← Create VPC

VPC

Region

SAU (Riyadh)

* Name ❓

Lab-VPC   7/128 ✅

* IPv4 CIDR Block

We recommend that you use one of the private RFC CIDR blocks as the VPC CIDR block: `10.0.0.0/8` , `172.16.0.0/12` , and `192.168.0.0/16` .
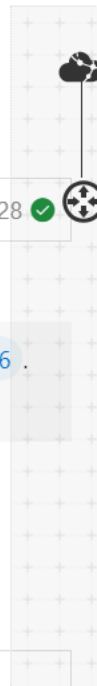Suggestions on CIDR Block Configuration

168.0.0.0/16

⚠ You cannot change the CIDR block after the VPC is created.

Description ❓

Archite

VSwitch

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

+ Add

ℹ For information about how to use prefix lists to simplify management of security group rules, see Use prefix lists to simplify management of security group rules. NEW

Security Group Rules

Instances in Security Group

ENIs in Security Group

∨ Basic Information

Security Group ID/Name：sg-l4v9mcb8raymwcbm6zk0/ SecGro

Security Group Type：Basic Security Group

Description：

Resource Group： - Add

Network：   vpc-l4vkc4c4f3ytbqbun5hpm

Internal Access Control Policy：Allow Set to Deny

Tags：

Access Rule   ⬆ Import Security Group Rule   ⬇ Export

Inbound   Outbound

| | Add Rule | Quick Add | 🔍 Search by port or authorization object | Not Merge ∨ |

	Action	Priority ⓘ	Protocol Type	Port Range ⓘ	Authorization Object ⓘ	Description	Creation Time	Actions
☐	✓ Allow	1	Custom TCP	Dest 22/22	Source 0.0.0.0/0		Sep 5, 2023, 14:07:45	Modify | Copy | Delete
☐	✓ Allow	1	All ICMP(IPv4)	Source -1/-1 Dest -1/-1	Source 0.0.0.0/0 Dest		Sep 5, 2023, 14:07:45	Modify | Copy | Delete
☐	Delete							

Instances

**Create Instance** | Auto ▼ | Select an instance attribute or enter a keyword 🔍 | Tags

Advanced Search | ↻ | ⬇ | ⚙

☐	Instance ID/Name	Tag	Monitoring	Zone ▽	IP Address	Status ▽	Network Type ▽	Specifications	Billing Method ▽	Actions
☐	i-l4v9mcb8raymwg9rfh31 Public-ECS	🏷 🐧	📈	Riyadh Zone B	8.213.26.201(Internet) 168.0.2.156(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 ▼
☐	i-l4v9mcb8raymwg9rfgox Private-ECS	🏷 🐧	📈	Riyadh Zone A	168.0.1.42(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 iZl4v9mcb8raymwg9rfgoxZ tty1

iZl4v9mcb8raymwg9rfgoxZ 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 07:21:42 PM CST 2023

  System load:  0.00927734375     Processes:              124
  Usage of /:   6.0% of 39.01GB   Users logged in:        0
  Memory usage: 3%                IPv4 address for eth0:  168.0.1.42
  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@iZl4v9mcb8raymwg9rfgoxZ:~# _
```

```
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
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  System load:  0.00927734375      Processes:               124
  Usage of /:   6.0% of 39.01GB    Users logged in:         0
  Memory usage: 3%                 IPv4 address for eth0: 168.0.1.42
  Swap usage:   0%


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Welcome to Alibaba Cloud Elastic Compute Service !

root@iZl4v9mcb8raymwg9rfgoxZ:~# ping alibabacloud.sa
PING alibabacloud.sa (95.177.164.12) 56(84) bytes of data.
^C
--- alibabacloud.sa ping statistics ---
71 packets transmitted, 0 received, 100% packet loss, time 71677ms

root@iZl4v9mcb8raymwg9rfgoxZ:~#
```

```
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@iZl4v9mcb8raymwg9rfgoxZ:~# ping alibabacloud.sa
PING alibabacloud.sa (95.177.164.12) 56(84) bytes of data.
^C
--- alibabacloud.sa ping statistics ---
71 packets transmitted, 0 received, 100% packet loss, time 71677ms

root@iZl4v9mcb8raymwg9rfgoxZ:~# ping 168.0.2.156
PING 168.0.2.156 (168.0.2.156) 56(84) bytes of data.
64 bytes from 168.0.2.156: icmp_seq=1 ttl=64 time=1.20 ms
64 bytes from 168.0.2.156: icmp_seq=2 ttl=64 time=1.25 ms
64 bytes from 168.0.2.156: icmp_seq=3 ttl=64 time=1.20 ms
64 bytes from 168.0.2.156: icmp_seq=4 ttl=64 time=1.19 ms
64 bytes from 168.0.2.156: icmp_seq=5 ttl=64 time=1.18 ms
64 bytes from 168.0.2.156: icmp_seq=6 ttl=64 time=1.15 ms
64 bytes from 168.0.2.156: icmp_seq=7 ttl=64 time=1.17 ms
64 bytes from 168.0.2.156: icmp_seq=8 ttl=64 time=1.16 ms
64 bytes from 168.0.2.156: icmp_seq=9 ttl=64 time=1.14 ms
64 bytes from 168.0.2.156: icmp_seq=10 ttl=64 time=1.15 ms
64 bytes from 168.0.2.156: icmp_seq=11 ttl=64 time=1.14 ms
64 bytes from 168.0.2.156: icmp_seq=12 ttl=64 time=1.14 ms
```

```
Ubuntu 22.04.2 LTS iZl4v9mcb8raymwg9rfh31Z tty1

iZl4v9mcb8raymwg9rfh31Z 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 07:28:55 PM CST 2023

  System load:  0.02294921875      Processes:               117
  Usage of /:   6.4% of 39.01GB    Users logged in:         0
  Memory usage: 3%                 IPv4 address for eth0: 168.0.2.156
  Swap usage:   0%


Expanded Security Maintenance for Applications is not enabled.

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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@iZl4v9mcb8raymwg9rfh31Z:~#
```

```
Welcome to Alibaba Cloud Elastic Compute Service !

root@iZl4v9mcb8raymwg9rfh31Z:~# 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=17.2 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=15.8 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=4 ttl=243 time=16.0 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=5 ttl=243 time=15.9 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=6 ttl=243 time=16.1 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=7 ttl=243 time=15.9 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=8 ttl=243 time=16.0 ms
^C
--- alibabacloud.sa ping statistics ---
8 packets transmitted, 8 received, 0% packet loss, time 7009ms
rtt min/avg/max/mdev = 15.498/16.045/17.231/0.482 ms
root@iZl4v9mcb8raymwg9rfh31Z:~# _
```

```
root@iZl4v9mcb8raymwg9rfh31Z:~# ping 168.0.2.156
PING 168.0.2.156 (168.0.2.156) 56(84) bytes of data.
64 bytes from 168.0.2.156: icmp_seq=1 ttl=64 time=0.043 ms
64 bytes from 168.0.2.156: icmp_seq=2 ttl=64 time=0.025 ms
64 bytes from 168.0.2.156: icmp_seq=3 ttl=64 time=0.025 ms
64 bytes from 168.0.2.156: icmp_seq=4 ttl=64 time=0.025 ms
64 bytes from 168.0.2.156: icmp_seq=5 ttl=64 time=0.026 ms
^C
--- 168.0.2.156 ping statistics ---
5 packets transmitted, 5 received, 0% packet loss, time 4103ms
rtt min/avg/max/mdev = 0.025/0.028/0.043/0.007 ms
root@iZl4v9mcb8raymwg9rfh31Z:~#
```

Region and Zone	China	Asia Pacific	Europe and America	Middle East

UAE (Dubai)

SAU (Riyadh)

Zone

Riyadh Zone A ▼

1. You can check the zones that provide the NAT gateway from the drop-down list.
2. Enhanced NAT gateways support cross-zone deployment to achieve disaster recovery. By default, the zone that you selected serves as the primary zone. You do not need to specify the secondary zone.

VPC ID

Lab-VPC/vpc-l4vkc4c4f3ytbqbun5hpm ▼

If no VPC is available in the VPC ID drop-down list, the reason may be:
1. No VPC exists in the selected region. >>Create VPC
2. The RAM user is unauthorized to access VPCs. You must use your Alibaba Cloud account to grant the permissions to the RAM user.

VSwitch ID

Private-VSwitch-A ▼

Gateway Type (Instance Fee)

Enhanced

1. The bandwidth of enhanced NAT gateways is limited. For more information, see >>NAT Gateway Release Notes
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
3. You can create multiple enhanced NAT gateways for each VPC.

Billing Method

Pay by Actual Usage

Alibaba Cloud charges an instance fee and a CU fee for each NAT gateway.
The instance fee is charged at a fixed unit price for each NAT gateway per hour.
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 by the NAT gateway.
For more information, see Billing.

Total Configuration Cost **SAR 0.390** /Hour

View Detail ⌄

Buy Now

	Instance ID/Name	Tags	Monitor	Specification/Type	VPC ID/Name	VSwitch	Actions
☐	ngw-l4v8kxb4u77mmanytk4k7 - Pending Configuration	🏷	📈	- Enhanced	vpc-l4vkc4c4f3ytbqbun5hpm Lab-VPC	vsw-l4vax2tdchiwz1v0qny10 Private-VSwitch-A	Manage Configure DNAT Configure SNAT ⋮

```
--- 168.0.2.156 ping statistics ---
44 packets transmitted, 44 received, 0% packet loss, time 43048ms
rtt min/avg/max/mdev = 1.131/1.156/1.254/0.021 ms
root@iZl4v9mcb8raymwg9rfgoxZ:~# 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=19.2 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=2 ttl=243 time=18.7 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=3 ttl=243 time=17.9 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=4 ttl=243 time=18.2 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=5 ttl=243 time=18.6 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=6 ttl=243 time=17.9 ms
^C
--- alibabacloud.sa ping statistics ---
6 packets transmitted, 6 received, 0% packet loss, time 5007ms
rtt min/avg/max/mdev = 17.901/18.405/19.171/0.448 ms
root@iZl4v9mcb8raymwg9rfgoxZ:~#
```