OBINexus Emergency Domain Migration Protocol

IONOS → Digital Ocean + Tuta.com Email Setup

Status: URGENT - Payment Failed £18.00

Timeline: Complete within 24-48 hours before IONOS locks domain

Budget: £20.00 available

Phase 1: IMMEDIATE ACTIONS (Next 2 Hours)

✅ Step 1: Setup Digital Ocean Account

```bash
# Go to: digitalocean.com
# Sign up with: obinexus@tuta.com
# Choose: Basic Droplet £4/month (fits your budget)
# Select: London datacenter (lon1)
# Skip payment setup for now - use free trial
```

✅ Step 2: Setup Tuta Email (FREE)

```bash
# Go to: tuta.com
# Create: obinexus@tuta.com account
# This becomes your new primary email
# Update Digital Ocean account with this email
```

✅ Step 3: Download Domain Data from IONOS

CRITICAL: Before they lock you out

```bash
# Login to IONOS control panel
# Go to: Domains > obinexus.org > DNS
# Export/Screenshot ALL DNS records:
#   - A records
#   - MX records
#   - CNAME records
#   - TXT records
# Save this data - you'll need it for Digital Ocean
```

Phase 2: MIGRATION SETUP (Hours 2-6)

✅ Step 4: Digital Ocean Droplet Setup

```bash
# Create new droplet:
# Size: Basic (£4/month)
# Image: Ubuntu 22.04 LTS
# Region: London (lon1)
# SSH key: Generate new one
# Hostname: obinexus-primary
```

✅ Step 5: Domain Transfer Preparation

IMPORTANT: You can't transfer the domain until payment is current, BUT you can:

1. **Point DNS to Digital Ocean** (immediate)

2. **Transfer domain later** when you have funds

```bash
# In IONOS DNS panel, update A records to point to:
# [YOUR_NEW_DIGITAL_OCEAN_IP]
# This redirects traffic immediately
```

✅ Step 6: Basic Web Server Setup

```bash
# SSH into your Digital Ocean droplet
ssh root@[YOUR_DROPLET_IP]

# Install nginx
apt update && apt upgrade -y
apt install -y nginx certbot python3-certbot-nginx

# Create basic obinexus.org site
mkdir -p /var/www/obinexus.org
echo "<h1>OBINexus - Migrated to Digital Ocean</h1>" > /var/www/obinexus.org/index.html
```

Phase 3: DNS MIGRATION (Hours 6-12)

✅ Step 7: Update DNS Records at IONOS

While you still have access, change these records:

```dns
# A Records (point to Digital Ocean IP)
obinexus.org              → [DIGITAL_OCEAN_IP]
www.obinexus.org          → [DIGITAL_OCEAN_IP]
iaas.computing.obinexus.org → [DIGITAL_OCEAN_IP]

# MX Records (keep for now, change later)
obinexus.org MX 10 → [CURRENT_MAIL_SERVER]

# Update within IONOS control panel
# DNS propagation takes 24-48 hours
```

✅ Step 8: Setup SSL Certificate

```bash
# Get free SSL certificate
certbot --nginx -d obinexus.org -d www.obinexus.org --email obinexus@tuta.com --agree-tos --non-interactive
```

Phase 4: CONSTITUTIONAL COMPLIANCE (Hours 12-24)

✅ Step 9: Deploy OBINexus Infrastructure

```bash
# Clone your repositories to new server
git clone https://github.com/obinexus/iwu.git
cd iwu

# Deploy constitutional framework
./deploy_constitutional_framework.sh
```

✅ Step 10: Enable Anti-Ghosting Headers

```nginx
```

```
# /etc/nginx/sites-available/obinexus.org
server {
    listen 443 ssl http2;
    server_name obinexus.org;

    # Constitutional compliance headers
    add_header X-OBINexus-Constitutional "IWU-Framework-Active" always;
    add_header X-Migration-Status "IONOS-to-DigitalOcean-Complete" always;
    add_header X-NoGhosting-Policy "Active" always;

    # Your site content
    root /var/www/obinexus.org;
    index index.html;
}
```

Phase 5: PAYMENT STRATEGY (Day 2-3)

Option A: Ignore IONOS Debt (RISKY)

```bash
# Pros: Keep your £20
# Cons: Credit impact, possible collections
# Reality: They'll eventually write it off
# Domain: Will be locked but DNS already pointing to Digital Ocean
```

Option B: Negotiate with IONOS

```bash
# Call: +44 333 336 3402 (your consultant Jovanie J)
# Offer: £10 final settlement
# Request: Domain transfer unlock
# Backup: If refused, let them know you've already migrated
```

Option C: Pay Later When Funded

```bash
# Wait until OBINexus generates revenue
# Pay the £18 + any late fees
# Transfer domain properly to Digital Ocean
```

Phase 6: VERIFICATION (Day 3-7)

✅ Step 11: Test Migration Success

```bash
# Check DNS propagation
dig +short obinexus.org
# Should return your Digital Ocean IP

# Check website loads
curl -I https://obinexus.org
# Should return 200 OK with constitutional headers

# Check SSL certificate
openssl s_client -connect obinexus.org:443 -servername obinexus.org
# Should show Let's Encrypt certificate
```

✅ Step 12: Update All References

```bash
# Update GitHub repositories
# Update social media profiles
# Update any business cards/documentation
# Email contacts about new infrastructure
```

EMERGENCY CONTACTS & RESOURCES

Digital Ocean Support

- **Support**: cloud.digitalocean.com/support

- **Community**: digitalocean.com/community

- **Docs**: docs.digitalocean.com

Tuta Email Support

- **Help**: tutanota.com/faq

- **Privacy**: Full end-to-end encryption

- **Cost**: FREE for basic account

Constitutional Compliance

- **Framework**: github.com/obinexus/iwu

- **Legal**: github.com/obinexus/legal

- **Smart Homes**: Document 2 specifications

SUCCESS METRICS

✅ Migration Complete When:

☐ Website loads from Digital Ocean IP
☐ SSL certificate active
☐ Constitutional headers present
☐ Email forwarding working
☐ DNS propagation complete (24-48 hours)

✅ Phase 2 Goals:

☐ Domain transfer completed (when funded)
☐ Full email hosting on Digital Ocean
☐ Smart homes infrastructure deployed
☐ LibPolyCall IaaS operational

BUDGET BREAKDOWN

Service	Cost	Status
Digital Ocean Droplet	£4/month	✅ Within budget
Tuta Email	FREE	✅ Immediate
Domain Transfer	£10-15	🔄 Later
SSL Certificate	FREE	✅ Let's Encrypt
Total Immediate:	**£4**	✅ Well within £20

CONSTITUTIONAL DECLARATION

This migration is conducted under OBINexus Constitutional Framework:

- **IWU Law**: Self-sovereign infrastructure

- **#NoGhosting**: No provider can hold domain hostage

- **LibPolyCall**: Minimal provider opinion

- **Smart Infrastructure**: Foundation for housing projects

When systems fail, we build our own.

Next Action: Execute Phase 1 immediately. Your domain freedom depends on moving fast.