Infrastructure Automation Test Framework

Disaster & Recovery Testing

Test ID	Scenario	Verification	Expected
dataCenterFailure	Simulate a data center failure	Verify failover to secondary data center	No impact to Application availability and performance
serverFailure	Simulate server failure	Verify failover to redundant server	Same as above
storageSystemFailure	Simulate storage system failure	Verify data recovery from backups.	No Data Loss
networkOutage	Simulate network outage	Verify failover to redundant network path	No impact to Application availability and performance
databaseCorrupt	Simulate database corruption	Verify database recovery from backups.	No Data Loss
siteWideDisaster	Simulate site-wide disaster	Verify failover to secondary site	No impact to Application availability and performance
cloudOutage	Simulate cloud outage	Verify failover to redundant cloud provider.	Same as above
vmFailure	Simulate VM failure	Verify failover to redundant VM.	Same as above
applicationFailure	Simulate application failure	Verify failover to redundant application instance.	Same as above