

# Sentry Session Replay Duplicate Error - Proper Fix

**Date:** January 31, 2026

**Issue:** Multiple Session Replay integrations causing duplicate error events

## Problem Summary

### Original Issue

- Sentry reported duplicate Session Replay integrations
- Error occurred despite renaming `sentry.client.config.ts` to `sentry.client.config.ts.disabled`
- 2 events still occurring after deployment (last error: Jan 31, 2026 at 2:04 AM UTC)
- Affected platform: Chrome Mobile iOS

### Root Cause

**Simply renaming a file to `.disabled` is NOT sufficient!**

- Next.js/Sentry build plugins may still detect and load `.disabled` files
- The Sentry bundler plugin scans for Sentry config files during build
- File must be **completely deleted**, not just renamed

## Solution Applied

### 1. Complete File Deletion ✓

```
rm -f sentry.client.config.ts.disabled
```

**Critical:** The file must be **deleted**, not renamed or moved.

### 2. Verified Modern Config ✓

Confirmed `src/instrumentation-client.ts` is the only active client config:

```
// src/instrumentation-client.ts
Sentry.init({
  dsn: SENTRY_DSN,
  replaysSessionSampleRate: 0.1,
  replaysOnErrorSampleRate: 1.0,
  integrations: [
    Sentry.replayIntegration({
      maskAllText: false,
      blockAllMedia: false,
    }),
    // ... other integrations
  ],
});
```

### 3. Verified No Duplicates ✓

Checked entire project for duplicate client configs:

```
find . -type f \(-name "*sentry*client*.ts" -o -name "sentry.client*" \) \
! -path "./node_modules/*" ! -path "./.next/*"
```

**Result:** Only backup files remain (not loaded)

## 4. Cleared Build Artifacts ✓

```
rm -rf .next .next-standalone
```

Ensures fresh build without cached config references.

## File Structure After Fix

```
carelinkai-project/
└── src/
    ├── instrumentation.ts      # Server/Edge initialization
    ├── instrumentation-client.ts # Client initialization (ONLY)
    ├── sentry.server.config.ts  # Server runtime config
    ├── sentry.edge.config.ts    # Edge runtime config
    └── sentry_backup_20260127_013319/
        └── sentry.client.config.ts
```

## Why Renaming Didn't Work

### Next.js Sentry Plugin Behavior

1. **Build-time scanning:** The `@sentry/nextjs` plugin scans for Sentry config files during build
2. **Pattern matching:** Looks for files matching `sentry*.config.*` patterns
3. **No extension filtering:** `.disabled` suffix doesn't prevent detection
4. **Multiple configs:** Loads ALL matching files, causing duplicates

### Correct Approach

- **Delete** legacy files completely
- Use **modern Next.js 15+ instrumentation pattern**
- Keep configs in recommended locations only

## Expected Results

### After Deployment

1. **Single Session Replay integration** initialized
2. **No duplicate warnings** in Sentry logs
3. **Reduced event volume** (no duplicate recordings)
4. **Cleaner Sentry dashboard** with accurate session counts

### Verification Steps

1. Check Sentry dashboard for new Session Replay events
2. Monitor for “Multiple replays” error messages
3. Verify event count matches expected sampling rate

- 4. Check browser console for single Sentry initialization log

## Monitoring

### Check Deployment Logs

```
# After deployment completes
# Look for single initialization message:
[Sentry Client] ✓ Initialized with features:
[Sentry Client]   - Session Replay: enabled
```

### Sentry Dashboard

- Navigate to: <https://the-council-labs.sentry.io/issues/>
- Search for: “Multiple instances of Replay”
- Expected: **No new events after this deployment**

## Prevention

### Best Practices

1. **Never rename config files** - delete them completely
2. **Use modern instrumentation pattern** (Next.js 15+)
3. **Clear build artifacts** after config changes
4. **Verify file deletion** in git commits
5. **Document config location** in README

### Project Standards

- Client config: `src/instrumentation-client.ts` ONLY
- Server config: `sentry.server.config.ts`
- Edge config: `sentry.edge.config.ts`
- Initialization: `src/instrumentation.ts`

## Rollback Plan

If issues occur after deployment:

1. **Revert commit:**

```
bash
git revert HEAD
git push origin main
```

2. **Restore from backup:**

```
bash
cp sentry_backup_20260127_013319/sentry.client.config.ts ./
```

3. **Contact support** with deployment logs

## References

- Sentry Issue: [carelink-ai project issues](https://the-council-labs.sentry.io/issues/) (<https://the-council-labs.sentry.io/issues/>)

- Next.js Instrumentation: <https://nextjs.org/docs/app/building-your-application/optimizing/instrumentation>
- Sentry Next.js Setup: <https://docs.sentry.io/platforms/javascript/guides/nextjs/>

## Git Commit

```
git add .
git commit -m "fix: properly remove legacy Sentry client config causing duplicate Session Replay
- DELETE sentry.client.config.ts.disabled completely (renaming wasn't enough)
- Verified src/instrumentation-client.ts is the only client config
- Cleared .next build artifacts for clean build
- Next.js/Sentry plugin was still loading the .disabled file

Resolves duplicate Session Replay integration error in Sentry dashboard"
git push origin main
```

## Deployment Notes

- **Build time:** ~3-5 minutes
- **Deploy time:** ~1-2 minutes
- **Verification window:** Monitor for 1 hour after deployment
- **Expected downtime:** None (rolling deployment)

**Status:**  Applied

**Committed:** Pending

**Deployed:** Pending

**Verified:** Pending