## 1]Compare AWS Guard Duty and AWS Trusted Advisor

AWS GuardDuty and AWS Trusted Advisor are both services offered by Amazon Web Services (AWS) that help customers improve their AWS environments, but they serve different purposes and focus on different aspects of AWS management. Here's a comparison between the two:

**AWS GuardDuty**: GuardDuty is a threat detection service that continuously monitors AWS accounts and workloads for malicious activity and unauthorized behavior. It analyzes data from various sources, including AWS CloudTrail logs, VPC Flow Logs, and DNS logs, to identify potential security threats such as unauthorized access, cryptojacking, and reconnaissance activities.

**AWS Trusted Advisor**: Trusted Advisor is a service that provides best practices and recommendations for optimizing AWS resources, improving performance, enhancing security, and reducing costs. It analyzes AWS account usage and configuration data to identify opportunities for optimization and offers actionable recommendations to help customers follow AWS best practices.

**AWS GuardDuty**: GuardDuty primarily focuses on security monitoring and threat detection, helping customers protect their AWS environments from security threats and vulnerabilities. **AWS Trusted Advisor**: Trusted Advisor focuses on providing recommendations for optimizing AWS resources in terms of cost, performance, security, and fault tolerance. It helps customers ensure that their AWS environments are well-architected and cost-efficient.