

# Self Hosted RoostGPT - OnPrem

Install RoostGPT on Ubuntu Server

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# Ubuntu Server Requirements

- Ubuntu Server 22.04 or higher
- Minimum CPU - 8 cores
- Minimum RAM - 16 GB
- Minimum Root Disk - 50 GB
- Additional Disk - 250 GB (for /var/tmp/Root mount point)

Ubuntu user should have preferably passwordless sudo access

# Download Roost Deployment Tool

Copy and execute the below bash snippet. The tool will prompt for the needed details and launch RoostGPT stack

```
curl -sLO https://github.com/roost-io/roost-support/releases/latest/download/roost-deployment-tool  
chmod +x roost-deployment-tool
```

# Network Configuration and SSL Certificates

## SSL Certificates to the enterprise domain

Copy SSL Certificates to the Ubuntu Server and make a note of the key and cert file location.

It will have to be mentioned in the config.json

## Network Configuration

Allow incoming traffic to the below ports

Protocol	Port	Source IP
TCP (HTTPS)	443	All IP in the company network
SSH	22	Only to be used by IT Support Staff
TCP	60001 - 62120	

# Launch RoostGPT stack

Execute the below command to update the stack

```
./roost-deployment-tool create-stack
```

To refresh/upgrade Roost version in the stack

```
./roost-deployment-tool refresh-stack
```