

Quake Live Dedicated Server - Universal Installer

Automated installation script for Quake Live Dedicated Server with minqlx support on Ubuntu Server.

Supported Versions

- Ubuntu 16.04, 18.04, 20.04, 22.04, 24.04 LTS
 - Potentially newer/older versions (will attempt compatibility)
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System Requirements

- Fresh Ubuntu Server installation (x86/x64)
 - Root access
 - Internet connection
 - Minimum 2GB RAM
 - 10GB free disk space
-

1. Pre-Installation

1.1 Check Ubuntu Version

```
bash

lsb_release -a
```

or

```
bash

cat /etc/os-release
```

1.2 Upload the Script

1. Upload `install_quake_live.sh` to `/root` directory using WinSCP/SFTP
 2. Connect via SSH as root
-

2. Installation

2.1 Set Execute Permission

```
bash  
  
chmod +x /root/install_quake_live.sh
```

2.2 Run the Installer

```
bash  
  
cd /root  
./install_quake_live.sh
```

3. Installation Process

The installer will automatically:

1. Detect Ubuntu version
 2. Check timezone (optional configuration)
 3. Request password for qlserver user and Samba
 4. Setup SSH keys (copy from root or create new)
 5. Install system packages
 6. Install ZeroMQ library
 7. Create qlserver user
 8. Configure Samba file sharing
 9. Install SteamCMD
 10. Download Quake Live Dedicated Server
 11. Install minqlx framework
 12. Create helper scripts (supervisor installer & cleanup script)
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4. Interactive Prompts

During installation:

- **Timezone:** Change timezone (default: keep current)
 - **Password:** Enter password for qlserver user (visible)
 - **SSH key:** Add SSH key if not found
-

5. Configure Server

5.1 Upload Configuration Files

Using WinSCP/SFTP, upload files to:

```
/home/qlserver/steamcmd/steamapps/common/qlds/baseq3/
```

- `server.cfg`
- `access.txt`
- `mappool.txt`
- `workshop.txt`

5.2 Upload Plugins

Upload minqlx plugins (`.py` files) to:

```
/home/qlserver/steamcmd/steamapps/common/qlds/minqlx-plugins/
```

Examples: `branding.py`, `funnysounds.py`, `listmaps.py`

6. Test Server Manually

6.1 Connect as qlserver

```
bash  
su - qlserver
```

6.2 Start Screen Session (Optional)

```
bash  
screen -S quake
```

To detach: `Ctrl+A` then `D` | To reattach: `screen -r quake`

6.3 Navigate and Start

```
bash  
cd ~/steamcmd/steamapps/common/qlds  
./run_server_x64_minqlx.sh
```

6.4 Verify

Watch for:

- Workshop maps downloading automatically
- Minqlx plugins loading without errors
- Server starting successfully

Stop server with `Ctrl+C` when done testing.

```
bash
```

```
exit # Return to root user
```

7. Install Supervisor

After successful testing, run as root:

```
bash
```

```
/root/install-supervisor.sh
```

This will:

1. Install and configure Supervisor
 2. Ask about daily automatic reboot (crontab setup)
 - Option for 6:40 AM (recommended)
 - Option for custom time
 - Option to skip
 3. Enable auto-start on boot
 4. Offer system reboot
-

8. Cleanup (If Needed)

If installation fails or you need to start over:

```
bash
```

```
/root/cleanup-quake-install.sh
```

Removes all installations and configurations.

Helper Scripts

`/root/install-supervisor.sh`

Run after server configuration and testing.

`/root/cleanup-quake-install.sh`

Use if installation fails or you need to start over.

Important Notes

Firewall Configuration

You must configure firewall separately:

```
bash

ufw allow 27960/udp
ufw allow 27960/tcp
```

Daily Automatic Reboot

Configured during Supervisor installation (optional).

Default: 6:40 AM (low activity time)

Manual setup:

```
bash

sudo crontab -e
# Add: 40 6 * * * /sbin/shutdown -r now
```

Server Startup

Manual:

```
bash

su - qlserver
cd ~/steamcmd/steamapps/common/qlds/
./run_server_x64_minqlx.sh
```

With Supervisor: Automatic startup on boot

Logs

- Installation: `/var/log/quake_live_install.log`
 - Server error: `/var/log/quake.err.log`
 - Server output: `/var/log/quake.out.log`
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Troubleshooting

Installation Fails

1. Check: `/var/log/quake_live_install.log`
2. Run: `/root/cleanup-quake-install.sh`
3. Verify Ubuntu version and internet connection
4. Run installer again

Server Won't Start

1. Check Supervisor: `supervisorctl status`
2. Check logs: `tail -f /var/log/quake.err.log`
3. Verify permissions: `ls -la /home/qlserver/steamcmd/`
4. Try manual start for detailed errors

SSH Connection Issues

1. Verify key: `cat /home/qlserver/.ssh/authorized_keys`
2. Check permissions:

```
bash

ls -la /home/qlserver/.ssh/
# Should be: drwx----- (700) for .ssh
# Should be: -rw----- (600) for authorized_keys
```

Crontab Not Working

```
bash

sudo crontab -l # Check if exists
sudo crontab -e # Edit manually
# Add: 40 6 * * * /sbin/shutdown -r now
```

After successful installation:

```
bash
```

```
rm /root/install__quake__live.sh
```

```
rm /root/install-supervisor.sh
```

```
rm /root/cleanup-quake-install.sh
```



Credits

Based on:

- [drunksorrow's Quake Live server scripts](#)
- [MinoMino's minqlx framework](#)



Support

- IRC: #minqlbot on QuakeNet
- GitHub: <https://github.com/MinoMino/minqlx>



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Note: Firewall configuration and network security are the administrator's responsibility.