

KOMPUTASI AWAN

Tugas 3

Oleh:

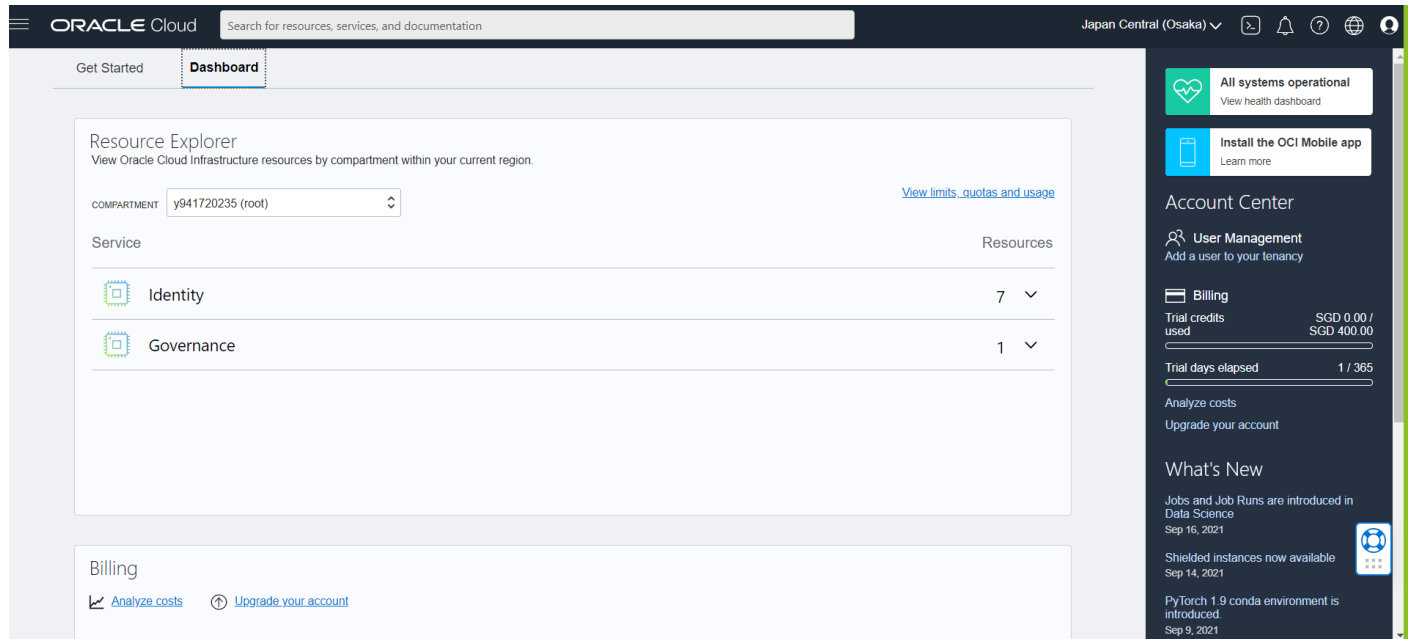
HIDAYATULLAH IBRAHIM SYAIFUL NIM. 1941720235



**PROGRAM STUDI TEKNIK INFORMATIKA
JURUSAN TEKNOLOGI INFORMASI
POLITEKNIK NEGERI MALANG**

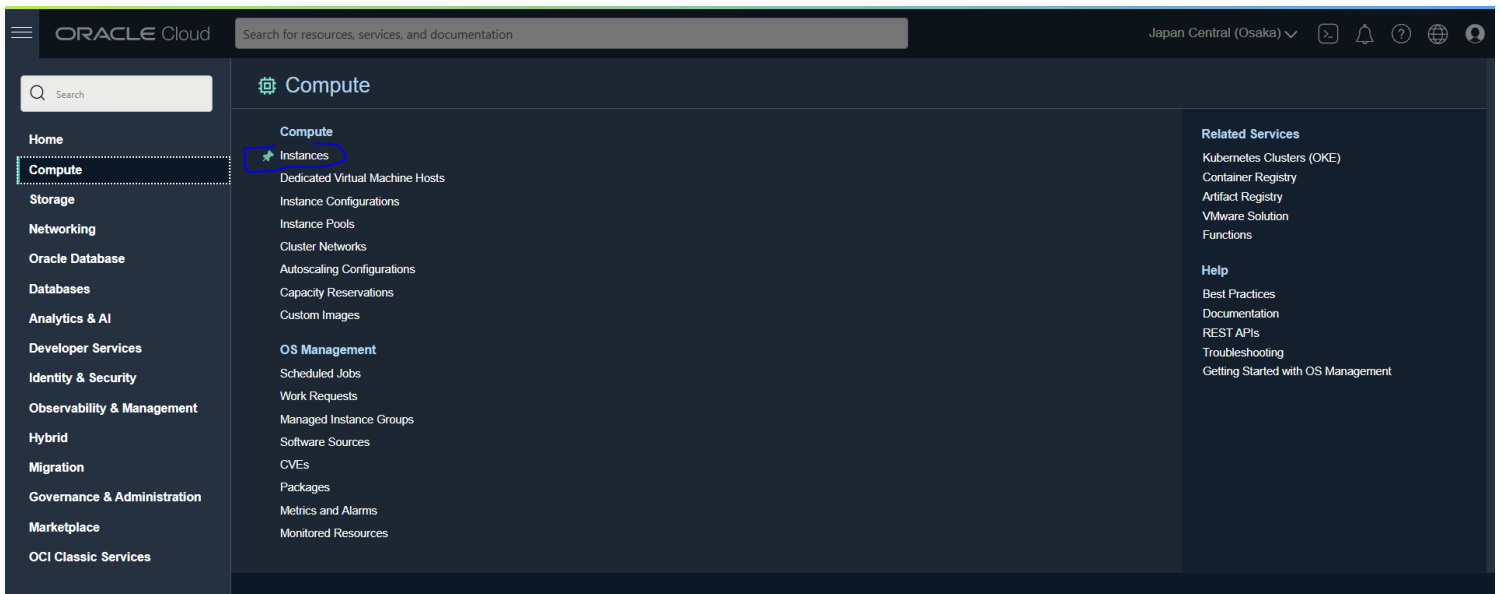
Langkah 1

Silakan login ke akun Oracle Cloud Anda masing-masing melalui tautan ini
<https://www.oracle.com/cloud/sign-in.html>



Langkah 2

Setelah berhasil login dan ada di beranda Oracle Cloud akun Anda, silakan pilih menu di pojok kiri atas, lalu pilih menu Compute > Instances



Langkah 3

Pilih Create instance untuk membuat VM baru. Pada gambar berikut akan tampil nama, status, dll terkait VM yang pernah kita buat. Jika belum ada, berarti VM belum pernah dibuat

Compute

Instances

- Dedicated Virtual Machine Hosts
- Instance Configurations
- Instance Pools
- Cluster Networks
- Autoscaling Configurations
- Capacity Reservations
- Custom Images

List Scope

Compartment

y941720235 (root)

Filtering

State

Any state

Instances in y941720235 (root) Compartment

The [Compute service](#) helps you provision VMs and bare metal instances to meet your compute and application requirements. An [instance](#) is a compute host. Choose between virtual machines (VMs) and bare metal instances. The image that you use to launch an instance determines its operating system and other software.

Create instance

Name	State	Public IP	Private IP	Shape	OCPU count	Memory (GB)	Availability domain	Fault domain	Created
No items found.									

Showing 0 items 1 of 1

Langkah 4

Create compute instance

Create an instance to deploy and run applications, or save as a reusable Terraform stack for creating an instance with Resource Manager.

Name

vm-ubuntu

Create in compartment

y941720235 (root)

Placement

Availability domain: AD-1 **Always Free-eligible** Capacity type: On-demand capacity

Fault domain: Let Oracle choose the best fault domain

Image and shape

Image: Oracle Linux 7.9

Image build: 2021.10.20-0

Shape: VM Standard E2.1 Micro **Always Free-eligible**

OCPU count: 1

Memory (GB): 1

Network bandwidth (Gbps): 0.48

Networking

Create Save as stack Cancel


Image and shape

[Collapse](#)

A [shape](#) is a template that determines the number of CPUs, amount of memory, and other resources allocated to an instance. The image is the operating system that runs on top of the shape.

Image



Canonical Ubuntu 20.04 
Image build: 2021.10.15-0

[Change image](#)

Shape



VM.Standard.E2.1.Micro Always Free-eligible
Virtual machine, 1 core OCPU, 1 GB memory, 0.48 Gbps network bandwidth

[Change shape](#)[Show advanced options](#)

Networking

[Edit](#)

Virtual cloud network: vcn-20211104-1615

Subnet: subnet-20211104-1615

Launch options: -

Use network security groups to control traffic: No

Assign a public IPv4 address: Yes

DNS record: Yes

Add SSH keys

Generate an [SSH key pair](#) to connect to the instance using a Secure Shell (SSH) connection, or upload a public key that you already have.

☒ Generate a key pair for me ☐ Upload public key files (.pub) ☐ Paste public keys ☐ No SSH keys



Download the private key so that you can connect to the instance using SSH. It will not be shown again.

✓ Save Private Key

↓ Save Public Key

Today (11)

ssh-key-2021-11-04.key

Boot volume

A [boot volume](#) is a detachable device that contains the image used to boot the compute instance.

☐ Specify a custom boot volume size
[Volume performance](#) varies with volume size. Default boot volume size: 46.6 GB. When you specify a custom boot volume size, service limits apply.

☒ Use in-transit encryption
[Encrypts data](#) in transit between the instance, the boot volume, and the block volumes.

☐ Encrypt this volume with a key that you manage
By default, Oracle manages the keys that encrypt this volume, but you can choose a key from a vault that you have access to if you want greater control over [my own encryption keys?](#)

[Show advanced options](#)[Create](#)[Save as stack](#)[Cancel](#)

ORACLE Cloud Search for resources, services, and documentation Japan Central (Osaka)

Compute » Instances » Instance details » Work requests

vm-ubuntu1 Always Free

Start Stop Reboot Edit More Actions

Instance information Shielded Instance Oracle Cloud Agent Tags

General information

Availability domain: AD-1
 Fault domain: FD-1
 Region: ap-osaka-1
 OCID: ...e6p65g Show Copy
 Launched: Thu, Nov 4, 2021, 09:43:20 UTC
 Compartment: y941720235 (root)
 Capacity type: On-demand

Instance details

Virtual cloud network: vcn-20211104-1615
 Maintenance reboot: -
 Image: Canonical-Ubuntu-20.04-2021.10-15-0

Instance access

The instance must be running before you can connect to it.
 Public IP address: 140.83.61.80 Copy
 Username: ubuntu

Primary VNIC

Private IP address: 10.0.0.225
 Network security groups: None Edit ⓘ
 Subnet: subnet-20211104-1615
 Private DNS record: Enable
 Hostname: vm-ubuntu1
 Internal FQDN: vm-ubuntu1... Show Copy

Launch options

Create instance

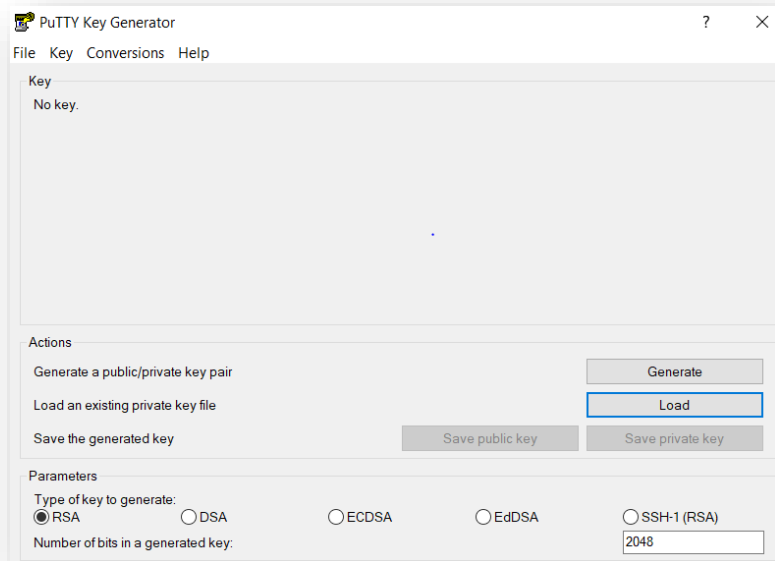
Name	State	Public IP	Private IP	Shape	OCPU count	Memory (GB)	Availa
<a>vm-ubuntu1 Always Free	● Running	140.83.61.80	10.0.0.225	VM.Standard.E2.1.Micro	1	1	AD-1

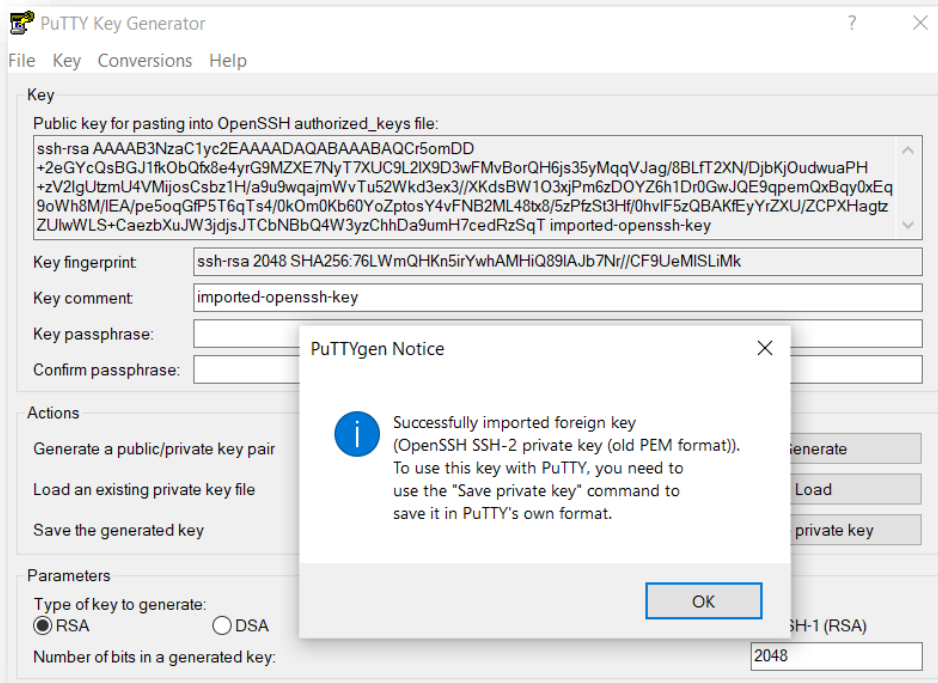
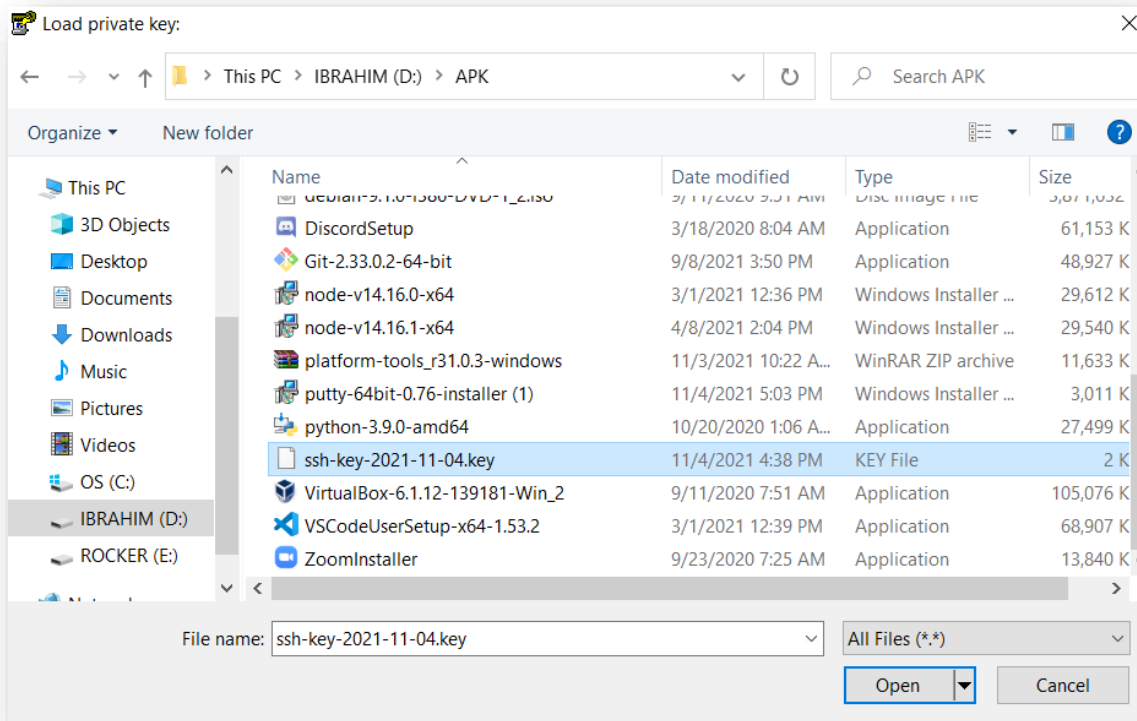
Tugas

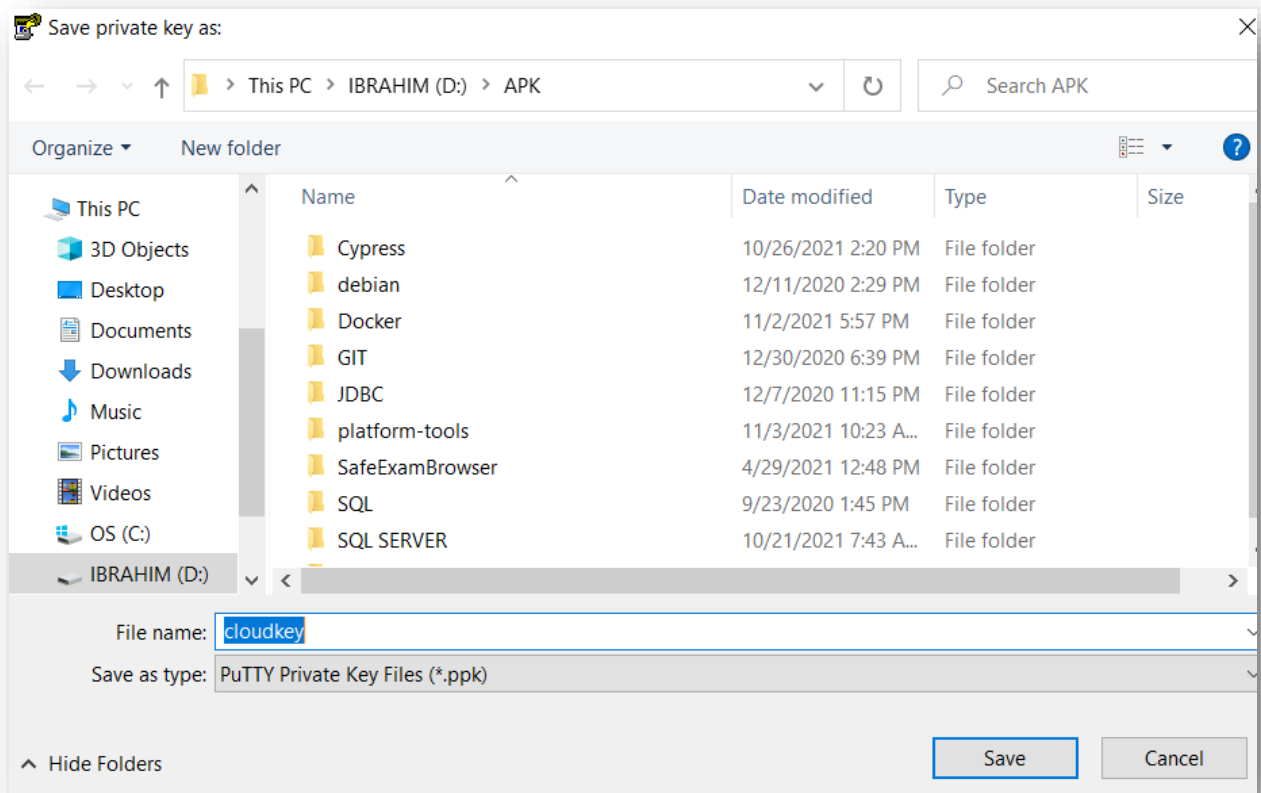
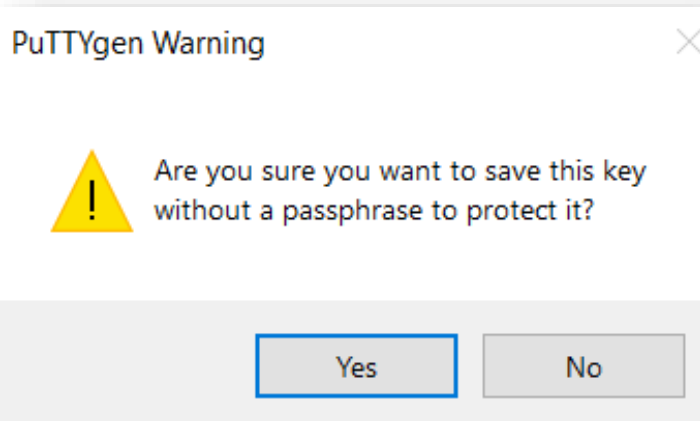
Untuk menghubungkan instance dari sebuah Linux dari System Windows menggunakan Putty.

- File kunci pribadi SSH yang dihasilkan oleh Oracle Cloud Infrastructure tidak kompatibel dengan Putty. Jika Anda menggunakan file kunci pribadi yang dihasilkan selama proses pembuatan instance, Anda perlu mengonversi file ke file .ppk sebelum Anda dapat menggunakannya dengan Putty untuk terhubung ke instance.

Langkah untuk Convert a generated .key private key file:

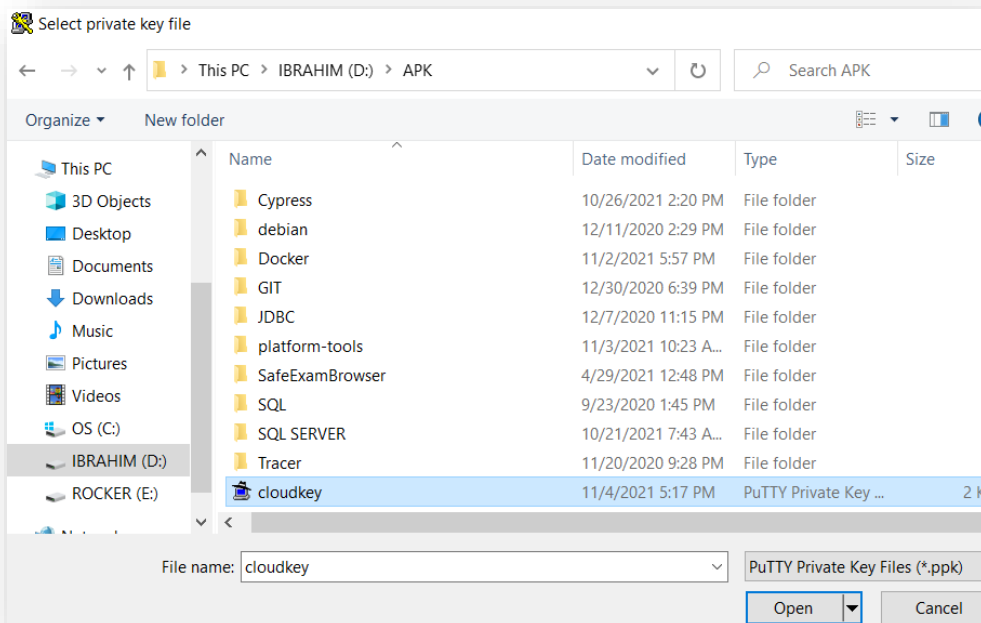
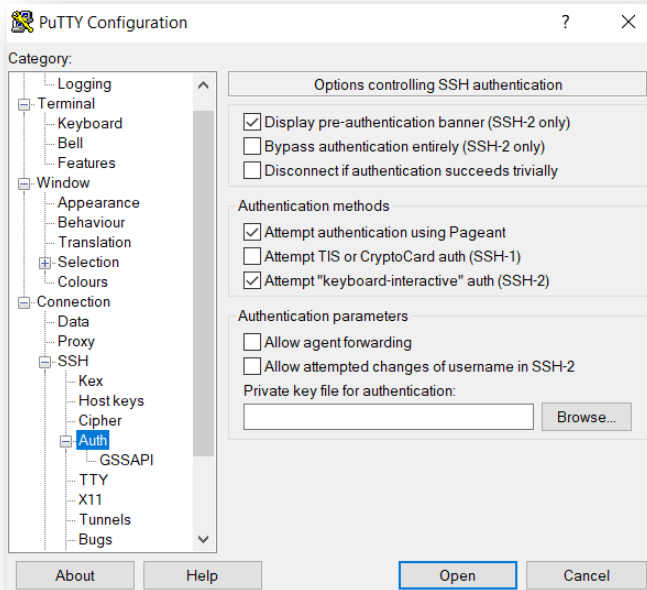


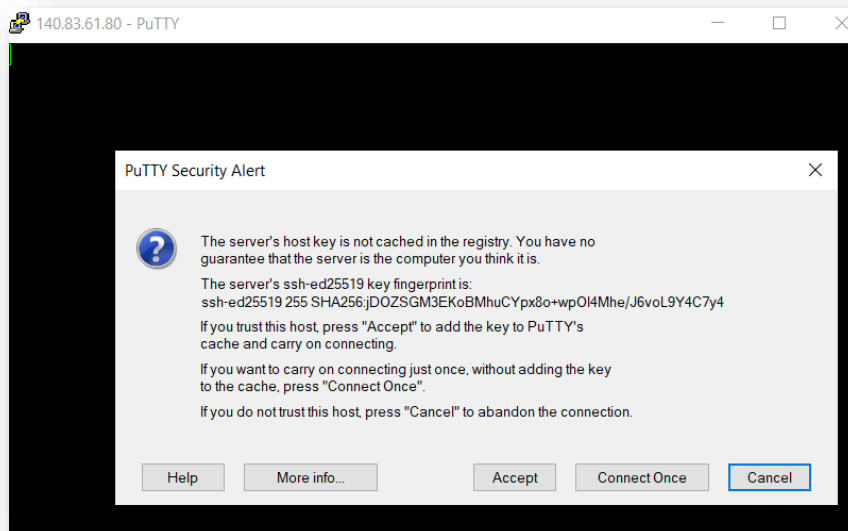




Langkah untuk Connect to the Linux instance using a .ppk private key file:

If the instance uses a key pair that you created using PuTTY Key Generator, use the following procedure.





```
ubuntu@vm-ubuntu1: ~  
login as: ubuntu  
Authenticating with public key "imported-openssh-key"  
Welcome to Ubuntu 20.04.3 LTS (GNU/Linux 5.11.0-1019-oracle x86_64)  
  
* Documentation:  https://help.ubuntu.com  
* Management:    https://landscape.canonical.com  
* Support:       https://ubuntu.com/advantage  
  
System information as of Thu Nov  4 10:27:34 UTC 2021  
  
System load:  0.0          Processes:      115  
Usage of /:   3.7% of 44.97GB  Users logged in:  0  
Memory usage: 20%          IPv4 address for ens3: 10.0.0.225  
Swap usage:   0%  
  
1 update can be applied immediately.  
To see these additional updates run: apt list --upgradable  
  
The list of available updates is more than a week old.  
To check for new updates run: sudo apt update  
  
The programs included with the Ubuntu system are free software;  
the exact distribution terms for each program are described in the  
individual files in /usr/share/doc/*/copyright.  
  
Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by  
applicable law.  
  
To run a command as administrator (user "root"), use "sudo <command>".  
See "man sudo_root" for details.  
  
ubuntu@vm-ubuntu1:~$
```

