Vault

3. feladat 3 pont

You have an Azure Cosmos DB for NoSQL account. What is the result of the SQL query below executed on a container within the account?
SELECT
IS_NUMBER("1234") AS A,

IS_NUMBER(1234) AS B,
IS_NUMBER({prop: 1234}) AS C

Válasz

- [ ] [{“A”: false, “B”: true, “C”: true}]
- [ ] [{“A”: false, “B”: true, “C”: false}]
- [ ] [{“A”: true, “B”: false, “C”: true}]
- [ ] {“A”: true, “B”: true, “C”: false}
- [ ] {“A”: true, “B”: true, “C”: true}
- [ ] [{“A”: false, “B”: false, “C”: false}]
- [ ] Error with the message "Failed to query item for container ... "

4. feladat 4 pont

You need to set up an Azure Data Factory pipeline that loads data into an Azure SQL Database. You have to manage authentication, rate limiting, and potential errors during the data retrieval. The source data come from a REST API. What are the relevant tasks you will do?

Válaszok

- [ ] Use REST-linked Service to set up authentication
- [ ] Use REST-linked Service to set up rate-limiting settings
- [ ] Apply Apply rate-limiting settings in the configuration file
- [ ] Configure a Retry Policy To handle errors or timeouts
- [ ] Use Azure Monitor to handle errors
- [ ] Use HTTP authorization headers to set up authentication and authorization
- [ ] Create a storage account to dump the errors during the process
- [ ] Create a SQL Server job
- [ ] Use Azure Functions to address any issues during the process

Megoldások beküldése