

First :

VSwitch

Name	Zone	IPv4 CIDR Block Suggestions on CIDR Block Configuration
Public-VSwitch 16/128	Riyadh Zone A	168 . 0 . 0 . 0 / 24 Make sure that at least three IP addresses are available.
Private-Vswitch 17/128	Riyadh Zone A	168 . 0 . 1 . 0 / 24 Make sure that at least three IP addresses are available.
Public-VSwitch 16/128	Riyadh Zone B	168 . 0 . 2 . 0 / 24 Make sure that at least three IP addresses are available.
Private-Vswitch 17/128	Riyadh Zone B	168 . 0 . 3 . 0 / 24 Make sure that at least three IP addresses are available.

[+ Add](#)

OK

Cancel

Then :

[UIA version](#)

← Create Security Group

Basic Information

Security Group Name:	SecGrp ⓘ	Description:	ⓘ
Network:	vpc-l4vg5qltfzz9fqbm62m9/Lab-VPC Create VPC	Resource Group:	Select C
Security Group Type:	Basic Security Group ⓘ	Tags:	Please select the ... : Please select the ...

2 instance created :

Create Instance

Auto Select an instance attribute or enter a keyword

Q

Tags

Advanced Search

<input type="checkbox"/>	Instance ID/Name	Tag	Monitoring	Zone	IP Address	Status	Network Type	Specifications	Billing Method	Actions
<input type="checkbox"/>	i-l4vgp5of09jk4aqrkdwl Public-ECS			Riyadh Zone B	8.213.26.75(Internet) 168.0.2.12(Private)	Running	VPC	2 vCPU 8 GiB (I/O Optimized) ecs.g6.large 1Mbps (Peak Value)	Pay-As-You-Go September 5, 2023 at 14:20(Time Zone: UTC + 3) Created	Manage Connect Change Instance Type More
<input type="checkbox"/>	i-l4v9mcb8raymwg9rfgpa Private-ECS			Riyadh Zone A	168.0.1.7(Private)	Running	VPC	2 vCPU 8 GiB (I/O Optimized) ecs.g6.large 0Mbps (Peak Value)	Pay-As-You-Go September 5, 2023 at 14:16(Time Zone: UTC + 3) Created	Manage Connect Change Instance Type More

☐

Start

Stop

Restart

Reset Instance Password

Renew

Switch to Subscription

Release

More

Total: 2 item(s), Per Page: 20 item(s) << < 1 > >>

```

Ubuntu 22.04.2 LTS iZ14v9mcb8raymwg9rfgpaZ tty1

iZ14v9mcb8raymwg9rfgpaZ login: root
Password:
Welcome to Ubuntu 22.04.2 LTS (GNU/Linux 5.15.0-73-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:        https://ubuntu.com/advantage

System information as of Tue Sep  5 07:21:53 PM CST 2023

System load:  0.0107421875   Processes:            121
Usage of /:   6.0% of 39.01GB Users logged in:             0
Memory usage: 4%            IPv4 address for eth0: 168.0.1.7
Swap usage:   0%

Expanded Security Maintenance for Applications is not enabled.

0 updates can be applied immediately.

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

The list of available updates is more than a week old.
To check for new updates run: sudo apt update

Welcome to Alibaba Cloud Elastic Compute Service !

root@iZ14v9mcb8raymwg9rfgpaZ:~#

```

Snat from private 100% pkt loss :

```
Welcome to Alibaba Cloud Elastic Compute Service !

root@iZ14v9mcb8raymwg9rfgpaZ:~# ping alibabacloud.sa
PING alibabacloud.sa (95.177.164.12) 56(84) bytes of data.
^C
--- alibabacloud.sa ping statistics ---
72 packets transmitted, 0 received, 100% packet loss, time 72708ms

root@iZ14v9mcb8raymwg9rfgpaZ:~# _
```

Snat from public IP :

```
root@iZ14v9mcb8raymwg9rfgpaZ:~# ping 168.0.2.12
PING 168.0.2.12 (168.0.2.12) 56(84) bytes of data.
64 bytes from 168.0.2.12: icmp_seq=1 ttl=64 time=0.828 ms
64 bytes from 168.0.2.12: icmp_seq=2 ttl=64 time=1.04 ms
64 bytes from 168.0.2.12: icmp_seq=3 ttl=64 time=0.991 ms
64 bytes from 168.0.2.12: icmp_seq=4 ttl=64 time=0.985 ms
64 bytes from 168.0.2.12: icmp_seq=5 ttl=64 time=0.983 ms
^C
--- 168.0.2.12 ping statistics ---
5 packets transmitted, 5 received, 0% packet loss, time 4013ms
rtt min/avg/max/mdev = 0.828/0.965/1.041/0.072 ms
root@iZ14v9mcb8raymwg9rfgpaZ:~# _
```

Ubuntu 22.04.2 LTS iZ14vgp5of09jk4aqrkdw1Z tty1

iZ14vgp5of09jk4aqrkdw1Z login: root

Password:

Welcome to Ubuntu 22.04.2 LTS (GNU/Linux 5.15.0-73-generic x86_64)

* Documentation: <https://help.ubuntu.com>
* Management: <https://landscape.canonical.com>
* Support: <https://ubuntu.com/advantage>

System information as of Tue Sep 5 07:29:09 PM CST 2023

System load:	0.013671875	Processes:	122
Usage of /:	6.4% of 39.01GB	Users logged in:	0
Memory usage:	4%	IPv4 address for eth0:	168.0.2.12
Swap usage:	0%		

Expanded Security Maintenance for Applications is not enabled.

0 updates can be applied immediately.

Enable ESM Apps to receive additional future security updates.
See <https://ubuntu.com/esm> or run: `sudo pro status`

The list of available updates is more than a week old.
To check for new updates run: `sudo apt update`

Welcome to Alibaba Cloud Elastic Compute Service !

root@iZ14vgp5of09jk4aqrkdw1Z:~# _

```
iZ14vgp5of09jk4aqrkdwlZ login: root
Password:
Welcome to Ubuntu 22.04.2 LTS (GNU/Linux 5.15.0-73-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

System information as of Tue Sep  5 07:29:09 PM CST 2023

System load:  0.013671875      Processes:            122
Usage of /:   6.4% of 39.01GB   Users logged in:     0
Memory usage: 4%              IPv4 address for eth0: 168.0.2.12
Swap usage:   0%

Expanded Security Maintenance for Applications is not enabled.

0 updates can be applied immediately.

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

The list of available updates is more than a week old.
To check for new updates run: sudo apt update

Welcome to Alibaba Cloud Elastic Compute Service !


root@iZ14vgp5of09jk4aqrkdwlZ:~# ping alibabacloud.sa
PING alibabacloud.sa (95.177.164.12) 56(84) bytes of data:
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=1 ttl=243 time=17.1 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=2 ttl=243 time=15.5 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=3 ttl=243 time=15.6 ms
^C
--- alibabacloud.sa ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 2003ms
rtt min/avg/max/mdev = 15.546/16.074/17.064/0.700 ms
root@iZ14vgp5of09jk4aqrkdwlZ:~# _
```

```

root@iZ14vgp5of09jk4aqrkdwl2:~# ping 168.0.2.12
PING 168.0.2.12 (168.0.2.12) 56(84) bytes of data.
64 bytes from 168.0.2.12: icmp_seq=1 ttl=64 time=0.020 ms
64 bytes from 168.0.2.12: icmp_seq=2 ttl=64 time=0.025 ms
64 bytes from 168.0.2.12: icmp_seq=3 ttl=64 time=0.026 ms
64 bytes from 168.0.2.12: icmp_seq=4 ttl=64 time=0.024 ms
64 bytes from 168.0.2.12: icmp_seq=5 ttl=64 time=0.025 ms
^C
--- 168.0.2.12 ping statistics ---
5 packets transmitted, 5 received, 0% packet loss, time 4075ms
rtt min/avg/max/mdev = 0.020/0.024/0.026/0.002 ms
root@iZ14vgp5of09jk4aqrkdwl2:~#

```

NAT Gateway (Pay-As-You-Go)

Region and Zone	<div>China Asia Pacific Europe and America Middle East</div> <div> <div>UAE (Dubai)</div> <div>SAU (Riyadh)</div> </div>
Zone	<div>Riyadh Zone A ▾</div> <div> <p>1. You can check the zones that provide the NAT gateway from the drop-down list.</p> <p>2. Enhanced NAT gateways support cross-zone deployment to achieve disaster recovery. By default, the zone that you selected serves as the primary zone.</p> </div>
VPC ID	<div>Lab-VPC/vpc-l4vg5qlitfz9fqbm62m9 ▾</div> <div> <p>If no VPC is available in the VPC ID drop-down list, the reason may be:</p> <p>1. No VPC exists in the selected region. ->Create VPC</p> <p>2. The RAM user is unauthorized to access VPCs. You must use your Alibaba Cloud account to grant the permissions to the RAM user.</p> </div>
VSwitch ID	<div>Private-VSwitch-A ▾ </div>

Gateway Type (Instance Fee)	<div>Enhanced</div> <div> <p>1. The bandwidth of enhanced NAT gateways is limited. For more information, see ->NAT Gateway Release Notes</p> <p>2. If this is the first time that you create an enhanced NAT gateway, use your Alibaba Cloud account to grant the permissions first. ->Authorize</p> <p>3. You can create multiple enhanced NAT gateways for each VPC.</p> </div>
Billing Method	<div>Pay by Actual Usage</div> <div> <p>Alibaba Cloud charges an instance fee and a CU fee for each NAT gateway.</p> <p>The instance fee is charged at a fixed unit price for each NAT gateway per hour.</p> <p>The CU fee is charged hourly and varies based on the number of concurrent connections, number of new connections, and total amount of data processed.</p> </div>

```
root@iZ14v9mcb8raymwg9rfgpaZ:~# ping alibabacloud.sa
PING alibabacloud.sa (95.177.164.12) 56(84) bytes of data.
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=1 ttl=243 time=21.5 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=2 ttl=243 time=20.6 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=3 ttl=243 time=20.3 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=4 ttl=243 time=19.7 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=5 ttl=243 time=20.1 ms
^C
--- alibabacloud.sa ping statistics ---
5 packets transmitted, 5 received, 0% packet loss, time 4004ms
rtt min/avg/max/mdev = 19.686/20.426/21.489/0.607 ms
root@iZ14v9mcb8raymwg9rfgpaZ:~# _
```