

AWS Well Architecture { framework + tool }

- ① stop guessing capacity (model) \Rightarrow start-from minimum & auto scale
- ② Test systems @ production scale.
- ③ Automate { Cloudformation }
- ④ Evolutionary architecture { server \rightarrow serverless }
- ⑤ derive archi- using data
- ⑥ improve through game days (flash sale)

6 pillars for a well Architecture

- ① operational Excellence
- ② security
- ③ Reliability
- ④ Performance efficiency
- ⑤ Cost optimization
- ⑥ sustainability.

not tradeoffs
but synergic

To guide through these pillars → Well 'Architected' tool.

→ define workload. {type about our infrastructure}

& Apply lower } questions to ask our infrastructure }

* * We get to answer questions about our infrastructure on all the 6 pillars & then it will recommend us.

AWS Trusted Advises

→ high level account assessment.

& grouped into 6 categories

① Cost optimization

② Performance

③ Security

④ Fault tolerance

⑤ Service limits

→ Full set of checks for business & Enterprise support plan
↳ also gives programmatic access to AWS support API.

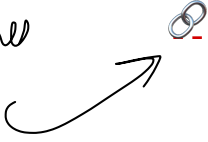
→ 7 Core checks for basic & Developer support plans

{ ① S3 bkt permissions
② S3 - specific port unrestricted
③ IAM user (1 user minimum)

④ MFA on root acct.
⑤ EBS public snapshots
⑥ RDS public snapshots
⑦ Service limits.

to check out architecture

tech lectures



solutions
for business