

9.

Tutorials

Reports

VPC Basics and Exercises

00 : 28 : 55

End Exercise

Huawei Cloud Exercise Account

Log in using an exercise account

Account: Sandbox-Voyager20364

Username: sandbox-user

Password: \*\*\*\*\*

LOGIN

Forgot password

REGISTER

Forgot password

2 Overview

2.1 About This Exercise

A Virtual Private Cloud (VPC) is a private and isolated virtual network created on Huawei Cloud. This exercise describes how to create VPCs (basic configurations), configure security groups and network ACLs (security configurations), enable communications between VPCs, and allow Internet access for resources in a VPC (connectivity configurations).

Console

Subnets-Console

console.huaweicloud.com/vpc/?agencyId=802af652d8ce489b617bca49c15e498&region=ap-southeast-3&locale=en-us#/vpc/subnets

HUAWEI CLOUD

Console

AP-Singapore

Search for...

More

EN

Sandbox-Voyager20364

sandbox-user

Network Console

Overview

Self-service

Troubleshooting

Favorites

Virtual Private Cloud

My VPCs

Subnets

Network Interfaces

Route Tables

VPC Peering Connections

Access Control

Network ACLs

Security Groups

IP Address Groups

Cloud Firewall

Internet Access

EIPs

EIP Pools

Shared Bandwidths

Shared Data Packages

Subnets

Export

VPC ID: 13735a8b-7090-49cb-bffa-1b9d15ab85f

NameID	VPC	IPv4 ...	IP...	SL...	Netw...	Route...	Owner Project ID
subnet-01	vpc-01	192.168.0...	Enable IPv6	Availa...	Associate	Default	6fb623b39520459881d3ec4c
subnet-02	vpc-01	192.168.1...	Enable IPv6	Availa...	Associate	Default	6fb623b39520459881d3ec4c

Total Records: 2 Selected: 0

15.

Tutorials

Reports

VPC Basics and Exercises

00 : 25 : 37

End Exercise

Huawei Cloud Exercise Account

Log in using an exercise account

Account: Sandbox-Voyager20364

Username: sandbox-user

Password: \*\*\*\*\*

LOGIN

Forgot password

REGISTER

Forgot password

2 Overview

2.1 About This Exercise

A Virtual Private Cloud (VPC) is a private and isolated virtual network created on Huawei Cloud. This exercise describes how to create VPCs (basic configurations), configure security groups and network ACLs (security configurations), enable communications between VPCs, and allow Internet access for resources in a VPC (connectivity configurations).

Console

Security Groups-Console

console.huaweicloud.com/vpc/?agencyId=802af652d8ce489b617bca49c15e498&region=ap-southeast-3&locale=en-us#/vpc/secGroups/SGDetail/ingress?instanceId=---

HUAWEI CLOUD

Console

AP-Singapore

Search for...

More

EN

Sandbox-Voyager20364

sandbox-user

sg-test

Import Rule

Export Rule

Summary

Inbound Rules

Outbound Rules

Associated Instances

Tag

Some security group rules may not be applied for cloud servers with certain specifications. [Learn more](#)

If the source is set to 0.0.0.0/0 or ::, then all external IP addresses are either allowed or denied to access your instances, depending on if the action is Allow or Deny. If the access is allowed, exposing high-risk ports, such as port 22, 3389, or 8848, to the public network will leave your instances vulnerable to network intrusions, service interruptions, data leakage, or ransomware attacks. You should only configure known IP addresses for the security group rule.

Add Rule

Fast-Add Rule

Delete

Allow Common Ports

Batch Selection

More

Inbound Rules: 0

[View Security Group Configuration Examples](#)

Select a property or enter a keyword.

Priority	Status	Action	Type	Protocol & Port	Source	Description	Last Modified	Operation
No Security Group Rules available.								

Add Rule now. [Learn more](#)



lab.huaweicloud.com/intl/en-us/experimentalStudy\_snbvsetczt\_1880\_0\_1759401980274

Tutorials Reports VPC Basics and Exercises 00:05:09 End Exercise

**Huawei Cloud Exercise Account**

Log In using an exercise account

Account: Sandbox-Voyager20364

Username: sandbox-user

Password: \*\*\*\*\*

Specifications: General computing, s6.small.1  
Image: Public image, CentOS 7.9 64bit(40GB)  
Network: vpc-01, subnet-01  
Security Group: sg-test  
EIP: Not required  
ECS Name: ecs-vpcbasic-01  
Login Mode: Password  
Enter the password **Huawei@1234**, which will be used to log in to the ECS.  
Retain the default values for other parameters, confirm the configurations, select **Agreement** and click **Submit**.

CentOS Linux 7 (Core)  
Kernel 3.10.0-1160.119.1.el7.x86\_64 on an x86\_64  
ecs-vpcbasic-02 login: root  
Password:  
Welcome to Huawei Cloud Service  
[root@ecs-vpcbasic-02 ~]#

ecs-vpcbasic-02 - Google Chrome

A security group is important because it acts like a virtual firewall that protects your servers from unwanted access. It controls what type of traffic can enter or leave your ECS, keeping your resources safe from hackers. By setting rules, you can allow only trusted connections and block harmful ones. This helps improve security while still allowing your applications to work properly.