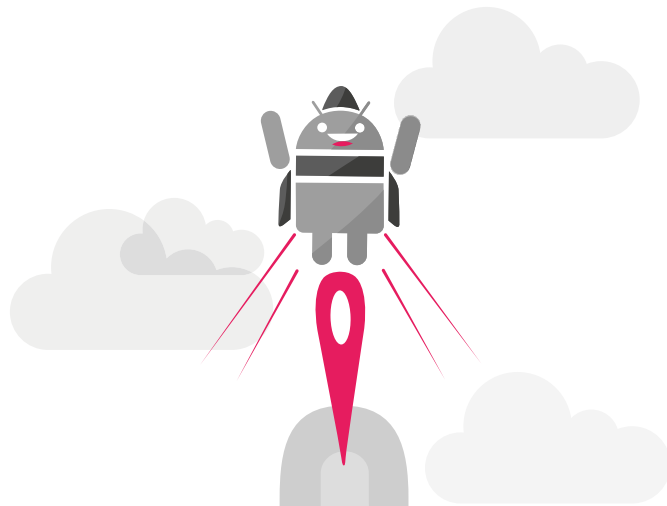
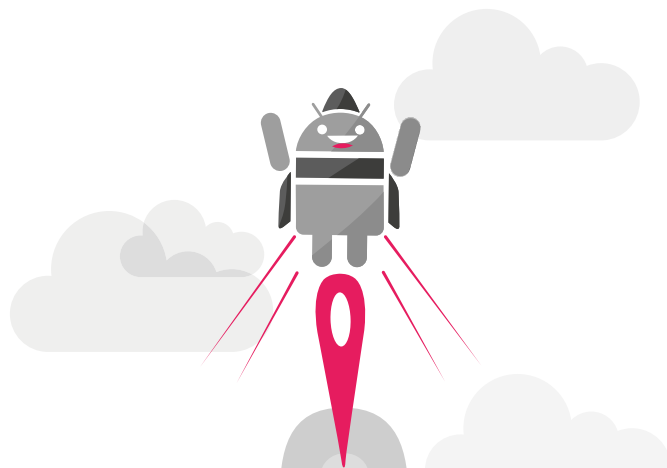


GENYMOTION^{OO} cloud



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cloud

Alibaba Cloud Quick Start Guide



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Android of Google Inc.

1. Select the version of Genymotion Cloud corresponding to the Android version of virtual devices you wish to run. You can run Genymotion virtual devices based on a Lollipop image (Android 5.1), a Marshmallow image (Android 6.0), a Nougat image (Android 7.0) or a Oreo image (Android 8.0).
2. Click **Choose your plan**.
3. Configure your virtual device:

Elastic Compute Service (ECS) | Basic | Custom

1 Basic Configurations (Required) — 2 Networking (Required) — 3 System Configurations — 4 Grouping — 5 Preview (Required)

Billing Method: Subscription | **Pay-As-You-Go**

Region: **US West 1 (Silicon Valley)** | Random | US West 1 Zone B | US West 1 Zone A

Instance Type: IO-Optimized Instance | vCPU: 2 vCPU | Memory: 4 GiB | Instance type: e.g. ecs.sn1ne.large

Architecture: **x86-Architecture** | Heterogeneous Computing | ECS Bare Metal Instance

Category: General Purpose | Compute Optimized | Memory Optimized | Big Data | Local SSD | High Clock Speed | Entry-Level (Shared) | **2 vCPU 4 GiB**

Family	Instance type	vCPU	Memory	Baseline performance	Physical processor	Clock speed	Intranet bandwidth	Packet forwarding rate	Local Storage (GPU/FPGA)
Network Enhanced	ecs.sn1ne.large	2 vCPU	4 GiB	-	Intel Xeon ES-2682v4 / Intel Xeon(Skylake) Platinum 8163	2.5 GHz	1 Gbps	300,000 PPS	-

1. In Elastic Compute Service (ECS) keep the Custom selection.
2. In **Billing Method**, select **Pay-As-You-Go**.
3. In **Region**, select your geographical area. The zone determines what computing resources are available and where your data is stored and used.
4. In **Instance type**, select the specifications of your machine. You can set the number of **vCPU** and **Memory** size to shorten the following available configurations. You can also set **Architecture** and **Category** preferences. Then select the desired instance type.

Image *

Public Image | Custom Image | Shared Image | **Marketplace Image**

Image Selected: **Genymotion Cloud: Android 8.0 (oreo) v5.0**

Reselect image

Once an ECS instance in this region is purchased. It does not allow the switch of OS between Linux and Windows. Select carefully.

Storage

System Disk: Ultra Cloud Disk 40 GiB

Ultra Cloud Disk | 40 | GiB 1240 IOPS

Guide to selecting SSD Cloud Disk/Ultra Cloud Disk/Basic Disk, For More Information>

Data Disk: 0/16

5. From the **Image** section, select **Marketplace Image**.

- From the **Storage** section, select the **System Disk** type and size. Minimum is 40GiB. Storage space is less expensive with Ultra Cloud Disk. SSD Cloud Disk is better for random IOPS or streaming throughput with low latency. It is unnecessary to add a **Data Disk**, because it won't be used in the instance.

Then click **Next: Networking**.

The screenshot shows the 'Networking' configuration step in the AWS console. It includes sections for VPC selection, Network Billing Method, Security Group, and Elastic Network Interface. The VPC is set to [Default]vpc-rj9y6e3ggqm23e864vdj and the VSwitch is [Default]vsw-rj9067mrcxr06mldxt92. The Network Billing Method is set to Assign public IP and PayByTraffic. The Security Group is set to MySecurityGroupName / sg-rj9fb341q9nmnj1bms. The Elastic Network Interface is set to vCPU value needs to >=4 to assign an ENI.

- From the **Networking** section, select the VPC linked to your Custom Security Group (see Part 9) and refresh with the *double arrow circle icon* to make sure it is selected.
- In **Network Billing Method**, check **Assign public IP**. You don't have to change the PayByTraffic value.
- In **Security Group**, select the custom Security Group you want to use. The default Security Group is incomplete and won't work.

If you don't already have a custom Security Group, click on **Create a Security Group**.

In the new tab, click on **Create Security Group**.

In the new window, select **Web Server Linux**,

Enter a name in **Security Group Name** and enter a description in **Description**.

In **Network type** select VPC, then in **VPC** select the available VPC and click **OK**.

When prompted, click on **Set the rules immediately**, then click **Add Security Group Rules**.

Create 3 rules containing the following information:

Rule 1

Protocol Type: Custom TCP

Port Range: 51000/51100

Authorization Type: 0.0.0.0/0

Description: webrtc

Rule 2

Protocol Type: Custom UDP
Port Range: 51000/51100
Authorization Type: 0.0.0.0/0
Description: webrtc

Rule 3

Protocol Type: Custom TCP
Port Range: 5555/5555
Authorization Type: 0.0.0.0/0
Description: adb

10. Then click **Next: System Configurations.**

The screenshot shows a progress bar at the top with five steps: 1. Basic Configurations (Required), 2. Networking (Required), 3. System Configurations (active), 4. Grouping, and 5. Preview (Required). Below the progress bar, there are three radio buttons for 'Log on Credentials': 'Key Pair' (selected), 'Password', and 'Set Later'. A 'Key Pair' dropdown menu is set to 'MyKeyPairName', with a link to 'Refer to | Create Key Pair'. Below this, there are three input fields: 'Instance Name' (with a placeholder 'If left blank, system date will be used by default.' and a note that the name can be 2 to 128 characters), 'Description' (with a note that it can be 2 to 256 characters and cannot start with http:// or https://), and 'Host' (with a placeholder 'Enter A Host Name' and a note for Linux-based systems that the name can be 2 to 30 characters). At the bottom, there is a link '> Advanced (based on instance RAM roles or cloud-init)'.

In **System Configurations**, section Log on Credentials, select **Key Pair** and select one if available. If you don't have a Key Pair, click **Create Key Pair** and follow the instructions. Then enter an **Instance Name** and a **Description**.

11. Then click **Next: Grouping.**

In **Grouping**, you may add Tags at your convenience.

The screenshot shows a progress bar at the top with five steps: 1. Basic Configurations (Required), 2. Networking (Required), 3. System Configurations, 4. Grouping (active), and 5. Preview (Required). Below the progress bar, there is a 'Tag' section with a tag icon. The text explains that tags are sorted by upper and lowercase key values, provides an example (key 'Name', value 'Webserver'), and lists constraints: tag name must be unique and under 64 characters, tag value can be blank but under 128 characters, and tag name/value cannot include 'Alibaba cloud' or start with https:// or http://. It also states that up to 5 tags can be created. An 'Add Tag' button is visible at the bottom.

12. Then click **Next: Preview**.

Basic Configurations (Required) Networking (Required) System Configurations Grouping **5 Preview (Required)**

Configurations Selected

Basic Configurations

Billing Method: Pay-As-You-Go Region: US West 1 Zone B Instance Type: Network Enhanced sn2ne / ecs.sn2ne.large(2vCPU 8GiB)

Quantity: 1 Units Image: Genymotion Cloud: Android 8.0 (oreo) v5.0 System Disk: Ultra Cloud Disk 40GiB

Networking

Network: VPC VPC: [Default]vpc-rj9y6e3ggqm23e864vdj/vpc-rj9y6e3ggqm23e864vdj VSwitch: [Default]vsw-rj9067mrcxr06mldxt92/vsw-rj9067mrcxr06mldxt92/172.20.192.0/20

Network Billing Method: PayByTraffic 5Mbps Security Group: MySecurityGroupName/sg-rj9b341q9nmngj1bms

System Configurations

Log on Credentials: Key Pair:MyKeyPairName

Save as launch template

Automatic Release Auto Release Schedule
This ECS instance will be released at the scheduled time

Terms of Service ECS Service Terms and Product Terms of Service | Image Product Terms of Use

In **Configurations Selected** you may save the selected configuration as launch template : click **Save as launch template**, then add a name and a description. Click **Save**.

In **Terms of Service** check the *ECS Service Terms*, then click **Create Instance**.

Activated

The instance takes about 1-5 minutes to be created. Click **Back** to continue buying or **Go to Console** to manage instances.

Back **Console**

In the **Activated** pop-up click **Console**.

13. Once the initial setup is done, the instance automatically starts. It can take up to two minutes before the instance can be accessed through the web browser.

14. From the management console, in **Instances**, select the instance you want to access.

15. From the **IP address** column copy the **Internet IP address** and paste it to your web browser.

A connection warning pops up. This happens because the certificate is auto-signed. Proceed and authenticate.

By default, the username is "genymotion" and the password is the **Instance ID** of the instance you can retrieve from column **Instance ID/Name**.

Select the instance attribute, or directly enter the keyword

Instance ID/Name	Tags	Monitor	Zone	IP Address	Status	Network Type
i-rj97tojat3v0eova6cwx			USA West 1 Zone B	47.254.39.47 (Internet IP Address)	Running	VPC
launch-advisor-2018062...				172.20.203.115 (Private IP Address)		
i-rj9i1jfn47dnzjzwwi8b			USA West 1 Zone B	47.254.66.5 (Internet IP Address)	Stopping	VPC
iZr9i1jfn47dnzjzwwi8b...				172.20.203.114 (Private IP Address)		

Start **Stop** **Restart** **Reset Password** **Switch to Subscription** **Release Setting** **More**