Auto Scaling Groups

as-create-auto-scaling-group
Creates a new Auto Scaling group with specified name and other attributes.
```
as-create-auto-scaling-group
AutoScalingGroupName
--availability-zones   value[,value… ]
--launch-configuration   value
--max-size   value
--min-size   value
[--default-cooldown   value ]
[--desired-capacity   value ]
[--grace-period   value ]
[--health-check-type   value ]
[--load-balancers   value[,value...] ]
[--placement-group   value ]
[--vpc-zone-identifier subnetId[,subnetId,..]]
```

as-delete-auto-scaling-group
Deletes the specified Auto Scaling group if the group has no instances and no scaling activities in progress.
```
as-delete-auto-scaling-group
AutoScalingGroupName [--force-delete][--force]
```

as-describe-auto-scaling-groups
Returns a full description of the specified Auto Scaling group(s).
```
as-describe-auto-scaling-groups [AutoScalingGroupName [AutoScalingGroupName...] ]
[--max-records   value ]
```

as-update-auto-scaling-group
Updates specified Auto Scaling groups with attributes.
```
as-update-auto-scaling-group
AutoScalingGroupName
[--availability-zones   value[,value...] ]
[--default-cooldown   value ]
[--desired-capacity   value ]
[--grace-period   value ]
[--health-check-type   value ]
[--launch-configuration   value ]
[--max-size   value ]
[--min-size   value]
[--placement-group   value ]
[--vpc-zone-identifier   value ]
```

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 AutoScalingGroupName
--desired-capacity value
[--honor-cooldown/no-honor-cooldown ]
```

Launch Configurations

as-create-launch-config
Creates a new launch configuration with specified attributes.
```
as-create-launch-config LaunchConfigurationName
--image-id value --instance-type value
[--iam-instance-profile value ]
[--spot-price value ]
[--block-device-mapping "key1=value1,
key2=value2..." ]
[--monitoring-enabled/monitoring-disabled ]
[--kernel value ] [--key value ]
[--ramdisk value ][--group value[,value...] ]
[--user-data value ][--user-data-file value ]
```

as-delete-launch-config
Deletes the specified launch configuration.
```
as-delete-launch-config LaunchConfigurationName
[--force ]
```

as-describe-launch-configs
Describes the specified launch configurations.
```
as-describe-launch-configs
[LaunchConfigurationName
[LaunchConfigurationName…] ]
[--max-records value ]
```

Instances

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
[InstanceIds [InstanceIds ...] ]
[--max-records value ]
```

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 InstanceId
--decrement-desired-capacity/no-decrement-desired-capacity
[--force ]
```

as-set-instance-health
Sets the health of the instance.
```
as-set-instance-health InstanceId
--status value
[--respect-grace-period/no-respect-grace-period]
```

Processes

as-suspend-processes
Suspends all scaling processes for an Auto Scaling group.
```
as-suspend-processes AutoScalingGroupName
```

as-resume-processes
Resumes all suspended scaling processes for a given Auto Scaling group.
```
as-resume-processes AutoScalingGroupName
```

as-describe-process-types
Returns descriptions of suspendable scaling processes. If arguments are passed, returns matching process types.
```
as-describe-process-types [ProcessName ...]
```

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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  ]
```

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 ]
```

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 ]
```

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
```

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
```

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