Alibaba Cloud

Auto Scaling

Release notes

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C-J Alibaba Cloud

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Document conventions

Style	Description	Example
⚠ Danger	A danger notice indicates a situation that will cause major system changes, faults, physical injuries, and other adverse results.	⚠ **Danger:** Resetting will result in the loss of user configuration data.
🔔 Warning	A warning notice indicates a situation that may cause major system changes, faults, physical injuries, and other adverse results.	🔔 **Warning:** Restarting will cause business interruption. About 10 minutes are required to restart an instance.
🔊 Notice	A caution notice indicates warning information, supplementary instructions, and other content that the user must understand.	🔊 **Notice:** If the weight is set to 0, the server no longer receives new requests.
? Note	A note indicates supplemental instructions, best practices, tips, and other content.	? **Note:** You can use Ctrl + A to select all files.
>	Closing angle brackets are used to indicate a multi-level menu cascade.	Click **Settings**> **Network**> **Set network type**.
Bold	Bold formatting is used for buttons , menus, page names, and other UI elements.	Click **OK**.
Courier font	Courier font is used for commands	Run the `cd /d C:/window` command to enter the Windows system folder.
Italic	Italic formatting is used for parameters and variables.	`bae log list --instanceid` *Instance_ID*
[] or [a|b]	This format is used for an optional value, where only one item can be selected.	`ipconfig [-all|-t]`
{} or {a|b}	This format is used for a required value, where only one item can be selected.	`switch {active|stand}`

Table of Contents

1.Release notes

This topic describes the release notes of Auto Scaling.

February 2021

Feature	Description	Release date	Region	References
Scaling configuration s	Weights can be set for instance types.	2021-02-12	All	• Create a scaling configuration • Use performance metrics to measure Auto Scaling • CreateScalingConfi guration

January 2021

Feature	Description	Release date	Region	References
Scaling configuration s	Auto Scaling can automatically generate sequential and unique hostnames.	2021-01-15	All	• Create a scaling configuration • Set rules for generating sequential and unique hostnames • CreateScalingConfi guration

November 2020

Feature	Description	Release date	Region	References
Scaling configuration s	The performance levels of system disks or data disks that are enhanced SSDs (ESSDs) can be specified.	2020-11-18	All	• Create a scaling configuration • CreateScalingConfi guration

October 2020

Feature	Description	Release date	Region	References
Event- triggered tasks	The statistical methods supported by custom monitoring event-triggered tasks are added.	2020-10-25	All	• Create an event- triggered task • CreateAlarm

September 2020

Feature	Description	Release date	Region	References
Modification of scaling configurations	The images specified in scaling configurations can be modified.	2020-09-24	All	Replace the image in a single scaling configuration

August 2020

Feature	Description	Release date	Region	References
Rolling update	Operation Orchestration Service (OOS) packages can be used to install software.	2020-08-20	Some	Rolling update
Expected number of instances	The expected number of instances in a scaling group can be modified when you delete or remove ECS instances from the scaling group.	2020-08-12	All	Expected number of instances
Scheduled tasks	The expiration time can be left unspecified. The maximum recurrence period is changed to one year.	2020-08-07	All	Create a scheduled task

July 2020

Feature	Description	Release date	Region	References
Modification of scaling groups	Health check can be enabled or disabled for ECS instances in an existing scaling group.	2020-07-30	All	Modify a scaling group
Support for updating images in scaling configurations	Image update tasks can be created to replace images in scaling configurations in batches.	2020-07-02	All	Replace images in multiple scaling configurations at a time

May 2020

Feature	Description	Release date	Region	References
Auto Scaling service-linked role	The AliyunServiceRoleForAutoScaling service-linked role is automatically created for Auto Scaling when the Auto Scaling service is activated.	2020-05-06	All	Manage the Auto Scaling service linked role

April 2020

Feature	Description	Release date	Region	References
Rolling update	Rolling update tasks can be used to update the configurations of ECS instances in batches.	2020-04-26	Some	Rolling update

March 2020

Feature	Description	Release date	Region	References
System monitoring event-triggered tasks	System monitoring event-triggered tasks can support more monitoring metrics.	2020-03-17	All	Event-triggered tasks for system monitoring
Optimization for creating scaling groups	Configuration items for creating a scaling group are optimized. You can select an existing instance as the template and add tags for a scaling group.	2020-03-11	All	Create a scaling group

December 2019

Feature	Description	Release date	Region	References
Suspension and resumption of processes for a scaling group	Processes for a scaling group can be suspended or resumed to implement fine-grained control of scaling operations.	2019-12-03	All	• Suspend a scaling process • Resume a scaling process

October 2019

Feature	Description	Release date	Region	References
Support for ECS instance health status	An API operation can be called to set the health status of an ECS instance.	2019-10-25	All	SetInstanceHealth
Expected number of instances	The expected number of ECS instances in a scaling group can be set. This allows Auto Scaling to flexibly execute parallel scaling activities.	2019-10-22	All	Expected number of instances

September 2019

Feature	Description	Release date	Region	References
Support for creating a scaling configuration from an existing instance	An API operation can be called to specify an instance as the template when you create a scaling group. Auto Scaling obtains the configuration information of the instance and automatically creates a scaling configuration.	2019-09-24	All	CreateScalingGroup

August 2019

Feature	Description	Release date	Region	References
Support for associating a lifecycle hook with an OOS template	A lifecycle hook can be associated with an OOS template. When the lifecycle hook is triggered, Auto Scaling automatically uses the associated OOS template.	2019-08-14	All	Create a lifecycle hook

July 2019

Feature	Description	Release date	Region	References
Support for mixed instance allocation in the cost optimization policy	Pay-as-you-go instances and preemptible instances are created based on the specified capacity when you set the multi-zone scaling policy to cost optimization policy.	2019-07-02	All	Create a scaling group

May 2019

Feature	Description	Release date	Region	References
Step scaling rules	A step scaling rule can be created to implement fine-grained scaling control based on the size of the alert breach.	2019-05-20	All	Create a scaling rule
Multiple security groups	An automatically created instance can be added to multiple security groups.	2019-05-15	All	Create a scaling configuration
Query of the endpoint information	An API operation can be called to query regions that support Auto Scaling.	2019-05-05	All	DescribeRegions

April 2019

Feature	Description	Release date	Region	References
Predictive scaling rules	Predictive scaling rules can be created. After a predictive scaling rule is created, Auto Scaling adjusts the minimum and maximum numbers of instances in a scaling group based on historical monitoring data.	2019-04-18	All	Scaling rule overview
Support for the DiskName, DiskDescription, and Encrypted parameters in scaling configurations	The disk name, disk description, and encryption can be set for a scaling configuration.	2019-04-04	All	Create a scaling configuration

January 2019

Feature	Description	Release date	Region	References
Target tracking scaling rules	Target tracking scaling rules can be created. After a target tracking scaling rule is created, Auto Scaling adjusts the number of ECS instances based on the specified target values.	2019-01-11	All	Create a scaling rule

December 2018

Feature	Description	Release date	Region	References
Support for changing vSwitches	The vSwitches associated with a scaling group can be changed.	2018-12-28	All	Modify a scaling group
Cost optimization policy	The cost optimization policy is available for the multi-zone scaling policy.	2018-12-16	All	• Create a scaling group • Reduce costs by configuring a cost optimization policy
vServer groups	vServer groups cab be specified for SLB instances associated with a scaling group.	2018-12-07	All	Use SLB in Auto Scaling

November 2018

Feature	Description	Release date	Region	References
No Fees for Stopped Instances (VPC-Connected)	ECS instances that are removed from a scaling group can enter the No Fees for Stopped Instances (VPC-Connected) state.	2018-11-28	All	• Create a scaling group • CreateScalingGroup • RemoveInstances

October 2018

Feature	Description	Release date	Region	References
Enhanced whitelists of ApsaraDB RDS instances	The internal IP addresses of ECS instances in a scaling group can be added to the enhanced whitelists of the ApsaraDB RDS instances that are associated with the scaling group.	2018-10-19	All	Create a scaling group

September 2018

Feature	Description	Release date	Region	References
Release of Auto Scaling in the UK (London) region	Auto Scaling is available in the UK (London) region.	2018-09-30	All	What is Auto Scaling?
Shutdown and reclaim mode	The shutdown and reclaim mode can be specified for a scaling group.	2018-09-13	All	Create a scaling group
Launch template	A launch template can be specified as the instance configuration source for a scaling group.	2018-09-01	All	Create a scaling group

August 2018

Feature	Description	Release date	Region	References
Cron expressions for scheduled tasks	Cron expressions can be used to specify the recurrence for scheduled tasks.	2018-08-20	All	Create a scheduled task

Feature	Description	Release date	Region	References
Expiration notifications for scheduled tasks	Expiration notifications can be configured for scheduled tasks.	2018-08-20	All	Create an event notification

July 2018

Feature	Description	Release date	Region	References
Modification of information about data disks and preemptible instances	Information about data disks and the price limits of preemptible instances in scaling configurations can be modified.	2018-07-27	All	Modify a scaling configuration
Association with ApsaraDB RDS instances	ApsaraDB RDS instances can be associated with or disassociated from a scaling group.	2018-07-11	All	Modify a scaling group
Association with SLB instances	SLB instances can be associated with or disassociated from a scaling group.	2018-07-04	All	Modify a scaling group

June 2018

Feature	Description	Release date	Region	References
Modification of scaling configurations	Existing scaling configurations can be modified.	2018-06-27	All	Modify a scaling configuration
Lifecycle hooks	When an ECS instance is automatically created or removed from a scaling group, lifecycle hooks can be used to put the instance into the wait state. This allows you to perform operations on the instance.	2018-06-01	All	Create a lifecycle hook

April 2018

Feature	Description	Release date	Region	References
Scaling activity notifications	When a scaling activity of a specific type occurs in a scaling group, notifications can be sent to Cloud Monitor or Message Service.	2018-04-20	All	Event notification overview

March 2018

Feature	Description	Release date	Region	References
Protected state	ECS instances in a scaling group can be put into the protected state. Instances in the protected state are not released or removed from the scaling group during scale-in events.	2018-03-28	All	Put an ECS instance into the Protected state
Standby state	ECS instances in a scaling group can be put into the standby state. This allows you to manage the lifecycle of the ECS instances.	2018-03-15	All	Put an ECS instance into the Standby state

2015

Service	Description	Release date	Region	References
Auto Scaling	Auto Scaling is released.	2015-08-27	Some	What is Auto Scaling?

2014

Service	Description	Release date	Region	References
Auto Scaling	Auto Scaling is in internal preview.	2014-10-15	Some	What is Auto Scaling?