

# FAILOVER TESTING

## What is Failover Testing?

Failover testing is a testing technique that validates a system's ability to be able to allocate extra resource and to move operations to back-up systems during the server failure due to one or the other reasons. This determines if a system is capable of handling extra resource such as additional CPU or servers during critical failures or at the point the system reaches a performance threshold.

## Example:

Failover testing is very much critical for the following types of applications:

- Banking Application
- Financial Application
- Telecom Application
- Trading Platforms

## Factors to be Considered:

The Following factors need to be considered before considering failover testing:

- The cost to the company due to outages
- The cost of protecting the systems, which are likely to break down
- The likelihood or probability of such disaster
- The potential outage period/downtime due to disaster