

Alibaba Cloud Elastic Compute Service

Release Notes

Issue: 20190531

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Generic conventions

Table -1: Style conventions

Style	Description	Example
	This warning information 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.
	This warning information 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 restore business.
	This indicates warning information, supplementary instructions, and other content that the user must understand.	 Notice: Take the necessary precautions to save exported data containing sensitive information.
	This indicates supplemental instructions, best practices, tips, and other content that is good to know for the user.	 Note: You can use Ctrl + A to select all files.
>	Multi-level menu cascade.	Settings > Network > Set network type
Bold	It is used for buttons, menus, page names, and other UI elements.	Click OK.
Courier font	It is used for commands.	Run the <code>cd / d C :/ windows</code> command to enter the Windows system folder.
<i>Italics</i>	It is used for parameters and variables.	<code>bae log list --instanceid Instance_ID</code>
[] or [a b]	It indicates that it is an optional value, and only one item can be selected.	<code>ipconfig [-all -t]</code>

Style	Description	Example
<code>{}</code> or <code>{a b}</code>	It indicates that it is a required value, and only one item can be selected.	<code>switch {stand slave}</code>

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1 Release notes

This topic describes the release notes of ECS features.

For information about image release notes, see [Release notes](#). For information about release notes of the Cloud Migration tool, see [Cloud Migration tool](#).

Feature	Release date	Documentation
Manually created snapshots support CloudMonitor event notifications.	2019-05-10	Overview of event notifications
A single ENI supports multiple private IP addresses.	2019-04-28	Assign multiple secondary private IP addresses
System disk resizing is supported.	2019-04-24	Create a snapshot
Snapshots of expired cloud disks can be created.	2019-04-20	<ul style="list-style-type: none">• Create a snapshot• CreateSnapshot
The public image Aliyun Linux 2 is released.	2019-03-27	Aliyun Linux 2
gn6i (GPU computing instance type family) is released.	2019-03-21	Instance type families
sccgn6 (GPU computing Super Computing Cluster (SCC) instance type family) is released.	2019-03-20	Instance type families
vgn5i (lightweight GPU computing instance type family) is released.	2019-03-19	Instance type families
The Reserved Instance (RI) feature is released.	2019-03-18	Reserved Instances
ECS instances support status change events and preemptible instances recycle alarm events.	2019-01-29	System events
The cloud assistant client supports the UK (London) region.	2018-12-31	Cloud assistant
Preemptible instances are billed by the second.	2018-12-17	Preemptible instances
Instance release protection is supported.	2018-12-14	Enable instance release protection

Feature	Release date	Documentation
The DescribeNetworkInterfaces API outputs the public IP address to which an ENI is attached.	2018-12-04	CancelSimulatedSystemEvents
Custom images can be created by using Packer.	2018-11-30	Use Packer to create a custom image
re4e (memory optimized instance type family with enhanced performance) is released.	2018-11-30	Instance type families
Subscription cloud disks can be created separately and attached to a Subscription instance.	2018-11-29	Create a Subscription cloud disk
Alibaba Cloud Deployment Set is released.	2018-11-16	Deployment set
The new generation FaaS f3 (VU9P) instance is released.	2018-10-31	Instance type families
Open API best practices of critical features are released.	2018-10-19	Create an instance by using the wizard
The t5 instance type family supports the unlimited feature.	2018-09-30	t5 unlimited instances
Instance metadata supports O&M system events.	2018-09-14	Metadata
The health status of ECS instances is displayed on the instance details page.	2018-09-14	View instance health status
The new generation GPU cloud host GN6 (V100 model) is released.	2018-09-12	Instance type families
Batch renewal of instances and batch purchase of historical instances are supported.	2018-09-07	Manual renewal
An interface for simulated events can be created and canceled.	2018-09-03	<ul style="list-style-type: none"> • CreateSimulatedSystemEvents • CancelSimulatedSystemEvents
Subscription instances can be converted to Pay-As-You-Go instances.	2018-09-01	Switching the billing method from Subscription to Pay-As-You-Go

Feature	Release date	Documentation
The O&M of instances to which local disks are attached is optimized.	2018-08-31	Local disks
The cloud assistant is supported in the ECS console.	2018-08-17	Cloud assistant
The Super Computing Cluster (SCC) is released.	2018-08-16	Super Computing Clusters
Images in qcow2 format can be imported.	2018-07-30	<ul style="list-style-type: none"> • Import custom images • ImportImage
Security group rules can be modified.	2018-07-25	Manage security group rules
Instances can be tagged when being created.	2018-07-20	Add a tag to resources
ebmc4 (computing ECS Bare Metal Instance type family) is released.	2018-07-18	Instance type families
The estimated time remaining can be displayed when a snapshot is created.	2018-07-17	Create a snapshot
Quota management is supported.	2018-07-15	Manage privileges and quotas
ESSD cloud disks (open beta test) are available in Zone G, China North 2 (Beijing).	2018-07-14	Cloud disks and Shared Block Storage
System logs and screenshots can be viewed.	2018-07-13	Console output and screenshot
The number of instances added in a security group and the number of security group rules can be modified by opening a ticket.	2018-07-10	Limits
ic5 (intensive computing instance type family) is released.	2018-07-09	Instance type families
System images can be set to Red Hat or other operating systems when an ECS instance is created.	2018-06-29	Create an instance by using the wizard
Cross-type configuration changes of Pay-As-You-Go instances in real time are supported.	2018-06-15	Instance type families that support instance type upgrades

Feature	Release date	Documentation
Subscription instances can be renewed on a weekly basis.	2018-06-12	Manual renewal
Security groups in a classic network can be cloned to a VPC in one click.	2018-06-06	Manage security groups
Phase II of active O&M is released.	2018-06-01	System events
The image compliance tool is released.	2018-05-28	Image compliance tool
ECS system events are migrated to CloudMonitor and can be queried.	2018-05-25	System events
The ECS instance launch template is added.	2018-05-11	Create a template
Pay-As-You-Go instances can be converted to Subscription instances.	2018-04-23	Switch from Pay-As-You-Go to Subscription billing
Subscription ECS instances can be renewed and their configurations can be changed after expiration.	2018-04-13	Renew for configuration downgrade
The ECS console provides a dashboard of instances and storage resources.	2018-04-01	Resource overview
The NGC GPU-accelerated container is released.	2018-03-28	Deploy an NGC on gn5 instances
The system event feature is released.	2018-03-26	System events
ECS Bare Metal Instance is released.	2018-03-14	ECS Bare Metal Instance and Super Computing Clusters
The ECS instance identifier feature is released.	2018-03-01	Instance identity
The interface of querying resource configuration upgrade/downgrade capabilities is added.	2018-02-10	DescribeResourcesModification
The number of days before a Subscription instance is released after its expiration is changed from 7 days to 15 days.	2018-02-07	Subscription
The resource creating and querying interface is opened.	2018-02-02	DescribeAvailableResource

Feature	Release date	Documentation
The "No fees for stopped VPC instances" feature is released.	2017-12-14	No fees for stopped VPC instances
The Elastic Network Interface (ENI) feature is released.	2017-12-08	ENI overview
FPGA cloud server f1 is released.	2017-12-02	Instance type families
The batch instance creating interface is opened.	2017-12-01	RunInstances
The ECS console supports real-time diagnosis.	2017-12-01	Self-diagnostic system
The Cloud Migration tool is released.	2017-11-27	Cloud Migration tool overview
Security group rules can be imported and exported.	2017-11-23	Manage security group rules
Subscription instances can have the auto-renew function disabled.	2017-11-23	ModifyInstanceAutoRenewAttribute
Pay-by-week instances can be created and renewed by using APIs.	2017-11-03	CreateInstance
RAM roles can be assigned to ECS instances.	2017-11-01	What is the RAM role of an instance
The public IP address of instances in a VPC can be converted to an Elastic IP (EIP).	2017-10-31	Change an ECS public IP address to an EIP
The preemptible instance is released.	2017-10-18	Preemptible instances
t5 (burstable instance) is released.	2017-10-09	Basic concepts
Fees for Pay-As-You-Go instances and cloud disks are calculated by the second and charged by the hour.	2017-09-29	Billing method comparison
gn5i (instance type family applicable for deep learning and online reasoning scenarios) is released.	2017-09-23	Instance type families
Cloud disk encryption is supported.	2017-09-05	ECS disk encryption
Security group quintuple rules are supported.	2017-08-31	Security group quintuple rules

Feature	Release date	Documentation
Instances in a classic network can be connected with instances in a VPC through ClassicLink.	2017-08-25	Network types
The Skylake-based processor and new generation ECS instance with high clock speed and local SSD instance for 25G networks are released.	2017-08-22	Instance type families
The bandwidth of instances can be changed by using an API.	2017-08-17	ModifyInstanceNetworkSpec
Custom images can be imported.	2017-08-10	Notes for importing images
Instances in a security group can be isolated from each other.	2017-07-07	Isolation of instances within a security group
APIs are released for the RAM roles of instances.	2017-05-26	Use the instance RAM role by calling APIs
The network-optimized instance is released.	2017-05-23	Instance type families
d1 (storage-intensive instance type family) is released.	2017-05-12	Instance type families
The default security group policy is modified to support ICMP and expose TCP (22) and TCP (3389) ports only.	2017-05-11	Security group overview
Security groups can be backed up, overwritten, and restored.	2017-05-10	Manage security group rules
SSH key pairs are available.	2017-04-25	SSH key pairs
The cloud-init tool supports some custom images.	2017-02-24	Install cloud-init for Linux images
i1 (high-I/O local ephemeral disk storage instance type family) is released.	2017-02-17	Instance type families
The system disk snapshot can be used to create data disks.	2017-02-15	Create a cloud disk by using a snapshot
gn4 (GPU computing instance type family) is released.	2017-02-14	Instance type families

Feature	Release date	Documentation
ga1 (GPU visualization instance type family) is released.	2017-01-24	Instance type families
se1 (exclusive instance type family) is released.	2017-01-21	Instance type families
Snapshot 2.0 is released.	2016-03-15	Snapshot overview
The system disk resizing feature is released.	2016-01-15	Resize a cloud disk offline
The image import feature is released .	2015-12-15	Import custom images
Security groups are supported in the ECS console.	2015-11-02	Create a security group
The image Marketplace is released.	2015-09-02	Marketplace images
The attach tag feature is released.	2015-08-20	Limits
The operating system of Pay-As-You-Go instances can be changed.	2015-08-13	Replace the system disk by using a public image
Images in a security group can be shared.	2015-05-15	Share images
Disks in a security group can be resized offline.	2015-04-20	Disk resizing overview
The image copying feature is released.	2015-01-26	Copy images
The independent cloud disk is released.	2014-08-22	What is block storage?