



# SmartVerse - Vercel Deployment Fix

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## ❌ Problem yang Terjadi:

Error: Mixed routing properties

**Cause:** Vercel v2 tidak mendukung mixing **routes** dan **headers** dalam satu **vercel.json** file.

## ✅ Solution yang Diterapkan:

### 1. Fixed vercel.json

```
{
  "rewrites": [
    {
      "source": "/((?!api/).*)",
      "destination": "/index.html"
    }
  ]
}
```

#### Benefits:

- ✅ Menghindari "Mixed Routing Properties" error
- ✅ Menggunakan **rewrites** (Vercel v2 compatible)
- ✅ Exclude API routes dengan negative lookahead
- ✅ SPA routing akan work dengan benar

### 2. Optimized vite.config.ts

```
build: {
  rollupOptions: {
    output: {
      manualChunks: {
        vendor: ['react', 'react-dom'],
        wagmi: ['wagmi', 'viem'],
        ui: ['@radix-ui/react-dialog', '@radix-ui/react-toast', '@radix-ui/react-select']
      },
    },
  },
  sourcemap: false,
  minify: 'esbuild', // Faster than terser
  target: 'esnext', // Modern browsers
}
```

```
    chunkSizeWarningLimit: 1600,  
  },  
}
```

#### Benefits:

- ⚡ Faster builds dengan esbuild
- 📦 Better code splitting
- 🎯 Modern browser targeting
- 🛠️ Optimized bundle sizes

### 3. Backup Configuration

Created `vercel.alternative.json` jika diperlukan:

```
{  
  "functions": {  
    "app/[...routes].tsx": {  
      "maxDuration": 10  
    }  
  },  
  "rewrites": [  
    {  
      "source": "/api/(.*)",  
      "destination": "/api/$1"  
    },  
    {  
      "source": "/(.*)",  
      "destination": "/index.html"  
    }  
  ]  
}
```

### 4. Deployment Script

Created `deploy.sh` untuk easy deployment:

```
#!/bin/bash  
# Validates JSON, builds locally, then deploys  
./deploy.sh
```

#### 🔍 Technical Verification:

##### ✅ React Router Setup (Already Correct):

- Using `BrowserRouter` ✅
- Catch-all route `*` untuk 404 ✅

- Proper route structure ✅

## ✅ Files in Place:

- `vercel.json` - Main configuration ✅
- `public/_redirects` - Backup fallback ✅
- `vercel.alternative.json` - Alternative config ✅
- `deploy.sh` - Deployment script ✅



## Next Steps:

### 1. Commit changes:

```
git add .  
git commit -m "fix: resolve Vercel mixed routing properties error"  
git push origin main
```

### 2. Deploy to Vercel:

```
# Option 1: Using script  
./deploy.sh  
  
# Option 2: Direct command  
vercel --prod  
  
# Option 3: Auto-deploy via GitHub integration  
# (Push will trigger auto-deployment)
```

### 3. Verify deployment:

- Check `https://smartverse-id.vercel.app`
- Test direct URL access: `/business`, `/dashboard`, `/pay`
- Verify no 404 on refresh



## If Still Having Issues:

### 1. Alternative `vercel.json`:

```
cp vercel.alternative.json vercel.json
```

### 2. Clear Vercel cache:

```
vercel --prod --force
```






### 3. Check Vercel dashboard:

- Go to Vercel dashboard
- Check deployment logs
- Verify environment variables



### Expected Results:

After this fix:

-  No "Mixed Routing Properties" error
-  Successful Vercel deployment
-  All routes work on refresh (no 404)
-  Fast build times dengan esbuild
-  Optimized production bundles

The application should now deploy successfully to **<https://smartverse-id.vercel.app>** without any routing errors! 🎉