WHIZLABS

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Home / AWS / Guided Lab / Check AWS Resources in Trusted Advisor

Check AWS Resources in Trusted Advisor

Level: **Fundamental**

(Amazon S3) (Amazon VPC) (Amazon Web Services) (AWS Trusted Advisor)

Required Points	💎 **10**
Lab Duration	**01:00:00**
Average Start time	**Less than a minute**

Start Lab →

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Lab Overview

☁️ Cloud Security Engineer, Cloud Administrator

⚙️ Security, Management & Governance

Lab Details

1. This lab walks you through the steps to monitor the unrestricted security groups and public S3 Buckets with the help of AWS Trusted Advisor.

Privacy - Terms

2. Duration: **60 minutes**

3. AWS Region: **US East (N. Virginia) us-east-1**

Introduction

What is AWS Trusted Advisor ?

- AWS Trusted Advisor is an automated cloud service provided by Amazon Web Services (AWS).It offers real-time guidance and recommendations to help customers optimize their AWS infrastructure.

- Trusted Advisor analyzes an organization's AWS resources and configurations.It compares the resources against AWS best practices and industry standards.

- Trusted Advisor provides actionable insights to improve security, performance, and cost efficiency.

- It covers various categories, including cost optimization, performance, security, fault tolerance, and service limits.

- The service continuously monitors the customer's AWS environment for potential issues and optimization opportunities.

- Trusted Advisor sends proactive notifications and alerts to keep customers informed about their infrastructure health.

- It offers personalized recommendations tailored to the specific AWS resources and configurations used by each customer.

- Trusted Advisor helps identify idle resources, underutilized instances, security vulnerabilities, and other optimization opportunities.

- Customers can access Trusted Advisor through the AWS Management Console.

- It integrates with other AWS services and third-party tools for enhanced functionality and integration options.

- Trusted Advisor is available to AWS customers with an Enterprise-level support plan at no additional cost.

Architecture Diagram
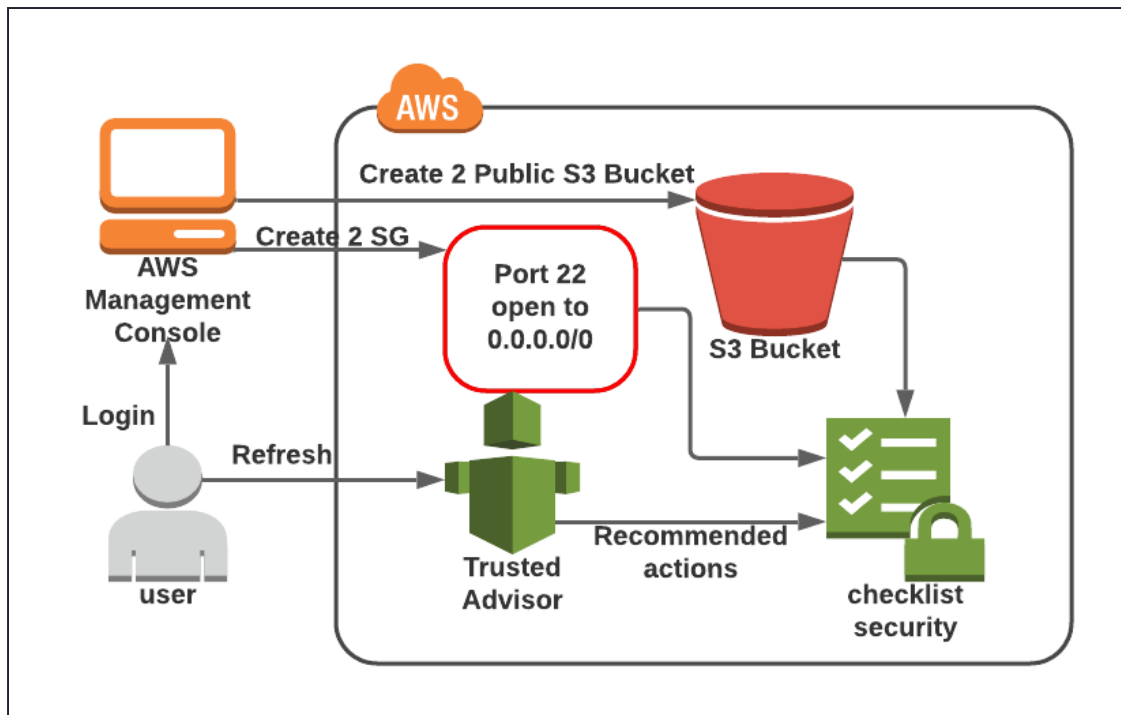
Task Details

1. Sign in to AWS Management Console

2. Checking the Initial status of the Trusted advisor dashboard

3. Create a first unrestricted security group

4. Create a second unrestricted security group

5. Creating 2 Public S3 Buckets

6. Refresh the Trusted advisor dashboard

7. Validation of the lab

8. Disable the Trusted Advisor

Launching Lab Environment

1. To launch the lab environment, Click on the **Start Lab** button.

2. Please wait until the cloud environment is provisioned. It will take less than a minute to provision.

3. Once the Lab is started, you will be provided with **IAM user name**, **Password**, **Access Key**, and **Secret Access Key**.

Note : You can only start one lab at any given time

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