How to Manage a Security Group on AWS Cloud

1. Go to the AWS Console through the URL http://aws.amazon.com/console . Select the EC2 service.

Welcome

The AWS Management Console provides a graphical interface to Amazon Web Services. Learn more about how to use our services to meet your needs, or get started by selecting a service.

Getting started guides

Reference architectures

Free Usage Tier

Set Start Page

Console Home

AWS Marketplace
Find & buy software, launch with 1-Click and pay by the hour.

Amazon Web Services

Compute & Networking

Direct Connect
Dedicated Network Connection to AWS

EC2
Virtual Servers in the Cloud

Elastic MapReduce
Managed Hadoop Framework

Route 53
Scalable Domain Name System

VPC
Isolated Cloud Resources

Storage & Content Delivery

CloudFront
Global Content Delivery Network

Glacier
Archive Storage in the Cloud

S3
Scalable Storage in the Cloud

Storage Gateway
Integrates on-premises IT environments with Cloud storage

Database

DynamoDB
Predictable and Scalable NoSQL Data Store

ElastiCache
In-Memory Cache

RDS
Managed Relational Database Service

Deployment & Management

CloudFormation
Templated AWS Resource Creation

CloudWatch
Resource & Application Monitoring

Data Pipeline NEW
Orchestration for data-driven workflows

Elastic Beanstalk
AWS Application Container

IAM
Secure AWS Access Control

App Services

CloudSearch
Managed Search Service

SES
Email Sending Service

SNS
Push Notification Service

SQS
Message Queue Service

SWF
Workflow Service for Coordinating Application Components

2. Select security groups from the EC2 dashboard.
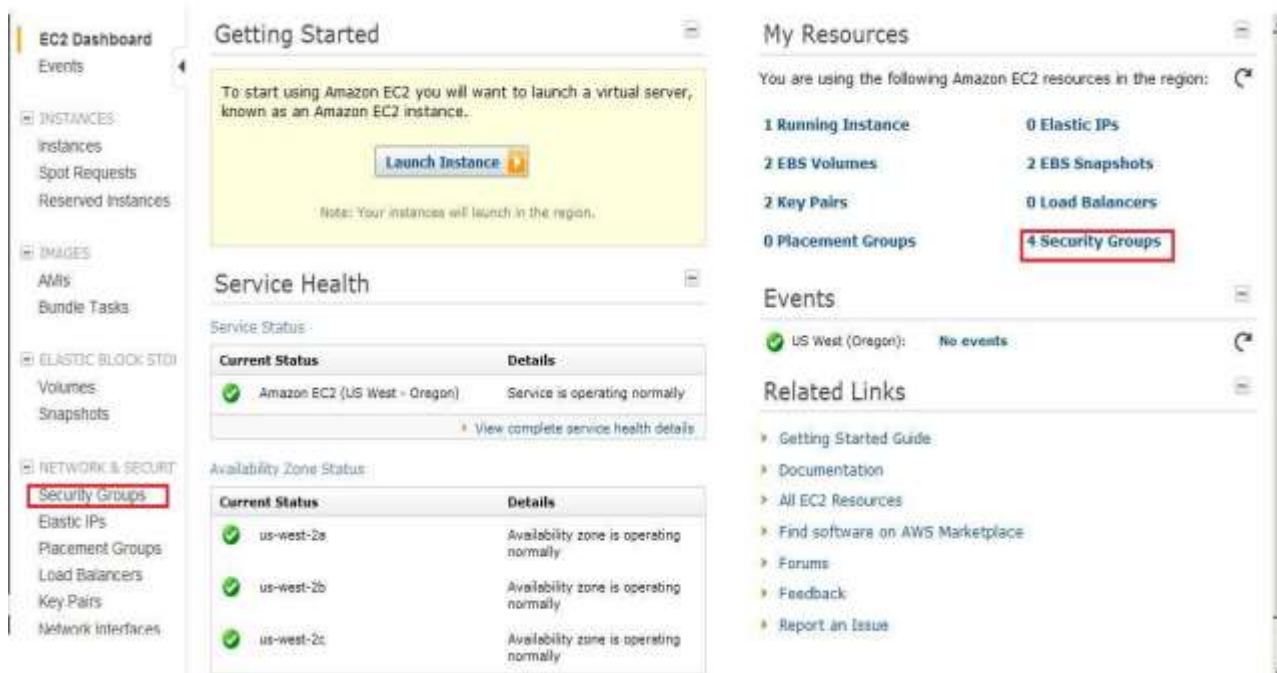
3. The Security Group console shows all the existing security groups of that region. Click on the "Create Security Group" button.
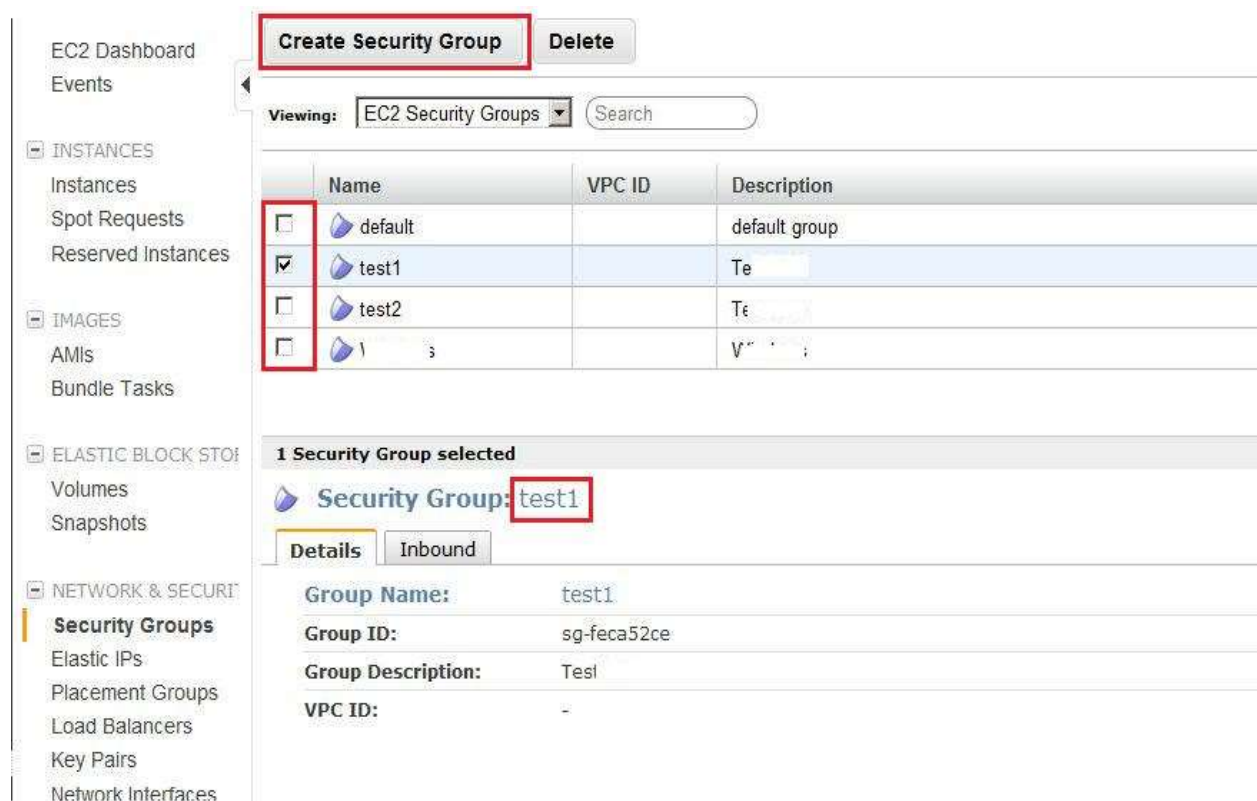
4. Provide the name of the security group and the description. If the user is launching the instance in VPC then select "VPC", or else select "No VPC". Click on "Yes, Create".

5. The security group will be created and available in the Security Group console. To delete a security group, select the security group and click on "Delete".

6. AWS will ask for a confirmation before deleting the security group. Click on "Yes, Delete".

7. The group will be deleted immediately and removed from the AWS Security group listing.

8. If a security group is assigned to some instance, AWS will not allow for deleting that security group.