

03 Laboratory Exercise 1 – ARG (Network Technology)

Create a Linux ECS

Tutorials Reports Compute Services Practice

01 : 44 : 14 End Exercise

Huawei Cloud Exercise Account

Log in using an exercise account

Account: Sandbox-Voyager11105

Username: Sandbox-user

Password: *****

parameters the same as creating the Windows ECS, except for ECS Name, Image, and Login Mode (choose Password, EIP: Auto assign).
Image: Public image, CentOS, CentOS 7.6 64-bit

1.2 Logging In to an ECS

Step 1 On the Elastic Cloud Server page, you can view the ECS AZ and its status. Click Remote Login in the Operation column on the right.

Console

Elastic Cloud Server - Console

console.huaweicloud.com/ecm/?agencyId=b5108afd3e684c26b74e765475592501®ion=ap-southea...

HUAWEI CLOUD Console

We recommend one of the following browsers: Google Chrome 93+, Mozilla Firefox 91+, Microsoft Edge 93+ Learn more

Configuration Summary

Billing Mode	Region	AZ	Flavor
Pay-per-use	AP-Singapore	Random	General computing x6.large.2 2 VCPUs 4 ...
Image	Host Security	System Disk	VPC
CentOS 7.6 64bit	Basic edition enabled One-month free trial	General Purpose SSD, 40 GB	vpc-WP(192.168.0.0/16)
Primary NIC	Source/Destination Check	Security Group	EIP
subnet-WP(192.168.0.0/24)	Enable	default	Dynamic EGP Traffic 1 Mbit/s
ECS Name	Login Mode	Tag	Cloud Eye
ecs-linux	Password	—	Detected monitoring enabled Free
Deletion Time	Quantity	—	
—	1		

Agreement

☐ I have read and agree to Image Disclaimer.

Purchase Details

Price ¥0.5156/hour + EIP Traffic Price ¥0.815/hour

Create

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Cloud Server Console

Elastic Cloud Server

Overview

Events

Troubleshooting

My ECSs: AP-Singapore (2)

Start Stop Restart Reset Password More Export

Search or filter by name.

Name/ID	Monitor	Sk...	Status	AZ	Specifications/Image	OS Type	L...	B...
ecs-linux	6305eed-0968-4127...		Running	AZ3	2 VCPUs 4 GB x6.large.2 CentOS 7.6 64bit	Linux	1...	Pay...
ecs-windows	29605d2-4301-4b62...		Running	AZ3	2 VCPUs 4 GB x6.large.2 WinServer Windows Server...	Windows	1...	Pay...

Total Records: 2

Lab 3.2

Type: System disk image

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End Exercise

Huawei Cloud Exercise Account

Log in using an exercise account

Account Sandbox-Voyager11105

Username Sandbox-user

Password *****

Step 4 Confirm the settings. Then, select I have read and agree to the Image Disclaimer and click Submit.

Console

Image Management Service

console.huaweicloud.com/ecm/?agencyId=b5108afd3e784c26b74e765475592501®ion=ap-southeast-3&...

HUAWEI CLOUD Console

Image Type and Source

Region AP-Singapore

Type Create Image

Image Type System disk image

Source ECS

Only ECSs in the running or stopped state can be used to create private images.
Before creating an image, configure and optimize the ECS. Ensure Cloud-init is installed if the ECS runs Windows. Learn more.
Do not perform any operation on the selected ECS or associated resources when an image is being created.

Name	OS	Status	Private IP Address	Created
ecs-linux	CentOS 7.6 64bit	Running	192.168.0.80	Oct 04, 2024 09:52:42
ecs-windows	Windows Server 2012 R2	Running	192.168.0.240	Oct 04, 2024 09:45:56

Selected: ecs-linux | OS: CentOS 7.6 64bit | System Disk: General Purpose SSD | 40 GiB

Next

Name: image centos7.6

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End Exercise

Huawei Cloud Exercise Account

Log in using an exercise account

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Username Sandbox-user

Password *****

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Console

Image Management Service

console.huaweicloud.com/ecm/?agencyId=b5108afd3e784c26b74e765475592501®ion=ap-southeast-3&...

HUAWEI CLOUD Console

Image Information

Encryption Unencrypted

Name image-centos7.6

Tag

Description

Agreement ☐ I have read and agree to the [Statement of Constraints to Image Creation and Image Disclaimer](#).

Next

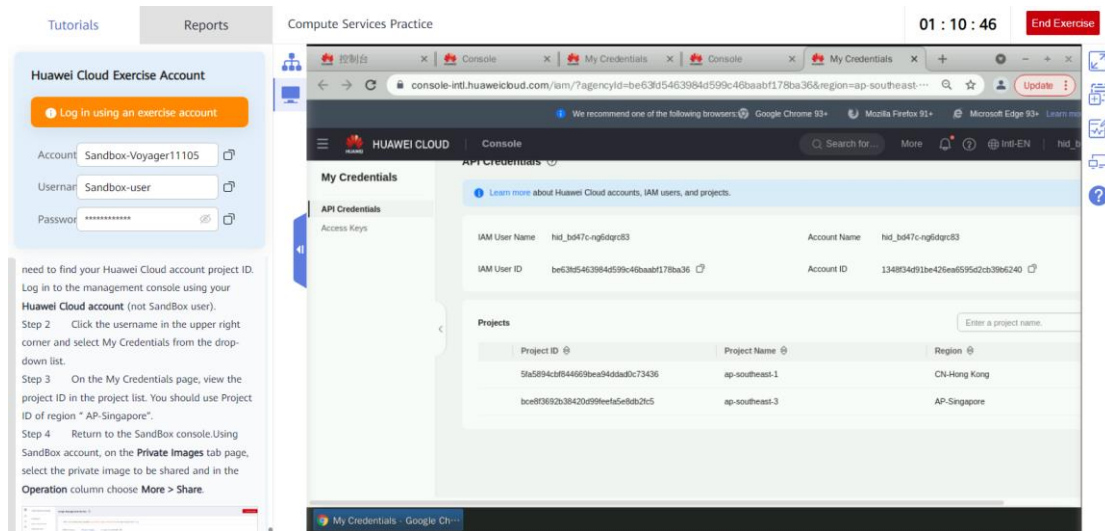
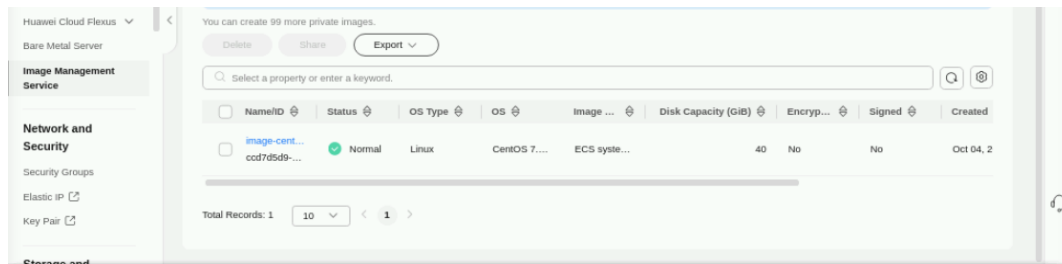
HUAWEI CLOUD Console

Create Image

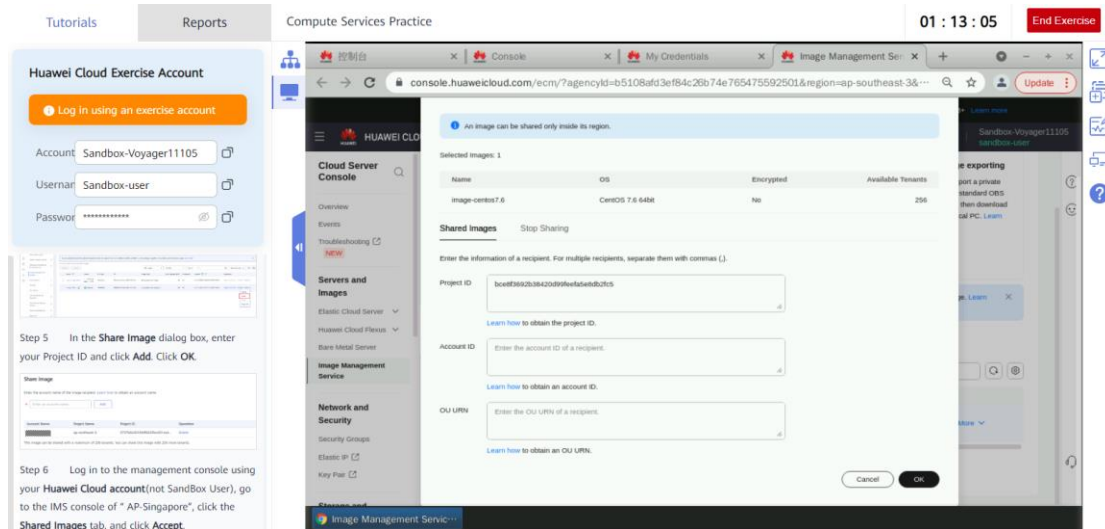
Details

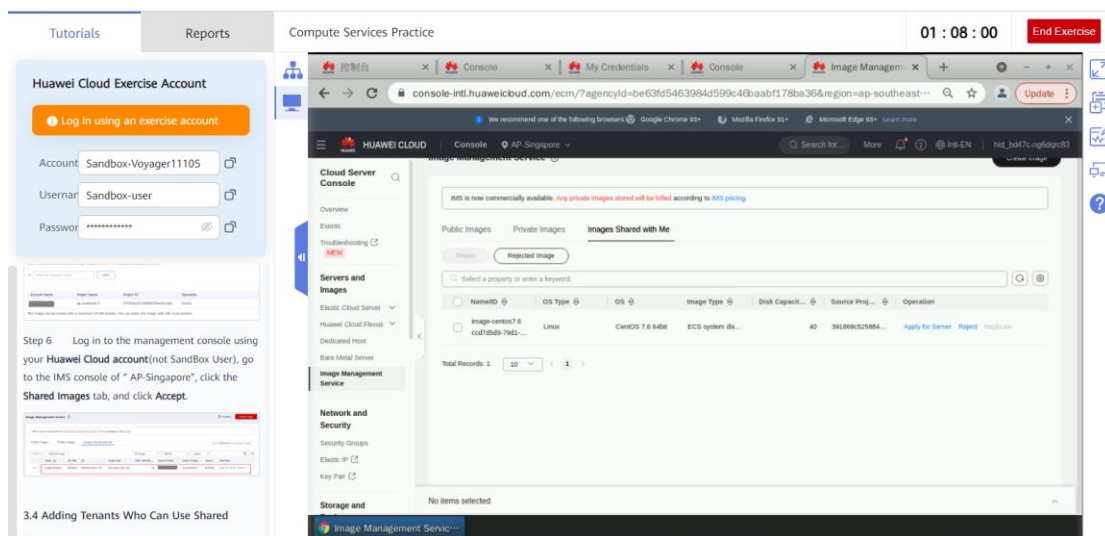
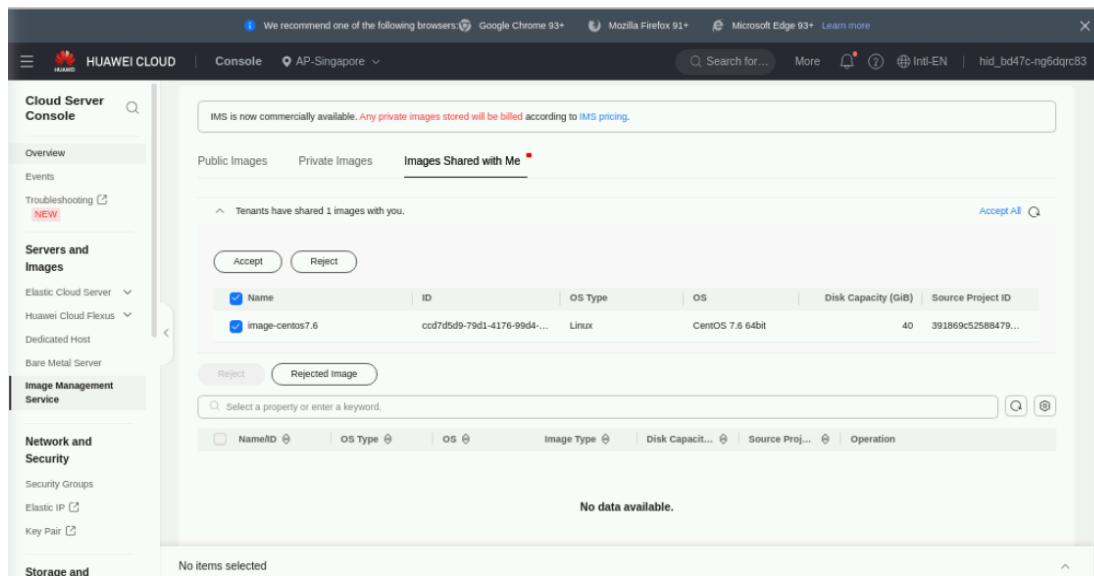
Resource	Configuration	Quantity
System disk image	<div>Region AP-Singapore</div> <div>Name image-centos7.6</div> <div>Source ECS (ecs-linux)</div>	1

Step 5 Of Lab 3.2



Step 5 of 3.3





In exactly four (4) sentences, discuss the benefit of using Image Management Service. (10 points)

Using an Image Management Service on Huawei Cloud improves operational efficiency by offering a centralized platform for handling images used in different applications and services. This service helps streamline deployment by allowing users to quickly launch virtual machines with pre-configured images, cutting down on setup time and ensuring uniformity across environments. It also improves security by managing access to images and supporting best practices in image lifecycle management. In summary, this service helps organizations make better use of resources and simplify their cloud operations, promoting agility in a fast-changing technology environment.