



Auto Scaling Groups		Launch Configurations
as-create-auto-scaling-group Creates a new Auto Scaling group with specified name and other attributes. as-create-auto-scaling-group <i>AutoScalingGroupName</i> --availability-zones <i>value</i>[,<i>value</i>...] --launch-configuration <i>value</i> --max-size <i>value</i> --min-size <i>value</i> [--instance-id <i>value</i>] [--default-cooldown <i>value</i>] [--desired-capacity <i>value</i>] [--grace-period <i>value</i>] [--health-check-type <i>value</i>] [--load-balancers <i>value</i>[,<i>value</i>...]] [--placement-group <i>value</i>] [--vpc-zone-identifier <i>subnetId</i>[,<i>subnetId</i>,...]] [--termination-policies <i>value</i>[,<i>value</i>,...]]	as-update-auto-scaling-group Updates specified Auto Scaling groups with attributes. as-update-auto-scaling-group <i>AutoScalingGroupName</i> [--availability-zones <i>value</i>[,<i>value</i>...]] [--default-cooldown <i>value</i>] [--desired-capacity <i>value</i>] [--grace-period <i>value</i>] [--health-check-type <i>value</i>] [--launch-configuration <i>value</i>] [--max-size <i>value</i>] [--min-size <i>value</i>] [--placement-group <i>value</i>] [--vpc-zone-identifier <i>value</i>] [--termination-policies <i>value</i>[,<i>value</i>,...]] as-set-desired-capacity Sets the desired capacity of the specified Auto Scaling group (within the range of the group's minimum and maximum size). as-set-desired-capacity <i>AutoScalingGroupName</i> --desired-capacity <i>value</i> [--honor-cooldown/--no-honor-cooldown]	as-create-launch-config Creates a new launch configuration with specified attributes. as-create-launch-config <i>LaunchConfigurationName</i> --image-id <i>value</i> --instance-type <i>value</i> [--associate-public-ip-address <i>value</i>] [--block-device-mapping "key1=<i>value</i>1, key2=<i>value</i>2..."] [--ebs-optimized <i>value</i>] [--group <i>value</i>[,<i>value</i>...]] [--iam-instance-profile <i>value</i>] [--instance-id <i>value</i>] [--kernel <i>value</i>] [--key <i>value</i>] [--monitoring-enabled/monitoring-disabled] [--ramdisk <i>value</i>] [--spot-price <i>value</i>] [--placement-tenancy <i>value</i>] [--user-data <i>value</i>][--user-data-file <i>value</i>] as-delete-launch-config Deletes the specified launch configuration. as-delete-launch-config <i>LaunchConfigurationName</i> [--force] as-describe-launch-configs Describes the specified launch configurations. as-describe-launch-configs [<i>LaunchConfigurationName</i> [<i>LaunchConfigurationName</i>...]] [--max-records <i>value</i>]
Instances		Processes
as-describe-auto-scaling-instances Returns a description of the Amazon EC2 instance(s) if the instance(s) exists in the Auto Scaling group. as-describe-auto-scaling-instances [<i>InstanceIds</i> [<i>InstanceIds</i> ...]] [--max-records <i>value</i>]	as-set-instance-health Sets the health of the instance. as-set-instance-health <i>InstanceId</i> --status <i>value</i> [--respect-grace-period/no-respect-grace-period]	as-suspend-processes Suspends all scaling processes for an Auto Scaling group. as-suspend-processes <i>AutoScalingGroupName</i> [--processes <i>value</i>1, <i>value</i>2,...]
as-attach-instances Attaches instances to Auto Scaling group as-attach-instances <i>InstanceIds</i> [<i>InstanceIds</i> ..]--auto-scaling-group <i>value</i>	as-detach-instances Detaches instances from Auto Scaling group as-detach-instances <i>InstanceIds</i> [<i>InstanceIds</i> ..]--auto-scaling-group <i>value</i> [--decrement-desired-capacity/--no-decrement-desired-capacity]	as-resume-processes Resumes all suspended scaling processes for a given Auto Scaling group. as-resume-processes <i>AutoScalingGroupName</i> [--processes <i>value</i>1, <i>value</i>2,...]
as-enter-standby Move instances in an Auto Scaling group into a Standby mode. as-enter-standby --instances [<i>InstanceIds</i> ..] --auto-scaling-group <i>value</i> [--decrement-desired-capacity/--no-decrement-desired-capacity]	as-exit-standby Move instances in an Auto Scaling group out of Standby mode. as-enter-standby --instances [<i>InstanceIds</i> ..] --auto-scaling-group <i>value</i> [--decrement-desired-capacity/--no-decrement-desired-capacity]	as-describe-process-types Returns descriptions of suspendable scaling processes. If arguments are passed, returns matching process types. as-describe-process-types [<i>ProcessName</i> ...]
as-terminate-instance-in-auto-scaling-group Terminates a given instance with/without reducing the group's capacity. as-terminate-instance-in-auto-scaling-group <i>InstanceId</i> --decrement-desired-capacity/no-decrement-desired-capacity [--force]		
Lifecycle Hooks		
as-complete-lifecycle-action Completes the lifecycle action for the associated token initiated under the given lifecycle hook with the specified result. as-complete-lifecycle-action <i>token</i> --auto-scaling-group-name <i>value</i> --lifecycle-action-result <i>value</i> --lifecycle-action-token <i>value</i> --lifecycle-hook-name <i>value</i>	as-delete-lifecycle-hook Deletes the specified lifecycle hook. If there are any outstanding lifecycle actions, they are completed first (ABANDON for launching instances, CONTINUE for terminating instances). as-delete-lifecycle-hook --auto-scaling-group-name <i>value</i> --lifecycle-hook-name <i>value</i>	as-describe-lifecycle-hooks Describes the lifecycle hooks that currently belong to the specified Auto Scaling group. as-describe-lifecycle-hooks --auto-scaling-group-name <i>value</i> --lifecycle-hook-names [<i>LifecycleHookNames</i>]
as-put-lifecycle-hook Creates or updates a lifecycle hook for an Auto Scaling Group. as-put-lifecycle-hook --auto-scaling-group-name <i>value</i> --default-result <i>value</i> --heartbeat-timeout <i>value</i> --lifecycle-hook-name <i>value</i> --lifecycle-transition <i>value</i> --notification-metadata <i>value</i> --notification-target-arn <i>value</i> --role-arn <i>value</i>	as-record-lifecycle-action-heartbeat Records a heartbeat for the lifecycle action associated with a specific token. as-record-lifecycle-action-heartbeat --auto-scaling-group-name <i>value</i> --lifecycle-action-token <i>value</i> --lifecycle-hook-name <i>value</i>	as-describe-lifecycle-hook-types Describes the available types of lifecycle hooks. as-describe-lifecycle-hooks



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Policies

as-put-scaling-policy

Creates or updates a scaling policy with specified attributes.

```
as-put-scaling-policy PolicyName --type value
--auto-scaling-group value --adjustment
value [--cooldown value][--min-adjustment-step
value]
```

as-delete-policy

Deletes the specified policy.

```
as-delete-policy PolicyName
[--auto-scaling-group value] [--force]
```

as-describe-adjustment-types

Describes valid adjustment types for calls to **as-put-scaling-policy**. If arguments are passed, describes only adjustment types with names that match the arguments.

```
as-describe-adjustment-types
[AdjustmentTypes [AdjustmentTypes ...]]
```

as-describe-policies

Describes the specified policy/policies if specified policy/policies exist.

```
as-describe-policies [PolicyNames [PolicyNames
...]] [--auto-scaling-group value]
[--max-records value]
```

as-execute-policy

Executes the specified policy.

```
as-execute-policy PolicyName
[--auto-scaling-group value]
[--honor-cooldown/no-honor-cooldown]
```

as-describe-termination-policy-types

Describes all Auto Scaling termination policy types.

```
as-describe-termination-policy-types
```

Account Limit

as-describe-account-limits

Describes limits for the account.

```
as-describe-account-limits
```

Scheduled Actions

as-describe-scheduled-actions

Describes the specified scheduled action(s) if the scheduled action(s) exists.

```
as-describe-scheduled-actions
[ScheduledActionNames [ScheduledActionNames
...]] [--auto-scaling-group value]
[--start-time value] [--end-time value]
[--max-records value]
```

as-delete-scheduled-action

Deletes the specified scheduled action.

```
as-delete-scheduled-action ScheduledActionName
--auto-scaling-group value [--force]
```

as-put-scheduled-update-group-action

Creates or updates a specified scheduled update group action with attributes.

```
as-put-scheduled-update-group-action
ScheduledActionName --auto-scaling-group value
--time value [--desired-capacity value]
[--max-size value] [--min-size value]
[--recurrence value]
```

Metrics Collection

as-enable-metrics-collection

Enables collection of Auto Scaling group metrics.

```
as-enable-metrics-collection
AutoScalingGroupName --granularity value
[--metrics value [, value...]]
```

as-disable-metrics-collection

Disables collection of Auto Scaling group metrics.

```
as-disable-metrics-collection
AutoScalingGroupName [--metrics
value [, value...]]
```

as-describe-metric-collection-types

Describes all metric collection types and metric granularity types.

```
as-describe-metric-collection-types
```

Notification Configuration

as-put-notification-configuration

Configures an Auto Scaling group to send notifications when specified events take place.

```
as-put-notification-configuration
AutoScalingGroupName --notification-types
value --topic-arn topic-ARN
```

as-describe-notification-configurations

Returns a list of notification actions associated with Auto Scaling groups for specified events.

```
as-describe-notification-configurations
[--auto-scaling-groups value [, value...]]
[--maxrecords value]
```

as-delete-notification-configuration

Deletes notifications created by **as-put-notification-configuration**.

```
as-delete-notification-configuration
AutoScalingGroupName --topic-arn topic-ARN
```

as-describe-auto-scaling-notification-types

Returns a list of all notification types that are supported by Auto Scaling.

```
as-describe-auto-scaling-notification-types
```

Scaling Activities

as-describe-scaling-activities

Describes a set of activities or all activities belonging to a group.

```
as-describe-scaling-activities
[ActivityIds [ActivityIds ...]]
[--auto-scaling-group value]
[--max-records value]
```



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General Options

The following options can be used with all the commands in the Auto Scaling command line interface.

--access-key-id

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

--access-key-id value

--region

Specify the web service Region to use. This option overrides the region specified in the EC2_REGION environment variable.

--region value

--aws-credential-file

Provide the location of the file with your AWS credentials.

--aws-credential-file value

--secret-key

Specify AWS Secret Access Key to use.

--secret-key value

--connection-timeout

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

--connection-timeout value

--show-empty-fields

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

--show-empty-fields

--delimiter

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

--delimiter value

--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

--ec2-cert-file-path

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

--ec2-cert-file-path value

--show-request

Displays the URL used to call a service in AWS.

--show-request

--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

--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