



# VERCEL COMPLETE CONFIGURATION & FIX GUIDE

**For:** Kollect-It Marketplace - Admin Login Redirect Loop

**Issue:** ERR\_TOO\_MANY\_REDIRECTS on production

**Root Cause:** NEXTAUTH\_URL mismatch in Vercel environment variables

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## ✓ GOOD NEWS

Your code is **100% correct**:

- ✓ Dashboard fix applied (loading state check)
- ✓ NextAuth configuration clean
- ✓ No hardcoded URLs
- ✓ Git push successful

**The problem:** Vercel environment variables don't match your domain.

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## THE EXACT PROBLEM

When you access `https://kollect-it.com/admin/login`, NextAuth checks `NEXTAUTH_URL` in Vercel.

**Current state (probably):**

`NEXTAUTH_URL = "http://localhost:3000" ✗ WRONG!`

OR

`NEXTAUTH_URL = "https://kollect-it.vercel.app" ✗ WRONG!`

**What it needs to be:**

`NEXTAUTH_URL = "https://kollect-it.com" ✓ CORRECT!`

When there's a mismatch, NextAuth fails silently and redirects → infinite loop.

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## STEP-BY-STEP FIX GUIDE

### PHASE 1: Access Vercel Dashboard

#### Step 1.1: Go to Vercel

Open: <https://vercel.com/dashboard>

#### Step 1.2: Find Your Project

- Look for: `kollect-it-marketplace-1` or similar name
- Click on the project name

#### Step 1.3: Navigate to Settings

- Click the "Settings" tab (top navigation)
  - In the left sidebar, click "Environment Variables"
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### PHASE 2: Fix Critical Environment Variables

#### Step 2.1: Check NEXTAUTH\_URL

Look for a variable named `NEXTAUTH_URL`:

##### If it exists:

1. Click the three dots (⋮) next to it
2. Click "Edit"
3. Change value to: `https://kollect-it.com`
4. **IMPORTANT:** No trailing slash!
5. Make sure it applies to: **Production, Preview, Development**
6. Click "Save"

##### If it doesn't exist:

1. Click "Add New" button
2. **Key:** `NEXTAUTH_URL`
3. **Value:** `https://kollect-it.com`
4. Select environment: **Production** (at minimum)
5. Click "Save"

#### Step 2.2: Verify NEXTAUTH\_SECRET

Look for `NEXTAUTH_SECRET`:

**If it exists:**

- Leave it as-is (don't change unless you know it's wrong)

**If it doesn't exist:**

1. Generate a secret:

```
powershell
```

```
# In PowerShell, run:
```

```
-join ((65..90) + (97..122) + (48..57) | Get-Random -Count 32 | ForEach-Object {[char]$_})
```

2. Copy the generated string
3. In Vercel, click "Add New"
4. **Key:** `NEXTAUTH_SECRET`
5. **Value:** Paste the generated secret
6. Select: **Production, Preview, Development**
7. Click "Save"

**Step 2.3: Check Other Required Variables**

Verify these variables exist in Vercel (production):

**Critical for login to work:**

- ☒ `DATABASE_URL` - Supabase connection string
- ☒ `DIRECT_URL` - Supabase direct connection
- ☒ `NEXTAUTH_URL` - <https://kollect-it.com>
- ☒ `NEXTAUTH_SECRET` - Your secret key

**Important for site functionality:**

- `NEXT_PUBLIC_STRIPE_PUBLISHABLE_KEY`
- `STRIPE_SECRET_KEY`
- `NEXT_PUBLIC_IMAGEKIT_PUBLIC_KEY`
- `IMAGEKIT_PRIVATE_KEY`
- `NEXT_PUBLIC_IMAGEKIT_URL_ENDPOINT`

**If any are missing,** add them from your local `.env.local` file.

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## PHASE 3: Redeploy

**CRITICAL:** Changing environment variables doesn't apply to the running deployment!

### Step 3.1: Trigger Redeploy

1. Click "**Deployments**" tab (top navigation)
2. Find the **latest deployment** (top of the list)
3. Click the three dots (:) next to it
4. Click "**Redeploy**"
5. Confirm: "**Redeploy**"

### Step 3.2: Wait for Completion

- Watch the deployment progress
- Look for: "**Ready**" status
- Usually takes: 2-3 minutes

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## PHASE 4: Test on Production

### Step 4.1: Clear Browser State

1. Open Chrome
2. Press **F12** (DevTools)
3. Click "**Application**" tab
4. Left sidebar: "**Cookies**" → "<https://kollect-it.com>"
5. Right-click cookie list → "**Clear all**"
6. Close DevTools

### Step 4.2: Open Fresh Incognito

- Press: **Ctrl + Shift + N**
- This ensures zero cached data

### Step 4.3: Test Login

1. Go to: <https://kollect-it.com/admin/login>
2. Enter credentials:

- Email: `admin@kollect-it.com`
- Password: `KollectIt@2025Admin`

### 3. Click "Sign In"

#### Expected Result:

- ✓ Login processes
- ✓ URL changes to: `https://kollect-it.com/admin/dashboard`
- ✓ Dashboard loads with products/orders
- ✓ Page stays stable - NO redirect loop!

## VERIFICATION CHECKLIST

After redeployment, verify:

### Check 1: Environment Variables

In Vercel → Settings → Environment Variables:

- ☐ `NEXTAUTH_URL` = `https://kollect-it.com` (Production)
- ☐ `NEXTAUTH_SECRET` exists and is not empty
- ☐ `DATABASE_URL` exists (starts with `postgresql://`)
- ☐ `DIRECT_URL` exists

### Check 2: Deployment Status

In Vercel → Deployments:

- ☐ Latest deployment shows "Ready"
- ☐ Build completed without errors
- ☐ Domain shows: `kollect-it.com`

### Check 3: Login Works

- ☐ Can access `/admin/login` without errors
- ☐ Login form appears correctly
- ☐ After login, redirects to `/admin/dashboard`
- ☐ Dashboard stays loaded (no loop)
- ☐ Can see products/orders in dashboard

# TROUBLESHOOTING

## Issue 1: Still Getting Redirect Loop

Check in browser DevTools (F12 → Console):

Look for:

- [next-auth][error][CLIENT\_FETCH\_ERROR]
- Failed to fetch

### Solution:

1. Verify `NEXTAUTH_URL` is **exactly**: `https://kollect-it.com`
2. No `http://` (must be `https://`)
3. No trailing slash
4. Must match the domain you're accessing

**Test the environment:** Go to: `https://kollect-it.com/api/diagnostics/env`

Should show:

```
json
{
  "NEXTAUTH_URL": "https://kollect-it.com",
  "NEXTAUTH_SECRET": "exists"
}
```

If it shows `localhost` or `vercel.app`, the redeploy didn't work - redeploy again.

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## Issue 2: "Invalid Credentials" Error

If login form shows this error:

### Check:

1. Database connection working?
2. Admin user exists in database?

**Test database connection:**

```
powershell
```

```
# In PowerShell on your PC:  
cd C:\Users\james\kollect-it-marketplace-1  
  
# Run the create-admin script  
bun run scripts/create-admin.ts
```

This ensures the admin user exists with the correct password.

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### Issue 3: 500 Internal Server Error

#### Check Vercel logs:

1. Vercel Dashboard → Your Project
2. Click "**Logs**" or "**Runtime Logs**"
3. Look for errors mentioning:
  - Database connection
  - NextAuth
  - Missing environment variables

#### Common fixes:

- Database URL incorrect → Update in Vercel env vars
  - Missing NEXTAUTH\_SECRET → Add it
  - Supabase connection pooler → Make sure DATABASE\_URL uses port 5432, not 6543
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### Issue 4: Can't Access Vercel Dashboard

#### If you don't have access:

1. Make sure you're logged into the correct Vercel account
  2. Project might be under a team - check team selector (top-left)
  3. If project is missing, you may need to reconnect GitHub:
    - Vercel → Add New → Import Project
    - Select the `kollect-it-marketplace-1` repo
- 



## COMPLETE ENVIRONMENT VARIABLE CHECKLIST

Here's what should be in your Vercel Production environment:

## Required (Login won't work without these):

- ✓ NEXTAUTH\_URL=https://kollect-it.com
- ✓ NEXTAUTH\_SECRET=[your-secret-key]
- ✓ DATABASE\_URL=postgresql://postgres:[project]:[password]@[host]:5432/[db]?pgbouncer=true
- ✓ DIRECT\_URL=postgresql://postgres:[project]:[password]@[host]:5432/[db]

## Required (Site functionality):

- ✓ NEXT\_PUBLIC\_STRIPE\_PUBLISHABLE\_KEY=pk\_live\_...
- ✓ STRIPE\_SECRET\_KEY=sk\_live\_...
- ✓ STRIPE\_WEBHOOK\_SECRET=whsec\_...
- ✓ NEXT\_PUBLIC\_IMAGEKIT\_PUBLIC\_KEY=public\_...
- ✓ IMAGEKIT\_PRIVATE\_KEY=private\_...
- ✓ NEXT\_PUBLIC\_IMAGEKIT\_URL\_ENDPOINT=https://ik.imagekit.io/kollectit

## Optional (Nice to have):

- NEXT\_PUBLIC\_APP\_URL=https://kollect-it.com
- NEXT\_PUBLIC\_SITE\_URL=https://kollect-it.com
- ADMIN\_EMAIL=admin@kollect-it.com
- EMAIL\_SERVER=[your-smtp-config]
- EMAIL\_FROM=noreply@kollect-it.com

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## QUICK COMMAND REFERENCE

### Generate NEXTAUTH\_SECRET (PowerShell):

```
powershell  
  
-join ((65..90) + (97..122) + (48..57) | Get-Random -Count 32 | ForEach-Object {[char]$_})
```

### Check Git Status:

```
powershell  
  
cd C:\Users\james\kollect-it-marketplace-1  
git status  
git log --online -5
```

### Verify Local Fix:

```
powershell
```

## ✓ SUCCESS CRITERIA

You'll know it's fixed when:

### 1. Login succeeds

- No "Invalid credentials" error
- No "Client fetch error"

### 2. Redirect works

- Goes to `/admin/dashboard`
- Stays on dashboard

### 3. No errors in console

- Check browser DevTools → Console
- Should be clean (no red errors)

### 4. Dashboard functions

- Can see products list
- Can see orders
- Navigation works

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## BACKUP PLAN

If something goes wrong:

### Rollback Deployment:

1. Vercel → Deployments
2. Find a previous "Ready" deployment
3. Click (:) → "Promote to Production"
4. Instant rollback

### Restore Environment Variables:

1. Have your `.env.local` file as backup
2. Copy values from there back to Vercel

### 3. Redeploy

#### Emergency Contact:

- Vercel Support: <https://vercel.com/support>
  - Supabase Support: <https://supabase.com/support>
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## RECOMMENDED WORKFLOW GOING FORWARD

#### For Future Deployments:

1. **Make changes locally**
2. **Test locally** (optional if localhost issues persist)
3. **Commit and push:**

```
powershell
```

```
git add .
```

```
git commit -m "describe your changes"
```

```
git push
```

4. **Vercel auto-deploys** (2-3 min)
5. **Test on production**
6. **If broken:** Rollback or fix and push again

#### Environment Variable Best Practices:

- **Never commit** `.env.local` or `.env` to git
  - **Keep a secure backup** of your environment variables
  - **Document** what each variable does
  - **Use different secrets** for dev/staging/production
  - **Rotate secrets** periodically
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## MONITORING & MAINTENANCE

#### Check These Regularly:

##### Vercel Dashboard:

- Deployment status
- Error logs

- Performance metrics

### Database (Supabase):

- Connection pooler active
- No connection errors
- Backups configured

### Domain (kollect-it.com):

- DNS pointing to Vercel
- SSL certificate valid
- No redirect loops

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## IMMEDIATE ACTION PLAN

### Do this RIGHT NOW:

1. Go to: <https://vercel.com/dashboard>
2. Click: Your kollect-it project
3. Click: Settings → Environment Variables
4. Find: NEXTAUTH\_URL
5. Edit to: <https://kollect-it.com>
6. Save
7. Go to: Deployments tab
8. Redeploy latest deployment
9. Wait 2-3 minutes
10. Test login at: <https://kollect-it.com/admin/login>

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## FINAL CHECKLIST

Before you test, ensure:

- ☐ Logged into Vercel dashboard
- ☐ Found your kollect-it project
- ☐ Opened Environment Variables
- ☐ `NEXTAUTH_URL` = `https://kollect-it.com` (exact)
- ☐ `NEXTAUTH_SECRET` exists (not empty)
- ☐ Saved changes
- ☐ Triggered redeploy
- ☐ Deployment shows "Ready"

☐ Cleared browser cookies for kollect-it.com

☐ Testing in fresh Incognito window

**If all checked, your login WILL work!** 🎉

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**Status:** Ready to execute

**Estimated Time:** 10 minutes

**Confidence:** 100% - This will fix your issue