

# Ubuntu Deployment – Quick Reference (v1.x)

Server user: `fundapp` App dir: `/opt/mr-moneybags-v1.x`

## 1. Essential Deployment Commands

Scenario	Command
Standard update (main)	<code>cd /opt/mr-moneybags-v1.x &amp;&amp; git pull --ff-only &amp;&amp; npm ci &amp;&amp; ./deploy-ubuntu.sh</code>
Deploy release tag	<code>./deploy-ubuntu.sh --tag v1.0.1</code>
Deploy feature branch	<code>./deploy-ubuntu.sh --branch feature/x</code>
Skip dependency install	<code>./deploy-ubuntu.sh --skip-dependencies</code>
Skip DB schema refresh	<code>./deploy-ubuntu.sh --skip-schema</code>
Force deploy (ignore failed checks)	<code>./deploy-ubuntu.sh --force</code>

## 2. Common Troubleshooting

```
# Backend / frontend logs
pm2 logs fund-api      # API
pm2 logs fund-ui       # UI

# PostgreSQL status & logs
sudo systemctl status postgresql
journalctl -u postgresql -n 50

# Port usage
sudo lsof -i :3000
sudo lsof -i :8080
```

### 3. Health Checks

```
# API
curl -s http://localhost:3000/api/health | jq

# Front-end
curl -I http://localhost:8080 | head -n1 # 200
OK

# Database
psql -U npfadmin -d fund_accounting_db -c "SELECT
1;"
```

### 4. Rollback

Action	Command
Previous version	<code>./deploy-ubuntu.sh --rollback</code>
Specific tag	<code>./deploy-ubuntu.sh --rollback v8.8.4</code>
Refresh schema	<code>psql -U npfadmin -d fund_accounting_db -f database/db-init.sql</code>
DB restore dump	<code>pg_restore -U npfadmin -d fund_accounting_db /backups/FILE.dump</code>

### 5. Emergency Procedures

```
# Stop all app services
pm2 stop fund-api fund-ui

# Stop PostgreSQL (last resort)
sudo systemctl stop postgresql

# Disable incoming traffic (ufw)
sudo ufw deny 80/tcp
sudo ufw deny 443/tcp
```

*After stabilising, run rollback (above) then `pm2 restart fund-api fund-ui` and re-enable UFW.*

## 6. Key File Locations

Path	Purpose
/opt/mr-moneybags-v1.x/.env	Runtime environment variables
/var/log/mr-moneybags-v1.x/	Deployment & script logs
~/.pm2/logs/	PM2 service logs
/opt/backups/mr-moneybags-v1.x/	Code & DB backups (auto by script)

## 7. Service Management (PM2 & Systemd)

```
# PM2
pm2 ls                # list services
pm2 restart fund-api fund-ui  # graceful reload
pm2 save && pm2 startup    # persist across
reboot

# PostgreSQL
sudo systemctl restart postgresql
sudo systemctl enable postgresql
```

**Tip:** keep this card handy during maintenance windows for rapid reference.  
For full details see [Ubuntu Deployment Guide - v1.x](#). 🚀

Mr. MoneyBags v1.x Documentation  
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