

# DigitalOcean & Godot Server Cheat Sheet (Advanced)

Includes tmux Shortcuts & Deployment Script

## 1. Core Commands

SSH into Droplet: `ssh root@your_droplet_ip`  
Update System: `apt update && apt upgrade -y`  
Install Tools: `apt install unzip wget tmux htop -y`  
Firewall: `ufw allow ssh; ufw allow 7777/tcp; ufw allow 7777/udp; ufw enable`  
Upload Files (Windows): `scp "C:\path\server.zip" root@IP:/root/`  
Unzip & Permissions: `unzip -o server.zip; chmod +x server.x86_64 server.sh`  
Run Server: `./server.x86_64 --headless --server --port 7777 | tee server.log`  
Run Background: `nohup ./server.x86_64 ... > server.log 2>&1 &`  
Logs: `tail -f server.log | grep "text"`  
Monitor: `htop, df -h, free -m`

## 2. tmux Shortcuts

Start Session: `tmux new -s godot_server`  
Detach: `Ctrl + B` then `D`  
Reattach: `tmux attach -t godot_server`  
List Sessions: `tmux ls`  
Kill Session: `tmux kill-session -t godot_server`  
Scroll Mode: `Ctrl + B` then `[` (Exit with `q`)  
Auto-Detach Start: `tmux new -d -s godot_server "./server.x86_64 ..."`

## 3. PowerShell Deployment Script

```
# Build, Zip, Upload, Restart Server in tmux
$serverPath = "C:\path\to\build\Linux"
$zipFile = "$serverPath\server.zip"
Compress-Archive -Path "$serverPath\server.x86_64", "$serverPath\server.sh", "$serverPath\server.pck" -DestinationPath $zipFile
scp $zipFile root@your_droplet_ip:/root/
ssh root@your_droplet_ip "tmux kill-session -t godot_server; tmux new -d -s godot_server './server.x86_64 --headless --server'"
```