

**Cloud Computing – Session 3**  
**Elastic Compute Cloud (EC2)**

**ASSIGNMENT - 2**

**SUBMITTED BY:**

**Mahendra M. Sunar**

**DATE: 30<sup>th</sup> June, 2017**

EC2 instance is launched by choosing Amazon Machine Image (AMI)' Microsoft Windows Server 2012 R2 Base. Security group is created for this instance. Following are the screenshots.

The screenshot shows the AWS Management Console interface for the 'Configure Security Group' step of the EC2 instance launch wizard. The browser address bar shows the URL: <https://ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#LaunchInstanceWizard>. The navigation bar includes links for Services, Resource Groups, EC2, RDS, Route 53, VPC, IAM, and a user profile for Mahendra Sunar in the Mumbai region. The wizard progress bar shows seven steps: 1. Choose AMI, 2. Choose Instance Type, 3. Configure Instance, 4. Add Storage, 5. Add Tags, 6. Configure Security Group (current step), and 7. Review.

### Step 6: Configure Security Group

A security group is a set of firewall rules that control the traffic for your instance. On this page, you can add rules to allow specific traffic to reach your instance. For example, if you want to set up a web server and allow Internet traffic to reach your instance, add rules that allow unrestricted access to the HTTP and HTTPS ports. You can create a new security group or select from an existing one below. [Learn more](#) about Amazon EC2 security groups.

**Assign a security group:** ☒ Create a new security group ☐ Select an existing security group

**Security group name:**

**Description:**

Type ⓘ	Protocol ⓘ	Port Range ⓘ	Source ⓘ
RDP ▾	TCP	3389	My IP ▾ 27.106.120.180/32 ✕
HTTP ▾	TCP	80	Anywhere ▾ 0.0.0.0/0::/0 ✕

[Cancel](#)

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Actions

Filter by tags and attributes or search by keyword

	Name	Group ID	Group Name	VPC ID	Description
<input checked="" type="checkbox"/>	Testing-Lab	sg-26ed104e	testing lab	vpc-b4baf8dd	launch-wizard-1 created 2017-06-27T15:38:47.466+05:30
<input type="checkbox"/>		sg-533dcb3b	default	vpc-b4baf8dd	default VPC security group
<input type="checkbox"/>		sg-a319e4cb	win-lab	vpc-b4baf8dd	launch-wizard-1 created 2017-06-27T23:36:11.811+05:30
<input type="checkbox"/>		sg-f736c99f	Testing-Lab	vpc-b4baf8dd	launch-wizard-1 created 2017-06-29T23:37:32.408+05:30

Security Group: sg-26ed104e

Description

Inbound

Outbound

Tags

Group name

testing lab

Group ID

sg-26ed104e

Group description

launch-wizard-1 created 2017-06-27T15:38:47.466+05:30

VPC ID

vpc-b4baf8dd

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Name	Group ID	Group Name	VPC ID	Description
Testing-Lab	sg-26ed104e	testing lab	vpc-b4baf8dd	launch-wizard-1 created 2017-06-27T15:38:47.466+05:30
	sg-533dcb3b	default	vpc-b4baf8dd	default VPC security group
	sg-a319e4cb	win-lab	vpc-b4baf8dd	launch-wizard-1 created 2017-06-27T23:36:11.811+05:30

Security Group: sg-26ed104e

DescriptionInboundOutboundTags

Edit

Type	Protocol	Port Range	Source
HTTP	TCP	80	0.0.0.0/0
SSH	TCP	22	27.106.120.180/32

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	Name	Group ID	Group Name	VPC ID	Description
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Security Group: sg-26ed104e

Description

Inbound

Outbound

Tags

Edit

Type	Protocol	Port Range	Destination
All traffic	All	All	0.0.0.0/0