

# How to Fix It on AlmaLinux + Azure + Plesk

Since Plesk's ProFTPD is **fully managed**, you need to configure **passive ports + public IP** and open them in **Azure**.

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## Step 1 — Configure Passive Ports and Public IP

1. Edit Plesk ProFTPD global configuration:

```
sudo nano /etc/proftpd.conf
```

2. Add **at the end**:

```
<Global>
  PassivePorts 49152 49200
  MasqueradeAddress YOUR_PUBLIC_IP
</Global>
```

Replace `YOUR_PUBLIC_IP` with your VM's public IP in Azure.

Save and exit.

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## Step 2 — Restart Plesk services

Since you cannot restart ProFTPD directly:

```
sudo systemctl restart psa
```

This restarts all Plesk-managed services, including ProFTPD.

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## Step 3 — Open Ports in Azure NSG

In Azure Portal → VM → Networking → Inbound Rules:

Port Range	Protocol	Purpose
21	TCP	FTP control channel
49152–49200	TCP	Passive data channels (MLSD)

**Passive ports must exactly match** the `PassivePorts` range in `/etc/proftpd.conf`.

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## Step 4 — FTP Client Settings

- **Transfer Mode:** Passive
- **Encryption:** Require explicit FTP over TLS

Reconnect. Now the **directory listing should work**, and the `GnuTLS error -110` will disappear.