**GIVE PERMISSION**

**# 1) Put the exact path to your key here:**

# 1) Point to your key

$KEY = 'D:\Cloudpixel.dev\AWS\AWS\_112108976279\lightsail\cp-django-projects-lightsail\cp-django-projects-lightsail-ssh-key.pem'

# 2) Stop inheriting (so the folder’s permissive ACLs don’t flow in)

icacls "$KEY" /inheritance:r

# 3) Remove any “broad” principals OpenSSH dislikes

icacls "$KEY" /remove "NT AUTHORITY\Authenticated Users" "Authenticated Users" "BUILTIN\Users" "Users" "Everyone"

# 4) Grant ONLY you (read), plus SYSTEM/Administrators (full)

icacls "$KEY" /grant:r "$env:USERDOMAIN\$env:USERNAME:R"

icacls "$KEY" /grant:r "SYSTEM:F"

icacls "$KEY" /grant:r "Administrators:F"

# 5) (Optional but good) make yourself the owner

icacls "$KEY" /setowner "$env:USERDOMAIN\$env:USERNAME"

# 6) Verify

icacls "$KEY"

**CONNECTION**

**Now to connect:**

$KEY = 'D:\Cloudpixel.dev\DigitalOcean\edge-course-server\ssh\_hulk\_singapur\ssh\_hulk\_singapur.pem'

cp-ec-backend-lightsail:

ssh -i $KEY ubuntu@54.255.74.133

cp-ec-backend-ec2:

ssh -i $KEY ubuntu@13.250.233.133

**SETUP .SSH/CONFIG**

Add in config:

Create C:\Users\<you>\.ssh\config (file may not exist; create it) and add:

Host my-lightsail

HostName <PUBLIC\_IP>

User ubuntu

IdentityFile C:\Users\<you>\.ssh\lightsail-<region>.pem

Then connect with:

ssh my-lightsail

**Add passphrase for the first time:**

1) Open PowerShell (Run as Administrator)

2) Check if the service exists:

Get-Service ssh-agent -ErrorAction SilentlyContinue

\*No output / not found? → install OpenSSH Client (next step).

\*Found but Stopped/Disabled? → skip to step 4.

3) Install (or repair) OpenSSH Client:

# See what’s installed

Get-WindowsCapability -Online | ? Name -like 'OpenSSH\*'

# Install the client (includes ssh-agent)

Add-WindowsCapability -Online -Name OpenSSH.Client~~~~0.0.1.0

4) Enable and start the agent:

# Make it start automatically at boot (or use 'Manual' if you prefer)

Set-Service ssh-agent -StartupType Automatic

# Start it now

Start-Service ssh-agent

5) Add your key (only once per boot):

ssh-add "D:\Cloudpixel.dev\DigitalOcean\cloudpixel-backend-server\id\_rsa"

ssh-add -l # should list one identity

6) Connect without typing the passphrase each time:

ssh root@157.245.201.231