General Design Principal by AWS

1) Stop guessing your capacity needs
eg-In cloud computing we use as little as possible or based on demand

2) Test systems at production scale

3)Automate to make architectural experimentation easiser

4) Allow for evolutionary architectures
eg CI/CD, rapid or nightly releases

4) Drive architecture using data
eg Cloud watch, Cloud Trail

5) Improve through game days
eg Simulate traffic on production or purposely kill EC2 to see test recovery