

Szkolenie: Microsoft
AZ-300T03 Understanding Cloud Architect Technology Solutions

FORMA SZKOLENIA	MATERIAŁY SZKOLENIOWE	CENA	CZAS TRWANIA
Stacjonarne	Cyfrowe	1200 PLN NETTO*	1 dzień
Stacjonarne	Tablet CTAB	1800 PLN NETTO*	1 dzień

* (+VAT zgodnie z obowiązującą stawką w dniu wystawienia faktury)

DOSTĘPNE TERMINY

2019-06-26 | 1 dzień | Kraków

Cel szkolenia:

This course teaches IT professionals how operations are done in parallel and asynchronously. And, how your whole enterprise system must be resilient when failures occur, and just as importantly, how deployments can be automated and predictable. By using the Azure Application Architecture Guide and Azure reference architectures as a basis, you will understand how monitoring and telemetry are critical for gaining insight into the system.

You will dive into the cloud design patterns that are important, such as partitioning workloads where a modular application is divided into functional units that can be integrated into a larger application. In such cases, each module handles a portion of the application's overall functionality and represents a set of related concerns.

Also, load balancing where the application traffic, or load, is distributed among various endpoints by using algorithms. Load balancers allow multiple instances of your website to be created so they can behave in a predictable manner. In Azure, it is possible to use virtual load balancers, which are hosted in virtual machines, if a company requires a very specific load balancer configuration.

Also, transient fault handling which helps define the primary differences between developing applications on-premises and in the to handle transient errors. Transient errors are errors that occur due to temporary interruptions in the service or to excess latency.

Lastly, a discussion of hybrid networking that provides an overview of site-to-site connectivity, point-to-site connectivity, and the combination of the two.

Audience profile:

- Successful Azure Solutions Architects start this role with experience on operating systems, virtualization, cloud infrastructure, storage structures, billing, and networking.

After completing this course, students will be able to:

- Design and Connectivity Patterns
- Hybrid Networking
- Address Durability of Data and Caching
- Measure Throughput and Structure of Data Access

Plan szkolenia:

- Selecting Compute and Storage Solutions
 - Azure Architecture Center
 - Cloud design patterns
 - Competing consumers pattern
 - Cache-aside pattern As well as sharding patterns to divide a data store into horizontal partitions, or shards. Each shard has the same schema but holds its own distinct subset of the data.
 - After completing this module, students will be able to design and Connectivity Patterns
- Hybrid Networking
 - Site-to-site connectivity
 - Point-to-site connectivity
 - Combining site-to-site and point-to-site connectivity
 - Virtual network-to-virtual network connectivity. As well as connecting across cloud providers for failover, backup, or even migration between providers such as AWS.
 - After completing this module, students will be able to Hybrid Networking
- Measuring Throughput and Structure of Data Access
 - DTUs – Azure SQL Database
 - RUs – Azure Cosmos DB
 - Structured and unstructured data
 - Using structured data stores
 - After completing this module, students will be able to address Durability of Data and Caching Measure Throughput and Structure of Data Access

Poziom trudności



Certyfikaty:

Uczestnicy otrzymują **certyfikat** ukończenia autoryzowanego kursu **Microsoft**.

Prowadzący:

Microsoft Certified Trainer.

Informacje dodatkowe:

Zajęcia prowadzone są w języku polskim, materiały źródłowe oraz oprogramowanie są w języku angielskim.