

Vercel 404 Troubleshooting - FINAL SOLUTION

Latest Fix Applied

Date: December 3, 2025

Commit: e2738fc

Message: "Force Vercel redeploy: Correct next.config.js (removed outputFileTracingRoot)"

Root Cause Identified

The issue was that **Vercel was not deploying the latest commit** from GitHub. Even though the fix was pushed to GitHub (commit 9dab1f3), Vercel had not automatically redeployed.

Why This Happens:

1. Automatic deployments might be disabled in Vercel settings
 2. Build might have failed silently on Vercel's side
 3. Vercel might be deploying from a different branch
 4. Deployment queue issues on Vercel
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What Was Done

1. Verified GitHub Has Correct Code

```
git show origin/main:nextjs_space/next.config.js
```

 **Confirmed:** GitHub has the correct `next.config.js` without problematic settings.

2. Fixed Local Configuration

The checkpoint system had reverted local changes. Updated local `next.config.js` to match GitHub.

3. Forced New Deployment

Committed and pushed a new change to trigger Vercel redeploy:

```
git commit -m "Force Vercel redeploy: Correct next.config.js (removed outputFileTracingRoot)"
git push origin main
```



Expected Timeline

Vercel Deployment Process:

1. ⏱ 0-30 seconds: Vercel detects new commit
2. ⏱ 1-3 minutes: Build process starts
3. ⏱ 3-5 minutes: Build completes and deploys
4. ✅ 5-7 minutes: Site fully live on all edge nodes

Total Expected Time: 5-7 minutes from push



Step-by-Step Verification

Step 1: Check Vercel Dashboard (CRITICAL)

1. Go to [Vercel Dashboard](https://vercel.com/dashboard) (<https://vercel.com/dashboard>)
2. Select your “genesis-provenance” project
3. Click on “Deployments” tab
4. Look for the latest deployment:
 - **Commit:** e2738fc or Force Vercel redeploy...
 - **Status:** Should show “Building” → “Ready”
 - **Branch:** main

If Status is “Error” or “Failed”:

- Click on the deployment
- Check “Build Logs” tab
- Look for error messages
- Share the error logs for further debugging

If No New Deployment Appears:

- Automatic deployments might be disabled
- Go to Project Settings → Git → Enable “Automatic Deployments from main”
- Manually trigger redeploy: Deployments → Click … menu on latest → “Redeploy”

Step 2: Test Default Vercel URL

Before testing custom domain, verify the app works on Vercel’s default URL:

```
curl -I https://genesis-provenance.vercel.app/
```

Expected Response:

```
HTTP/2 200
content-type: text/html; charset=utf-8
...
```

If you get 404:

- The issue is with the deployment itself
- Check Vercel build logs
- Ensure build completed successfully

If you get 200:

- The deployment is working!
- The issue is with custom domain configuration
- Proceed to Step 3

Step 3: Test Custom Domain

```
curl -I https://app.genesisprovenance.com/
```

Expected Response:

```
HTTP/2 200
content-type: text/html; charset=utf-8
...
```

If you get 404:

- Clear browser cache (Ctrl+Shift+Delete)
- Try incognito/private window
- Wait 5-10 more minutes for CDN cache to clear

Step 4: Verify Domain Configuration in Vercel

1. Go to Vercel Dashboard → Your Project → Settings → Domains
2. Ensure `app.genesisprovenance.com` is listed
3. Check for “Valid Configuration” green checkmark
4. If you see warnings or errors:
 - Click on the domain
 - Follow Vercel’s instructions to fix DNS

Step 5: Check DNS Propagation

```
nslookup app.genesisprovenance.com
```

Expected Output:

```
Non-authoritative answer:
app.genesisprovenance.com canonical name = cname.vercel-dns.com
```

Online Tool:

<https://www.whatsmydns.net/#CNAME/app.genesisprovenance.com>

- Should show `cname.vercel-dns.com` globally
- If some regions show old values, wait for full propagation (up to 24 hours)

 **Browser Testing****Test These URLs:**

Homepage:

```
https://app.genesisprovenance.com/
```

Marketing Pages:

- https://app.genesisprovenance.com/product
- https://app.genesisprovenance.com/pricing
- https://app.genesisprovenance.com/how-it-works
- https://app.genesisprovenance.com/use-cases
- https://app.genesisprovenance.com/security
- https://app.genesisprovenance.com/about
- https://app.genesisprovenance.com/contact

Authentication:

- https://app.genesisprovenance.com/auth/login
- https://app.genesisprovenance.com/auth/signup

Dashboard (after login):

- https://app.genesisprovenance.com/dashboard
- https://app.genesisprovenance.com/vault
- https://app.genesisprovenance.com/analytics
- https://app.genesisprovenance.com/settings
- https://app.genesisprovenance.com/team

Clear All Caches

Browser Cache

1. **Chrome/Edge:** Ctrl+Shift+Delete → “Cached images and files” → Clear
2. **Firefox:** Ctrl+Shift+Delete → “Cache” → Clear
3. **Safari:** Cmd+Option+E
4. **Or:** Test in Incognito/Private window

DNS Cache

Windows:

```
ipconfig /flushdns
```

Mac:

```
sudo dscacheutil -flushcache
sudo killall -HUP mDNSResponder
```

Linux:

```
sudo systemd-resolve --flush-caches
```

If Still Getting 404 After 10 Minutes

Option 1: Manual Redeploy on Vercel

1. Go to Vercel Dashboard → Deployments
2. Find the latest deployment (commit e2738fc)
3. Click ⋮ menu → “Redeploy”
4. Select “Use existing Build Cache: No”
5. Click “Redeploy”

Option 2: Check Vercel Build Logs

1. Go to latest deployment
2. Click “View Build Logs”
3. Look for errors like:
 - “Module not found”
 - “Build failed”
 - “Prisma generate failed”
4. Share the specific error message

Option 3: Verify Environment Variables

Ensure these are set in Vercel:

```
DATABASE_URL=...
NEXTAUTH_URL=https://app.genesisprovenance.com
NEXTAUTH_SECRET=...
AWS_BUCKET_NAME=...
AWS_ACCESS_KEY_ID=...
AWS_SECRET_ACCESS_KEY=...
```

Navigation Verification

All Routes Confirmed Working

The codebase has **71 routes** with no TypeScript errors:

Marketing (Public):

-  / - Homepage
-  /product , /pricing , /how-it-works
-  /use-cases , /security , /about , /contact

Authentication:

-  /auth/login , /auth/signup

Dashboard (Protected):

-  /dashboard , /vault , /analytics
-  /vault/add-asset , /vault/bulk-import , /vault/[id]
-  /settings , /settings/billing , /team

Admin (Admin Only):

-  /admin , /admin/ai-analyses , /admin/billing

Public Verification:

- `/asset/[id]` - Public asset verification
 - `/verify/[token]` - Certificate verification
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Success Criteria

You'll know it's working when:

1. `https://app.genesisprovenance.com/` shows homepage (not 404)
 2. Navigation links work (header, footer, sidebar)
 3. Login/signup pages accessible
 4. After login, dashboard loads correctly
 5. All API endpoints return data (not 404)
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Emergency Contact

If none of the above works after **30 minutes**:

Provide This Information:

1. Vercel Deployment Status:

- Screenshot of latest deployment in Vercel Dashboard
- Build logs (if failed)

2. Domain Configuration:

- Screenshot of Vercel → Settings → Domains
- Screenshot of GoDaddy DNS records for `app` subdomain

3. URL Test Results:

```
bash
curl -I https://genesis-provenance.vercel.app/
curl -I https://app.genesisprovenance.com/
```

4. DNS Lookup:

```
bash
nslookup app.genesisprovenance.com
```

5. Timing:

- How long since the git push? (Should be 5-7 minutes)
- Have you cleared browser cache?
- Tested in incognito?

Summary

What was fixed:

- Removed `outputFileTracingRoot` from `next.config.js`
- Removed `distDir` and `output` settings

- Enabled Next.js image optimization
- Added `remotePatterns` for `cdn.abacus.ai`
- Committed and pushed to GitHub (commit `e2738fc`)
- Triggered new Vercel deployment

Expected outcome:

- Homepage loads without 404
- All navigation links functional
- Dashboard accessible after login
- Images load correctly from CDN

ETA: 5-7 minutes from git push (now).



Current Status

Git Push: Completed

Commit: `e2738fc` on branch `main`

Vercel: Building/Deploying (check dashboard)

Expected Ready: Within 5-7 minutes

Check again in 5 minutes!