





# Основные преимущества:

- Моментальное создание инстансов (image) с помощью AMI
  - Быстрое масштабирование ресурсов
  - Плата за непосредственно используемые ресурсы
  - Централизованное управление через API веб-сервиса
  - Эластичные IP-адреса
- 

# Типы инстансов:

- GPU Compute
  - GPU Graphics
  - Инстансы высокопроизводительного хранилища
  - Dense Storage
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- 1. Choose AMI
- 2. Choose Instance Type
- 3. Configure Instance
- 4. Add Storage
- 5. Tag Instance
- 6. Configure Security Group
- 7. Review










# Step 1: Choose an Amazon Machine Image (AMI)

Cancel and Exit

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. You can select an AMI provided by AWS, our user community, or the AWS Marketplace; or you can select one of your own AMIs.

- Quick Start
- My AMIs
- AWS Marketplace
- Community AMIs
- Free tier only (1)

1 to 22 of 22 AMIs

	<b>Amazon Linux AMI 2014.03.2 (HVM) - ami-76817c1e</b> The Amazon Linux AMI is an EBS-backed image. It includes Linux 3.10, AWS tools, Java 7, Ruby 2, and repository access to multiple versions of Apache, MySQL, PostgreSQL, Python, Ruby and Tomcat. Root device type: ebs Virtualization type: hvm	Select 64-bit
	<b>Red Hat Enterprise Linux 7.0 (HVM) - ami-785bae10</b> Red Hat Enterprise Linux version 7.0 (HVM), EBS-backed Root device type: ebs Virtualization type: hvm	Select 64-bit
	<b>SUSE Linux Enterprise Server 11 sp3 (HVM), SSD Volume Type - ami-0e857b66</b> SUSE Linux Enterprise Server 11 Service Pack 3 (HVM), EBS General Purpose (SSD) Volume Type. Nvidia driver installs automatically during startup for GPU instances. Root device type: ebs Virtualization type: hvm	Select 64-bit
	<b>Ubuntu Server 14.04 LTS (HVM), SSD Volume Type - ami-864d84ee</b> Ubuntu Server 14.04 LTS (HVM), EBS General Purpose (SSD) Volume Type. Support available from Canonical ( <a href="http://www.ubuntu.com/cloud/services">http://www.ubuntu.com/cloud/services</a> ). Root device type: ebs Virtualization type: hvm	Select 64-bit
	<b>Microsoft Windows Server 2012 R2 Base - ami-beca16d6</b> Microsoft Windows 2012 R2 Standard edition with 64-bit architecture. [English] Root device type: ebs Virtualization type: hvm	Select 64-bit
	<b>Microsoft Windows Server 2012 R2 with SQL Server Express - ami-3acb1752</b> Microsoft Windows Server 2012 R2 Standard edition, 64-bit architecture, Microsoft SQL Server 2014 Express edition. [English] Root device type: ebs Virtualization type: hvm	Select 64-bit
	<b>Microsoft Windows Server 2012 R2 with SQL Server Web - ami-0ccb1764</b> Microsoft Windows Server 2012 R2 Standard edition, 64-bit architecture, Microsoft SQL Server 2014 Web edition. [English] Root device type: ebs Virtualization type: hvm	Select 64-bit
	<b>Microsoft Windows Server 2012 R2 with SQL Server Standard - ami-accb17c4</b> Microsoft Windows Server 2012 R2 Standard edition, 64-bit architecture, Microsoft SQL Server 2014 Standard edition. [English] Root device type: ebs Virtualization type: hvm	Select 64-bit
	<b>Microsoft Windows Server 2012 Base - ami-2ccb1744</b> Microsoft Windows 2012 Standard edition with 64-bit architecture. [English] Root device type: ebs Virtualization type: hvm	Select 64-bit

Launch Instance

Connect

Actions ▾

🔍 Filter by tags and attributes or search by keyword

<input type="checkbox"/>	Name ▾	Instance ID ▲	Instance Type ▾	Availability Zone ▾
<input type="checkbox"/>	SDK Sample	i-00c8aae84a9e95778	t1.micro	us-west-2b
<input checked="" type="checkbox"/>		i-008549029f860b9b0	t1.micro	us-west-2c
<input type="checkbox"/>		i-01ab983848e86	t1.micro	us-west-2b
<input type="checkbox"/>		i-0cf436cb6077c	t1.micro	us-west-2b
<input type="checkbox"/>		i-09f86b2f1bfc	t1.micro	us-west-2b
<input type="checkbox"/>		i-060a3dfae9395	m1.small	us-west-2b
<input type="checkbox"/>				us-west-2b
<input type="checkbox"/>				us-west-2b

- Connect
- Get Windows Password
- Launch More Like This
- Instance State ▶
- Instance Settings ▶
- Image ▶
- Networking ▶
- CloudWatch Monitoring ▶

- Create Image
- Bundle Instance (instance store AMI)

### Create Image

✕

Instance ID ⓘ i-008549029f860b9b0

Image name ⓘ

Image description ⓘ

No reboot ⓘ

#### Instance Volumes

Volume Type ⓘ	Device ⓘ	Snapshot ⓘ	Size (GiB) ⓘ	Volume Type ⓘ	IOPS ⓘ	Throughput (MB/s) ⓘ	Delete on Termination ⓘ	Encrypted ⓘ
Root	/dev/xvda	snap-066b5016ee2261563	8	General Purpose SSD (GP2)	100 / 3000	N/A	<input checked="" type="checkbox"/>	Not Encrypted

Add New Volume

Total size of EBS Volumes: 8 GiB  
When you create an EBS image, an EBS snapshot will also be created for each of the above volumes.

Cancel **Create Image**

### 1 Security Group selected

Group Name: default

Description: default group

#### Allowed Connections:

Connection Method	Protocol	From Port	To Port	Source (IP or group)
All	icmp	-1	-1	default group
All	tcp	0	65535	default group
All	udp	0	65535	default group
Custom...	--			

- Custom...
- DNS
- HTTP
- HTTPS
- IMAP
- IMAP (Secure)
- LDAP
- MS SQL Server
- MySQL
- POP3
- POP3 (Secure)
- RDP
- SMTP
- SMTPS
- SSH
- Custom...

### 1 Security Group selected

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Description: default group

#### Allowed Connections:

Connection Method	Protocol	From Port	To Port	Source (IP or group)
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All	tcp	0	65535	default group
All	udp	0	65535	default group
RDP	TCP	3389	3389	75.88.111.9/32

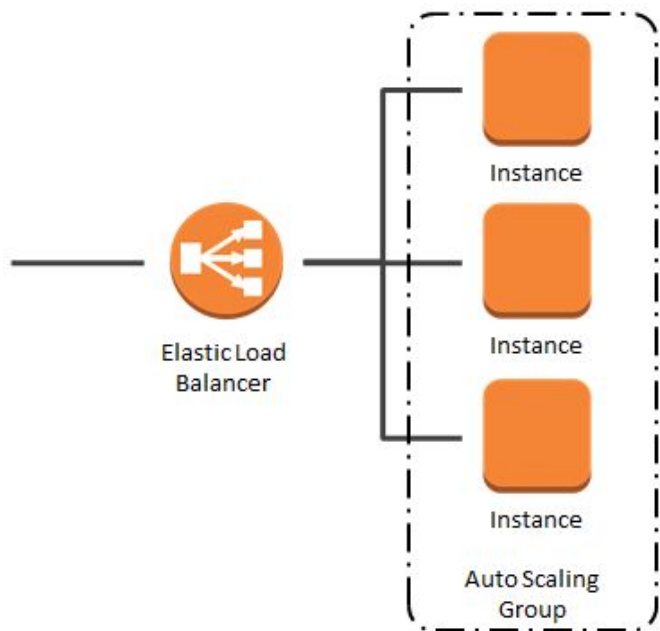
### 1 Security Group selected

Group Name: default

Description: default group

#### Allowed Connections:

Connection Method	Protocol	From Port	To Port	Source (IP or group)
All	icmp	-1	-1	default group
All	tcp	0	65535	default group
All	udp	0	65535	default group
HTTPS	tcp	443	443	0.0.0.0/0
HTTP	tcp	80	80	0.0.0.0/0
RDP	TCP	3389	3389	75.88.111.9/32



Load balancer: **Test-ALB**

- Description
- Listeners**
- Monitoring
- Tags

A listener checks for connection requests using its configured protocol and port, and the load balancer uses the listener rules to route requests to targets. You can add, remove, or update listeners and listener rules.

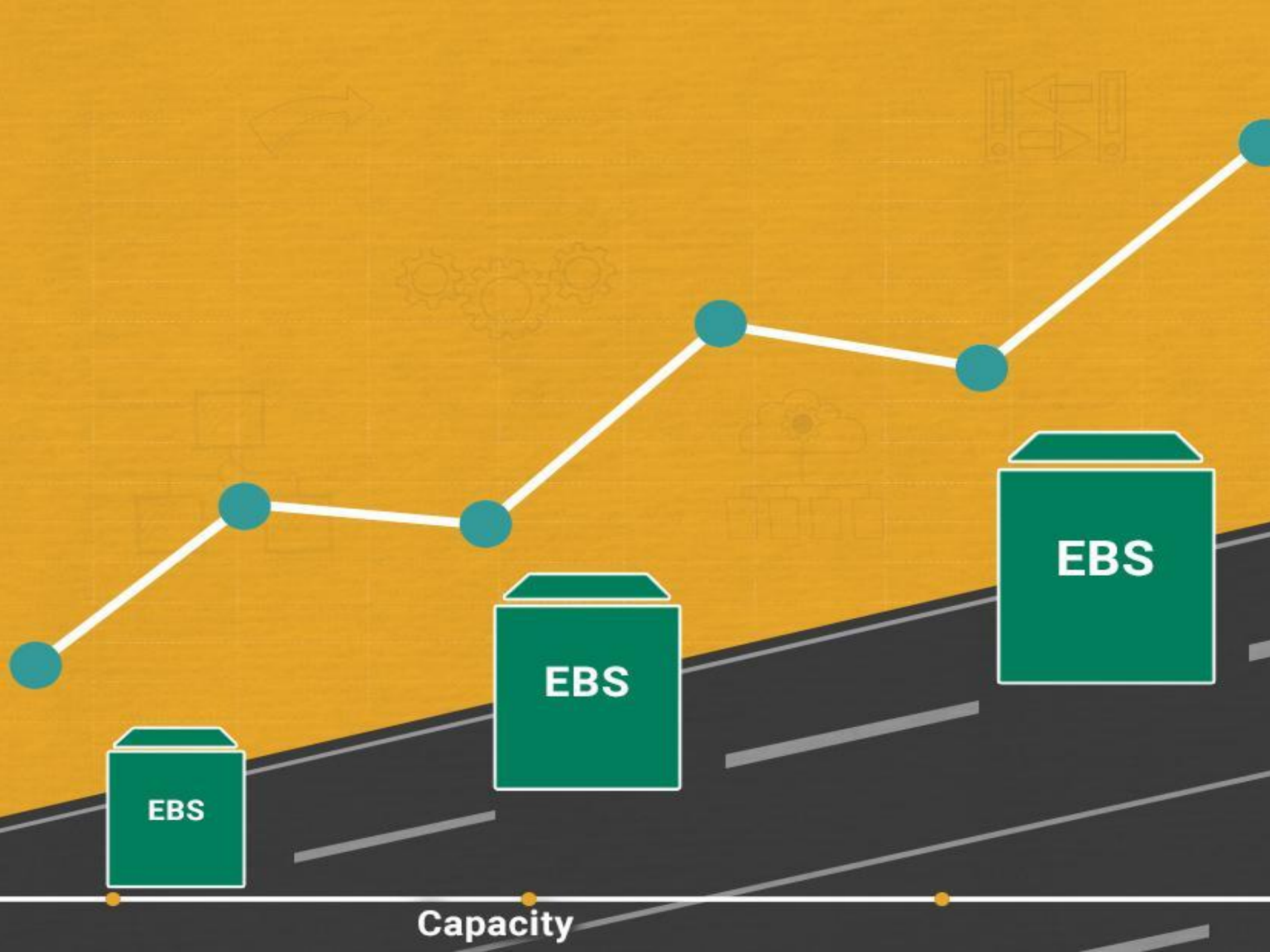
**Add listener**

Rules	Load Balancer Protocol	Load Balancer Port	Security policy	Certificate name	Listener ARN	Actions
▼	HTTP	80	N/A	N/A	arn...beb25384f40cb484 -	<a href="#">Edit</a> <a href="#">Delete</a>

Rules are evaluated in priority order, from the lowest value to the highest value. When the path pattern for a rule is met, traffic is routed to the target group. Otherwise, the default rule applies.

- Add rule**
- Reorder rules

Path pattern	Target group name	Priority	Rule ARN	Actions
<input type="text" value="/render_image/"/>	Test-ALB-TargetGroup	1	arn...47f9c6c187e605b8 -	<a href="#">Edit</a> <a href="#">Delete</a>
<input type="text" value="/create_user/"/>	<input type="text" value="Test-ALB-TargetGroup"/>	<input type="text" value="2"/>		<a href="#">Save</a> <a href="#">Cancel</a>
	Test-ALB-TargetGroup	default	arn...1c27c7a684acb233 -	<a href="#">Edit</a>



Capacity

EBS

EBS

EBS



**С**пасибо за  
внимание!

