

1

Which reintroduction availability tactic allows the system to recover from faults while minimizing the level of service affected?



A

Nonstop forwarding.

B

State resynchronization.

C

Shadow.



Escalating restart.

2

Consider the tactic of retry of the availability architectural quality. Which of the following sentences is true?



It is useful to support scenarios where the stimulus is an omission.

B

It guarantees that the system will not become unavailable.

C

It can be applied to any kind of availability scenario.

D

It reduces the availability scenario response time because the request occurs twice.

3

Which availability detection tactic is most adequate to deal with the dynamic scalability of a cluster of servers, like the crash and restart of servers?



A

Exception detection.



Heartbeat.

C

Ping/echo.

D

Sanity checking.

4

There are several tactics to satisfy availability requirements, which may be applied depending on the concrete requirement that we want to satisfy. Assuming that you want to detect faults of type *incorrect response* in your system, which tactic is more adequate?



A

Heartbeat



Voting

C

Removal from Service

D

Ping/Echo

5

There are several tactics to satisfy availability requirements, which may be applied depending on the concrete requirement that we want to satisfy. Assuming that you want to deal with faults of type *omission* in your system, which tactic is more adequate?

A

Ignore faulty behaviour.

B

Ping/Echo.



Retry.

D

Spare.