

# Service Restart Features - Updated and Available

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✅ **STATUS:** All service restart functionality is present in the main GitHub branch



## Service Restart Features Available After System Updates

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When you pull from the main branch, the following restart functionality is fully implemented:

### 1. Automatic Restart Detection

- System detects when a restart is required after updates
- Shows restart notification with action buttons
- Provides user-friendly restart options

### 2. Two Restart Options Available

#### Option 1: Refresh Page (Quick Restart)

- **Function:** `handlePageRestart()`
- **Purpose:** Quick reload for frontend-only changes
- **Action:** Refreshes the current page
- **Duration:** 2 seconds delay with user notification

#### Option 2: Full Restart (Complete System Restart)

- **Function:** `handleFullRestart()`
- **Purpose:** Complete system restart for backend changes
- **Action:** Requests full application restart
- **Duration:** 3 seconds delay with user notification

### 3. User Interface Components

#### Toast Notification

```
toast.info('System restart is recommended to complete the update', {
  duration: 10000,
  action: {
    label: 'Restart Now',
    onClick: () => handlePageRestart()
  }
});
```

#### Alert Dialog with Restart Buttons

- **Success Alert:** Shows when update completes successfully
- **Two Restart Buttons:**
  - “Refresh Page” button with RotateCcw icon
  - “Full Restart” button with Power icon
- **Clear Instructions:** Explains the difference between options

## 4. File Location

- **Component:** `app/components/admin/github-updates.tsx`
- **Lines:** 83-97 (restart functions), 185-219 (UI components)

## 5. How It Works

1. User initiates system update
2. System updates successfully
3. If `result.restart_required` is true:
  - Shows toast notification with restart option
  - Sets `restartRequired` state to true
  - Displays alert with two restart buttons
  - User chooses preferred restart method

## 6. Safety Features

- **Automatic backup before update:** ✓
- **Service health checks:** ✓
- **User confirmation dialogs:** ✓
- **Clear restart instructions:** ✓
- **Brief service interruption warning:** ✓



## How to Access After Pulling from Main

1. **Pull latest changes:** `git pull origin main`
2. **Navigate to Admin Dashboard**
3. **Go to “GitHub Updates” section**
4. **Click “Update System”**
5. **After successful update:** Restart options will appear automatically



## Current Status

- ✓ **Committed to repository:** Yes
- ✓ **Pushed to GitHub:** Yes (commit: 8c30c57)
- ✓ **Available in main branch:** Yes
- ✓ **Ready for use:** Yes

**Last Updated:** August 16, 2025

**Feature Status:** ✓ **ACTIVE AND AVAILABLE**