

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.

The screenshot shows the AWS Management Console interface. On the left, there's a 'Welcome' section with links to 'Getting started guides', 'Reference architectures', and 'Free Usage Tier'. Below that is a 'Set Start Page' section with a dropdown menu set to 'Console Home'. At the bottom left is the 'AWS Marketplace' section. The main area is titled 'Amazon Web Services' and is divided into several categories: 'Compute & Networking', 'Storage & Content Delivery', 'Database', 'Deployment & Management', and 'App Services'. The 'EC2' service, described as 'Virtual Servers in the Cloud', is highlighted with a red rectangular box in the 'Compute & Networking' category. Other services listed include Direct Connect, Elastic MapReduce, Route 53, VPC, CloudFront, Glacier, S3, Storage Gateway, CloudFormation, CloudWatch, Data Pipeline, Elastic Beanstalk, IAM, CloudSearch, SES, SNS, SQS, and SWF.

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

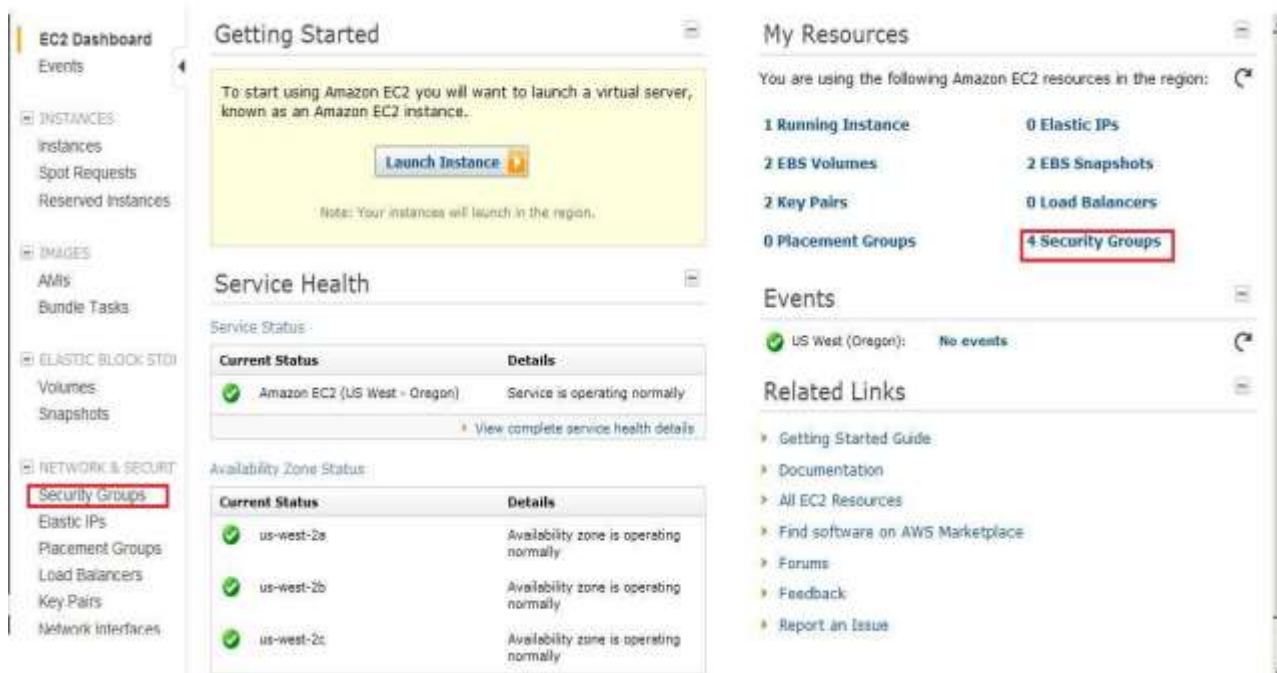
Deployment & Management

- 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

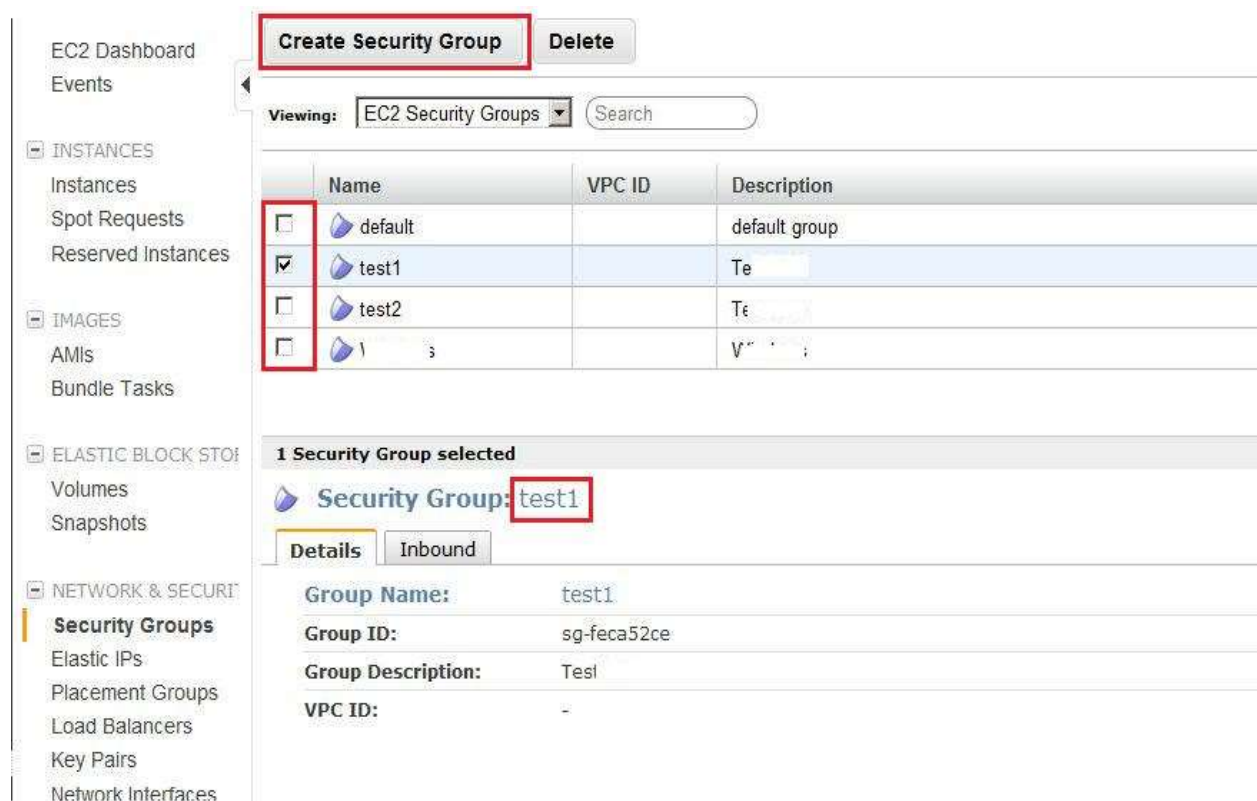
App Services

- 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".



The image shows a 'Create Security Group' dialog box. It has a title bar with 'Cancel' and a close button. Inside, there are three fields: 'Name' with the value 'Test NVM Security', 'Description' with the value 'Test Security Group', and 'VPC' with a dropdown menu showing 'No VPC'. At the bottom, there are two buttons: 'Cancel' and 'Yes, Create'. Red boxes highlight the 'Name' field, the 'VPC' dropdown, and the 'Yes, Create' button.

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".



The image shows the 'EC2 Security Groups' console. At the top, there are two buttons: 'Create Security Group' and 'Delete'. Below them is a 'Viewing:' dropdown set to 'EC2 Security Groups' and a search bar. A table lists several security groups. The 'Test NVM Security' group is selected, indicated by a red box around its row. Below the table, a summary bar shows '1 Security Group selected'. Underneath, the details for the 'Test NVM Security' group are displayed, including its name, ID, description, and VPC ID. The 'Details' tab is active, and the 'Inbound' tab is also visible.

	Name	VPC ID	Description
<input type="checkbox"/>	default		default group
<input checked="" type="checkbox"/>	Test NVM Security		Test Security Group
<input type="checkbox"/>	test1		Tes
<input type="checkbox"/>	test2		Tes
<input type="checkbox"/>			

1 Security Group selected

Security Group: Test NVM Security

Details **Inbound**

Group Name: Test NVM Security

Group ID: sg-369ff206




Group Description: Test Security Group

VPC ID: -

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.

<input type="checkbox"/>	 default		default group
<input type="checkbox"/>	 test1		Test
<input type="checkbox"/>	 test2		Tes: _ . J
<input type="checkbox"/>	 V ... /S		1 ... /S

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

