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~/.ssh/id\_rsa

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<https://discord.com/api/webhooks/...>

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# Run in Administrator PowerShell

```
dism.exe /online /enable-feature /featurename:Microsoft-Windows-Subsyst
dism.exe /online /enable-feature /featurename:VirtualMachinePlatform /a
wsl --install -d Ubuntu-24.04
```

# Run in Administrator PowerShell on Server A

```
New-VM -Name "FoodAI-Database-Node" -MemoryStartupBytes 8GB -Generation
Set-VMFirmware -VMName "FoodAI-Database-Node" -EnableSecureBoot Off
Start-VM -Name "FoodAI-Database-Node"
```

# Run in Command Prompt on Server B

```
vboxmanage createvm --name "FoodAI-AI-Node" --ostype "Ubuntu_64" --regi
vboxmanage modifyvm "FoodAI-AI-Node" --memory 8192 --cpus 4 --vram 128
vboxmanage createhd --filename "C:\VMs\FoodAI_AI.vdi" --size 60000
vboxmanage storagectl "FoodAI-AI-Node" --name "SATA Controller" --add s
vboxmanage storageattach "FoodAI-AI-Node" --storagectl "SATA Controller
vboxmanage startvm "FoodAI-AI-Node" --type headless
```

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# 1. Generate SSH Keys on WSL Client

```
ssh-keygen -t rsa -b 4096 -f ~/.ssh/id_rsa_foodai -N ""
```

# 2. Push Key to Database VM (Server A)

```
ssh-copy-id -i ~/.ssh/id_rsa_foodai.pub operator@192.168.130.170
```

# 3. Push Key to AI VM (Server B)

```
ssh-copy-id -i ~/.ssh/id_rsa_foodai.pub operator@192.168.130.161
```

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.env

docker-compose.yml

.env

.env

```
DB_HOST=192.168.130.170
DB_USER=food_reader
DB_PASS=reader_pass
APP_AUTH_USER=food_app_auth
APP_AUTH_PASS=auth_pass
OLLAMA_HOST=http://192.168.130.161:11434
SEARXNG_HOST=http://localhost:8080
ZBX_SERVER_HOST=192.168.130.170
```

0.0.0.0

```
# SSH into Server B (192.168.130.161)
sudo systemctl edit ollama.service
```

```
# Add the environment variables:
[Service]
Environment="OLLAMA_HOST=0.0.0.0"
```

```
# Reload and restart service
sudo systemctl daemon-reload
sudo systemctl restart ollama
```

---

```
sudo apt update && sudo apt install -y snmpd
```

```
    /etc/snmp/snmpd.conf
```

```
# Listen on all interfaces
agentAddress udp:161
```

```
# Create secure SNMPv3 User
createUser securityUser SHA "securityAuthPassword" AES "securityPrivPas
rouser securityUser authpriv
```

```
sudo systemctl restart snmpd
```

```
http://192.168.130.170:8081
```

```
192.168.1.50  
192.168.130.170  
192.168.130.161
```

```
SHA securityAuthPassword securityUser  
securityPrivPassword AES
```

---

```
yes > /dev/null & sleep 10 ; killall yes
```

```
[PROBLEM] High CPU Utilization Detected on WSL-  
Workstation
```

```
ClinicianA  
tail -f /var/log/mail.log
```

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```
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```

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