

AWS Trusted Advisor

Optimize costs, improve performance, and address security gaps

AWS Trusted Advisor provides real-time guidance to help you provision your resources following AWS best practices. Trusted Advisor analyzes your environment and offers recommendations in the categories of cost optimization, performance, security, fault tolerance, service limits, and operational excellence.

- **Cost optimization:** Recommendations that can potentially save you money. These checks highlight unused resources and opportunities to reduce your bill.
- **Performance:** Recommendations that can improve the speed and responsiveness of your applications.
- **Security:** Recommendations for security settings that can make your AWS solution more secure.
- **Fault tolerance:** Recommendations that help increase the resiliency of your AWS solution. These checks highlight redundancy shortfalls and overused resources.
- **Service limits:** Monitor usage against AWS service limits.
- **Operational Excellence:** Recommendations to help you operate your AWS environment effectively, and at scale.

Benefits

- Align with AWS best practices
- Prioritize important recommendations
- Streamline collaboration across your organization
- Optimize your AWS resources at scale

Use Cases

Optimize cost and efficiency

Identify ways to improve resource utilization. These can be unattached Elastic IP addresses or underutilized EBS volumes.

Address security gaps

Scan your environment to identify potential security improvements, such as publicly accessible Amazon S3 buckets or users with overly permissive policies.

Improve Performance

Optimize your application and service performance. These can be Amazon EC2 instances that might benefit from a different instance type.

IoT applications

Enhance the fault tolerance of your systems by identifying single points of failure or enabling cross-region replication for Amazon S3 buckets.

Real-time analytics

Receive alerts when you are approaching or have exceeded a service limit.

