https://youtu.be/JACi4ZsPqOk

Setting up Network Communication between VMs
On the Backup Server:

Install necessary network tools:
sudo apt install -y net-tools openssh-server ufw

Configure firewall:
sudo ufw allow ssh
sudo ufw allow 5000/tcp # For web interface
sudo ufw allow from 192.168.56.0/24 # Allow host-only network
sudo ufw enable

Verify SSH is running:
sudo systemctl status ssh

On the Client System:
Install necessary network tools:
sudo apt install -y net-tools openssh-client

Test connection to backup server:
ping 192.168.56.10
ssh backupadmin@192.168.56.10

Test manual backup:
borgmatic -v 1

Testing the Proof of Concept

On Client System, create a test backup:
borgmatic -v 2

On Client System, verify backup:
borgmatic list

On Client System, extract a file to test restore:
mkdir -p ~/restore-test

```
borgmatic extract --archive latest --path
home/clientuser/Documents/important_files/business_data.txt --destination ~/restore-
test
```

On Client System, check restored file:
```
cat ~/restore-test/home/clientuser/Documents/important_files/business_data.txt
```