**Trusted advisor**

**Service Overview**   
*AWS Trusted Advisor is an online tool that provides a real time guidance to help provision resources following AWS best practices. Trusted Advisor inspects resources across all AWS Regions and presents a summary of check results. Trusted Advisor checks help optimize AWS infrastructure, improve security and performance, reduce overall costs, and monitor service limits.*

**Use cases / Considerations**   
*Trusted Advisor includes an ever-expanding list of checks in the following five categories:*

* *Cost optimization – recommendations that can potentially save money by highlighting unused resources and opportunities to reduce the bill.*
* *Security - Trusted Advisor can improve the security of application by closing gaps, enabling various AWS security features, and examining permissions.*
* *Fault Tolerance - recommendations that help increase the resiliency of Amazon Web Services solution by highlighting redundancy shortfalls, current service limits, and overutilized resources.*
* *Performance - recommendations that can help to improve the speed and responsiveness of applications.*
* *Service Limits – Trusted Advisor checks for service usage that is more than 80% of the service limit.*

*The status of checks are:*

* *Red: action recommended*
* *Yellow: investigation recommended*
* *Green: no problem detected*

**Cautions**   
*Trusted Advisor Service Limits values are based on a snapshot, so current usage might differ. Limit and usage data can take up to 24 hours to reflect any changes.*

**Pricing considerations**

*Available categories and number of checks depends on AWS support plan (Basic, Developer, Business, Enterprise).*

**More details**

[AWS Trusted Advisor](https://aws.amazon.com/premiumsupport/technology/trusted-advisor/)

[AWS Trusted Advisor best practice checklist](https://aws.amazon.com/premiumsupport/technology/trusted-advisor/best-practice-checklist/)

[AWS support plans](https://aws.amazon.com/premiumsupport/plans/)