

ERR_NETWORK Error - Complete Fix Documentation

Investigation Date: October 25, 2025

Status:  **READY TO FIX - All documentation complete**

The Problem (In 10 Seconds)

Your frontend at **<https://workigom.vercel.app>** is trying to connect to the **wrong backend URL**. It's looking for `workigom.onrender.com` but should be looking for `workigom-backend.onrender.com` (note the `-backend` part).

Fix time: 5 minutes

Difficulty: Easy





Impact: Complete restoration of all frontend features

Documentation Index

I've created comprehensive documentation to help you fix this issue. Choose the document that best fits your needs:






For Quick Fix (Start Here!)

1. [QUICK_FIX_REFERENCE.md](#) (./QUICK_FIX_REFERENCE.md) **RECOMMENDED**

-  **What:** Quick reference card with copy-paste values
-  **For:** Anyone who wants the fastest fix
-  **Time:** 2 minutes to read, 5 minutes to fix
-  **Use when:** You want to fix it NOW without reading too much






For Step-by-Step Instructions

2. [VERCEL_FIX_STEPS.md](#) (./VERCEL_FIX_STEPS.md)

-  **What:** Detailed step-by-step Vercel Dashboard guide
-  **For:** Anyone fixing via Vercel Dashboard
-  **Time:** 5 minutes to read and apply
-  **Use when:** You prefer the Vercel Dashboard method (recommended)
-  **Includes:** Screenshots reference, verification steps, troubleshooting






For Executive Summary

3. [NETWORK_ERROR_SUMMARY.md](#) (./NETWORK_ERROR_SUMMARY.md)

-  **What:** Executive summary with at-a-glance information
-  **For:** Project managers, team leads, stakeholders
-  **Time:** 3 minutes to read
-  **Use when:** You need to understand the big picture quickly
-  **Includes:** Comparison tables, success metrics, impact analysis






For Technical Deep Dive

4. [FRONTEND_NETWORK_ERROR_DIAGNOSIS.md](#) (./FRONTEND_NETWORK_ERROR_DIAGNOSIS.md)

-  **What:** Complete technical analysis and diagnosis
-  **For:** Developers, technical team members
-  **Time:** 10 minutes to read
-  **Use when:** You want to understand exactly what's wrong and why
-  **Includes:** Code analysis, debugging tips, alternative solutions




For Investigation Summary


5. [INVESTIGATION_COMPLETE.md](#) (./INVESTIGATION_COMPLETE.md)

-  **What:** Investigation summary with all findings
-  **For:** Technical leads, architects
-  **Time:** 8 minutes to read
-  **Use when:** You need a comprehensive investigation report
-  **Includes:** Files analyzed, verification performed, investigation checklist





Recommended Path to Fix

For Most Users (Fastest):

1. **Read:** QUICK_FIX_REFERENCE.md (2 mins)
 Gives you the exact **values to** change
2. Follow: VERCEL_FIX_STEPS.md (5 mins)
 **Step-by-step** instructions
3. Test: **Verify** the fix works
 **Open** app, check console, test features

Total time:  10 minutes

For Technical Team:

1. **Read:** NETWORK_ERROR_SUMMARY.md (3 mins)
 Understand the scope **and** impact
2. **Read:** FRONTEND_NETWORK_ERROR_DIAGNOSIS.md (10 mins)
 Understand the technical details
3. Choose: Vercel Dashboard **OR** Code Update
 Apply the fix using your preferred method
4. **Read:** INVESTIGATION_COMPLETE.md (optional)
 Full investigation details

Total time:  20 minutes

The Fix (Copy-Paste Ready)

What to Change:

```
FROM: VITE_BACKEND_URL=https://workigom.onrender.com
TO:   VITE_BACKEND_URL=https://workigom-backend.onrender.com
      ^^^^^^^^
      Add "-backend"
```

Where to Change It:

Option 1 - Vercel Dashboard (RECOMMENDED):

1. Go to: <https://vercel.com/dashboard>
2. Click: **workigom** project
3. Go to: **Settings** → **Environment Variables**
4. Edit: `VITE_BACKEND_URL`
5. Set to: `https://workigom-backend.onrender.com`
6. Click: **Save** and **Redeploy**






Option 2 - Update Code:

```
cd /home/ubuntu/workigom
echo "VITE_BACKEND_URL=https://workigom-backend.onrender.com" > src-front-
tend/.env.production
git add src-frontend/.env.production
git commit -m "fix: Correct backend URL"
git push origin master
```

Quick Diagnosis

Is this YOUR problem?

Check if you see these symptoms:

-  `ERR_NETWORK` errors in browser console
-  "Failed to load resource: net::ERR_CONNECTION_REFUSED"
-  Frontend deployed at: `https://workigom.vercel.app`
-  API calls failing to: `workigom.onrender.com`
-  Backend actually at: `workigom-backend.onrender.com`

If you see these  **This documentation is for you!**

Verification Checklist

After applying the fix, verify success:

- ☐ No `ERR_NETWORK` errors in browser console
- ☐ API calls show in Network tab with 200 OK status
- ☐ Console shows correct backend URL in debug message

- [] Login functionality works
- [] Jobs list loads properly
- [] All features work as expected



What Was Analyzed

During the investigation, the following were checked:

1. **✓ Frontend API Configuration** (`src-frontend/lib/api.ts`)
 - Code is correct ✓
 - Logic is correct ✓
 - Environment variable has wrong value ✗
2. **✓ Environment Files**
 - `.env` - Correct (local development)
 - `.env.example` - Correct (documentation)
 - `.env.production` - **Wrong value** ✗
3. **✓ Backend Health**
 - URL: `https://workigom-backend.onrender.com`
 - Status: Healthy and running ✓
 - Database: Connected ✓
4. **✓ CORS Configuration**
 - Allows: `workigom.vercel.app` ✓
 - Configuration is correct ✓
 - Not the cause of the issue ✓
5. **✓ Vercel Configuration**
 - Deployment: Successful ✓
 - Build: Working ✓
 - Environment variable: Needs update ✗



Expected Results After Fix

Before Fix:

- ✗ `ERR_NETWORK` errors
- ✗ API calls failing
- ✗ Features not working
- ✗ Users cannot use app

After Fix:

- ✓ No errors
- ✓ API calls succeeding (200 OK)
- ✓ All features working
- ✓ Users can use app normally
- 🎉 Problem solved!



Time Estimates

Task	Time
Read quick reference	2 minutes
Apply fix via Vercel	5 minutes
Apply fix via code	3 minutes
Verify fix	2 minutes
Total	7-10 minutes



Need Help?

If you're stuck:









1. **Start with:** [QUICK_FIX_REFERENCE.md](#) (./QUICK_FIX_REFERENCE.md) - Fastest solution
2. **Need details:** [VERCEL_FIX_STEPS.md](#) (./VERCEL_FIX_STEPS.md) - Step-by-step guide
3. **Want to understand:** [FRONTEND_NETWORK_ERROR_DIAGNOSIS.md](#) (./FRONTEND_NETWORK_ERROR_DIAGNOSIS.md) - Technical deep dive
4. **Still having issues:** Check the troubleshooting sections in any of the documents

Common Issues After Fix:

1. **Still seeing errors?**
 - Hard refresh: Ctrl+Shift+R
 - Clear browser cache
 - Wait for Vercel deployment to complete
2. **Environment variable not working?**
 - Verify it's saved in Vercel Dashboard
 - Check all environments are selected
 - Redeploy the application
3. **Backend not responding?**
 - Test: <https://workigom-backend.onrender.com/api/health>
 - Should return JSON with "success": true

File Structure

All documentation is located in: `/home/ubuntu/workigom/`

workigom/	
 ERR_NETWORK_FIX_INDEX.md	(this file - start here )
 QUICK_FIX_REFERENCE.md	( fastest fix)
 VERCEL_FIX_STEPS.md	(step-by-step guide)
 NETWORK_ERROR_SUMMARY.md	(executive summary)
 FRONTEND_NETWORK_ERROR_DIAGNOSIS.md	(technical analysis)
 INVESTIGATION_COMPLETE.md	(investigation report)

Action Items

Immediate (Now):

1. ☐ Read QUICK_FIX_REFERENCE.md
2. ☐ Choose fix method (Vercel Dashboard or Code)
3. ☐ Apply the fix
4. ☐ Test and verify

Follow-up (After Fix):

1. ☐ Document the fix in your team wiki
2. ☐ Update deployment documentation
3. ☐ Consider adding environment variable validation
4. ☐ Share learnings with team

Key Takeaways

1. **Root Cause:** Wrong backend URL in environment variable
2. **Fix:** Update `VITE_BACKEND_URL` to include `-backend`
3. **Method:** Vercel Dashboard (recommended) or code update
4. **Time:** 5-10 minutes total
5. **Impact:** Complete restoration of functionality

Quick Links

- **Frontend:** <https://workigom.vercel.app>
- **Backend:** <https://workigom-backend.onrender.com>
- **Backend Health:** <https://workigom-backend.onrender.com/api/health>
- **Vercel Dashboard:** <https://vercel.com/dashboard>

✨ Summary

The Problem: Frontend points to wrong backend URL

The Solution: Update environment variable to correct URL

The Time: 5-10 minutes

The Difficulty: Easy

The Impact: 100% restoration of functionality

Ready to fix it? Start with [QUICK_FIX_REFERENCE.md](#) (./QUICK_FIX_REFERENCE.md)! 🚀

Documentation created by DeepAgent on October 25, 2025

All files are available in: /home/ubuntu/workigom/