

EngageChain Linux Node Deployment Guide

Applicable binary: **engaged-linux-x86_64**, uniformly renamed to **engaged** (ELF64 statically linked musl, **no need** to install Rust/dependencies on the server)

1. Server Preparation

```
# Create the deployment directory (binary, data, logs, and keys each in their place)
sudo mkdir -p /opt/engage
sudo chown -R $USER:$USER /opt/engage
```

Transfer these files to the server:

- **engaged** (build artifact)
- **start_engaged.sh** (startup script)
- **stop_engaged.sh** (stop script)
- **node_secret.txt** (private key file)

```
cd /local/program/files/directory
scp engaged user@:/opt/engage/
# Transfer the other files to the Linux server the same way
ssh user@ "chmod +x /opt/engage/start_engaged.sh"
ssh user@ "chmod +x /opt/engage/stop_engaged.sh"
ssh user@ "chmod 600 /opt/engage/node_secret.txt" # (600 permission ensures only this user can use)
```

Or use Xshell / Xftp tools together.

2. Execute Deployment (on the Server)

Start mining:

```
cd /opt/engage
./start_engaged.sh
```

Stop mining:

```
cd /opt/engage
./stop_engaged.sh
```

View mining logs:

```
tail -f /opt/engage/node.log
```