

AWS Trusted Advisor

Trusted Advisor

- No need to install anything – high level AWS account assessment
- Analyze your AWS accounts and provides recommendation:

Cost Optimization



Performance



Security



Fault Tolerance




Service Limits



- Core Checks and recommendations – all customers
- Can enable weekly email notification from the console
- Full Trusted Advisor – Available for Business & Enterprise support plans
 - Ability to set CloudWatch alarms when reaching limits
 - Programmatic Access using AWS Support API

Trusted Advisor Checks Examples

- Cost Optimization: 
 - low utilization EC2 instances, idle load balancers, under-utilized EBS volumes...
 - Reserved instances & savings plans optimizations,
- Performance:
 - High utilization EC2 instances, CloudFront CDN optimizations
 - EC2 to EBS throughput optimizations, Alias records recommendations
- Security:
 - MFA enabled on Root Account, IAM key rotation, exposed Access Keys
 - S3 Bucket Permissions for public access, security groups with unrestricted ports
- Fault Tolerance:
 - EBS snapshots age, Availability Zone Balance
 - ASG Multi-AZ, RDS Multi-AZ, ELB configuration...
- Service Limits

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