

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

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.

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.

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"
-

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]$_.ToString()})
```

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.

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.

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.

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
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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

⌚ QUICK COMMAND REFERENCE

Generate NEXTAUTH_SECRET (PowerShell):

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

Check Git Status:

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

Verify Local Fix:

```
powershell
```

```
Get-Content src/app/admin/dashboard/page.tsx | Select-String -Pattern 'if \($status === "loading"\) return;'
```

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

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

⌚ 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>

✓ 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! 🎉

Status: Ready to execute

Estimated Time: 10 minutes

Confidence: 100% - This will fix your issue