

1. What does the yaml configuration property in a eureka Service, eureka.instance.leaseExpirationDurationInSeconds define? 1 / 1 point

- ☐ Eureka is to advertise the IP addresses of services rather than their hostnames.
- ☒ Removes, a service from the Eureka Registry after the Eureka Service has not received 3 consecutive missing heartbeats of the desired number of seconds.
- ☐ The period between heart beats from registered services to the Eureka instance to inform Eureka that the service is still available.
- ☐ The host name of the Eureka Service.

☒ **Correct**  
Correct; After not receiving 3 consecutive heart beats from a service, the service instance is removed from the registry after the designated period of seconds.

2. Which annotation enables you to register a service with a running Eureka Service? 1 / 1 point

- ☒ @EnableDiscoveryClient
- ☐ @EnableZuulProxy
- ☐ @RibbonClient
- ☐ @EnableEurekaServer

☒ **Correct**  
Correct; this registers the service with the running eureka instance as defined in the yaml configuration.

3. Which annotation enables you to launch a running Eureka Service, ready to accept registration? 1 / 1 point

- ☐ @EnableZuulProxy
- ☒ @EnableEurekaServer
- ☐ @EnableDiscoveryClient
- ☐ @RibbonClient

☒ **Correct**  
Correct; This is used for launching a Eureka Service.

4. Which if the following is not an independent objective of a Microservice architecture? 1 / 1 point

- ☒ A monolithic executable component.
- ☐ Replaceable
- ☐ Scalable
- ☐ Deployable

☒ **Correct**  
Correct; monolithic architectures do not benefit from independent deployments of certain functionalities at different rates (scalability) as its all just one component.

5. Spring Cloud Netflix provides Netflix OSS integrations for Spring Boot apps through auto configuration for binding to the Spring Environment. What org.springframework.cloud artifact enables this to happen?

1 / 1 point

- ☐ spring-cloud-starter-hystrix
- ☐ spring-cloud-starter-feign
- ☒ spring-cloud-starter-eureka-server
- ☐ spring-cloud-starter-ribbon

✓ **Correct**  
Correct

6. Netflix OSS is a platform that provides: (Select all that apply)

1 / 1 point

☒ Service registration removal.

✓ **Correct**  
Correct; Eureka provides this functionality.

☐ Skeletal projects.

☒ Service to service communication through Load Balanced Service Discovery.

✓ **Correct**  
Correct; Ribbon provides this functionality.

☒ Service Registration

✓ **Correct**  
Correct; Eureka provides this service.

7. What does a service use to look up another service from its local registry?

1 / 1 point

- ☐ The service port
- ☐ The service IP Address
- ☒ The service id
- ☐ The service DNS entry

✓ **Correct**  
Correct; the service id or name is used to identify one or many instances of a service.



8. What is a DNS record?

1 / 1 point

- ☐ Microservice architectures.
- ☐ A Circuit Breaker pattern.
- ☐ A host or network identifier.
- ☒ A readable means of identifying an IP address.

✓ **Correct**

Correct; maps a human-friendly URLs to IP addresses.

9. What is an IP Address?

1 / 1 point

- ☐ A readable means of identifying an IP address.
- ☐ A Circuit Breaker pattern.
- ☐ Microservice architectures.
- ☒ A host or network identifier.

✓ **Correct**

Correct; This is the IP Address, a numerical label such as 172.16s254.1 that is connected to a computer network that uses the Internet Protocol for communication.

10. Why can a Microservice approach to developing applications be more attractive that a Monolithic means of development? (Select two)

1 / 1 point

- ☒ Functionality that attracts more traffic can be scaled at different rates.

✓ **Correct**

Correct; services can be scaled at different rates.

- ☒ Maximize availability through service scaling.

✓ **Correct**

Correct; more services behind a load balancer means more throughput.

- ☐ Change derives full re deployment of the entire application.
- ☐ Entire apps can be deployed through replication.