Micro Services Quiz

What unique feature does virtualization provide as a hosting option?

- Quick setup times
- Quick load times
- Snapshots
- Containers
- Nested Virtualization

Snapshots

What type should the initial high-level design be for a greenfield microservices system?

- Minature
- Observable
- Autonomous
- Monolithic
- Micro

Monolithic

What Micro Service design principle dictates that a service should have a single focus?

- Automation
- Observable
- High Cohesion
- Resilience

High Cohesion

What Microservices design principle dictates that a service have centralized logging?

- High Cohesion

- Resilience

- Automation

- Observable

Observable

What microservice design principle dictates that tools should be used for quick deployment?

- Observable
- Automation
- Autonomous
- Resilience

Automation

To ensure microservices are loosely coupled, we should avoid the use of...

- Web-API
- Continous Integration
- Client Libraries
- Asynchronous Communication

Client Libraries

To make Micro Services architecture more resilient, you should design the service to cater to ...

- Synchronous communication
- Config files
- Software viruses
- Known failures and connection timeouts
- shared databases

Known failures and connection timeouts

To make distributed transactions easier to trace, Micro Services should log what extra piece of information?

- Correlation ID
- Senders address
- Receipients address
- Entity ID
- Foreign key ID

Correlation ID

Asynchronous communication can be implemented using a...

- Integration protocol

- Message queueing protocol

- RPC protocol

- Synchronous communication protocol

- Testing protocol

Message queueing protocol

API Gateway can be used for…

- Deployment
- Continuous Integration
- Shared databases
- Load balancing
- Hosting

Load balancing

Which of these can be converted to Micro Services?

- Events
- Bounded Contexts
- Delegates
- classes
- Methods

Bounded Contexts

Traditional software architecture with a large code base is known as a …?

- Continous integration system
- Commandline type system
- Monolithic type System
- Microservices type System

Monolithic type System

What has to be identified at code level in order to ready your codebase for a microservices architecture?

- Bottlenecks
- Seams
- Deadlocks
- Defects
- Projects

Seams

THANK YOU