



# Elastic Load Balancing (Version 2012-06-01)

## Quick Reference Card

Revised: 6/4/2012

### Load Balancers

#### elb-create-lb

Create a new LoadBalancer.

```
elb-create-lb LoadBalancerName --availability-zones value[, value...]  
--listener "protocol=value, lb-port=value, instance-port=value  
[,instance-protocol=value] [,certid=value]"[--listener  
"protocol=value,lb-port=value,instance-port=value [,instance-  
protocol=value], [certid=value]"...]]
```

#### elb-delete-lb

Delete an existing LoadBalancer.

```
elb-delete-lb LoadBalancerName
```

#### elb-describe-lbs

Describe the properties of LoadBalancers.

```
elb-describe-lbs [LoadBalancerName [LoadBalancerName...]]
```

### Listeners

#### elb-create-lb-listeners

Creates new LoadBalancer listeners.

```
elb-create-lb-listeners LoadBalancerName --listener "protocol=value,  
lb-port=value,instance-port=value, [instance-protocol=value],[cert-  
id=value]"[ --listener "protocol=value,lb-port=value,instance-  
port=value [,instance-protocol=value],[cert-id=value]" ...]
```

#### elb-set-lb-listener-ssl-cert

Sets the SSL Certificate for the specified LoadBalancer port.

```
elb-set-lb-listener-ssl-cert LoadBalancerName --lb-port value  
--cert-id value
```

#### elb-delete-lb-listeners

Delete listeners on an existing LoadBalancer.

```
elb-delete-lb-listeners LoadBalancerName --lb-ports value [,value...]  
[--force]
```

### Policies

#### elb-describe-lb-policies

Describe LoadBalancer policies.

```
elb-describe-lb-policies [LoadBalancerName]  
--policy-names value [,value...]
```

#### elb-create-lb-policy

Creates a new policy for a LoadBalancer.

```
elb-create-lb-policy LoadBalancerName --policy-name value --policy-  
type value --attribute "name=value,value=value" [--attribute  
"name=value, value=value" ...]
```

#### elb-describe-lb-policy-types

Describe LoadBalancer policies types supported by Elastic Load Balancing.

```
elb-describe-lb-policy-types [PolicyTypeName [PolicyTypeName...]]
```

#### elb-set-lb-policies-of-listener

Sets the policies for a specified LoadBalancer and port.

```
elb-set-lb-policies-of-listener LoadBalancerName  
--lb-port value --policy-names value [, value...]
```

#### elb-set-lb-policies-for-backend-server

Sets the policies for the back-end server.

```
elb-set-lb-policies-for-backend-server LoadBalancerName  
--instance-port value --policy-names value [, value...]
```

### Subnets (Virtual Private Cloud )

#### elb-create-lb

Create a new LoadBalancer in VPC.

```
elb-create-lb LoadBalancerName --subnet value[,value..] --listener  
"protocol=value,lb-port=value,instance-port=value [,instance-  
protocol=value] [,certid=value]"[--listener "protocol=value,lb-  
port=value,instance-port=value [,instance-protocol=value],  
[certid=value]"...] --security-groups value [,value...][--scheme value]
```

#### elb-attach-lb-to-subnets

Attaches VPC subnets to an existing LoadBalancer.

```
elb-attach-lb-to-subnets LoadBalancerName --subnets value [,value...]
```

#### elb-detach-lb-from-subnets

Removes the LoadBalancer from a VPC subnet.

```
elb-detach-lb-from-subnets LoadBalancerName --subnets value [,value...]
```

### Sticky Sessions

#### elb-create-app-cookie-stickiness-policy

Creates a new stickiness policy for a LoadBalancer that uses server application-generated cookies.

```
elb-create-app-cookie-stickiness-policy LoadBalancerName  
--cookie-name value --policy-name value
```

#### elb-create-lb-cookie-stickiness-policy

Creates a new stickiness policy for a LoadBalancer that uses LoadBalancer-generated cookies.

```
elb-create-lb-cookie-stickiness-policy LoadBalancerName  
--policy-name value [--expiration-period value]
```

### Instances

#### elb-register-instances-with-lb

Registers instances with a LoadBalancer.

```
elb-register-instances-with-lb LoadBalancerName  
--instances value [, value...]
```

#### elb-deregister-instances-from-lb

Unregisters instances from a LoadBalancer.

```
elb-deregister-instances-from-lb LoadBalancerName --instances value [,  
value...]
```

#### elb-describe-instance-health

Describe the state of instances associated with a LoadBalancer.

```
elb-describe-instance-health LoadBalancerName [--instances value [,  
value...]]
```

#### elb-configure-healthcheck

Configure the parameters for checking the health of instances registered with the LoadBalancer.

```
elb-configure-healthcheck LoadBalancerName --target value --healthy-  
threshold value --unhealthy-threshold value --interval value  
--timeout value
```

### Availability Zones

#### elb-enable-zones-for-lb

Add Availability Zones to an existing LoadBalancer.

```
elb-enable-zones-for-lb LoadBalancerName  
--availability-zones value [, value...]
```

#### elb-disable-zones-for-lb

Remove Availability Zones from a LoadBalancer.

```
elb-disable-zones-for-lb LoadBalancerName  
--availability-zones value [, value...]
```

### Domain Names

#### elb-associate-route53-hosted-zone

Associate LoadBalancer with Amazon Route 53 hosted zone.

```
elb-associate-route53-hosted-zone LoadBalancerName --hosted-zone-id value  
--rr-name value --rr-set-id value --rr-type value --weight value
```

#### elb-disassociate-route53-hosted-zone

Disassociate LoadBalancer from Amazon Route 53 hosted zone.

```
elb-disassociate-route53-hosted-zone LoadBalancerName --hosted-zone-id  
value --rr-name value --rr-set-id value --rr-type value --weight value
```

### Security Groups

#### elb-apply-security-groups-to-lb

Assigns security groups (specified by the security group ID) to the LoadBalancer in the VPC.

```
elb-apply-security-groups-to-lb LoadBalancerName --groups value  
[,value...]
```

This *Elastic Load Balancing Quick Reference Card (QRC)* contains commonly used commands and options. For a list of common options, see Page 2 of this QRC.

## General Options

The following options can be used with all the commands in the Elastic Load Balancing command line interface.

### --access-key-id

Provide the access key ID corresponding to the AWS Secret Access Key.

--access-key-id value

### --aws-credential-file

Provide the location of the file with your AWS credentials.

--aws-credential-file value

### --connection-timeout

Specify the connection timeout value (in seconds). Default value is 30 seconds.

--connection-timeout value

### --delimiter

Specify the delimiter to use when displaying delimited (long) results.

--delimiter value

### --ec2-cert-file-path

Provide the location of the file with your EC2 X.509 certificate.

--ec2-cert-file-path value

### --ec2-private-key-file-path

Provide the location of the file with your private key.

--ec2-private-key-file-path value

### --headers

Includes column headers if displaying tabular results, or include HTTP headers if displaying xml results.

--headers

### --region

Specify the web service Region to use. This option overrides the region specified in the EC2\_REGION environment variable.

--region value

### --secret-key

Specify AWS Secret Access Key to use.

--secret-key value

### --show-empty-fields

Displays empty columns and rows as *null* when displaying tabular results.

--show-empty-fields

### --show-table; --show-long; --show-xml; --quiet

Specifies how the results are displayed: tabular, delimited (long), xml, or no output.

--show-table

--show-long

--show-xml

--quiet

### --show-request

Displays the URL used to call a service in AWS.

--show-request

### --url

Provide the URL to use for calling a service in AWS. This option overrides the web service entry point URL specified in the AWS\_ELB\_URL environment variable.

--url value