# Billing and Cost Tool

## Account Best Practices – Summary

- Operate multiple accounts using **Organizations**
- Use SCP (service control policies) to restrict account power
- Use **Tags & Cost Allocation Tags** for easy management & billing
- **IAM guidelines:** MFA, least-privilege, password policy, password rotation
- **Config** to record all resources configurations & compliance over time
- **CloudFormation** to deploy stacks across accounts and regions
- **Trusted Advisor** to get insights, Support Plan adapted to your needs
- Send Service Logs and Access Logs to **S3 or CloudWatch Logs**
- **CloudTrail** to record API calls made within your account
- **If your Account is compromised:** change the root password, delete and rotate all passwords / keys, contact the AWS support

## Billing and Costing Tools – Summary

- **TCO Calculator:** from on-premises to AWS
- **Simple Monthly Calculator / Pricing Calculator:** cost of services on AWS
- **Billing Dashboard:** high level overview + free tier dashboard
- **Cost Allocation Tags:** tag resources to create details on reports
- **Cost and Usage Reports:** most comprehensive billing dataset
- **Cost Explorer:** View current usage (detailed) and forecast usage
- **Billing Alarms:** in us-east-1 – track overall and per-service billing
- **Budgets:** more advanced – track usage, costs, RI, and get alerts