



# QA Cache Testing Process

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Brittany Stewart said

For Public Share

## 1. Browser Cache/Front-End Cache Layer

### 1.1. Vercel

- 1.1.1. Test: Verify content updates after revalidation trigger
- 1.1.2. How to test: Clear browser cache + hard refresh
- 1.1.3. Verify: Compare cache headers before/after revalidation

### 1.2. Cache

- 1.2.1. Test: Browser cache headers are set correctly
- 1.2.2. How to test: Inspect Network tab in DevTools

## 2. Goals

2.1. To verify that content and data updates propagate correctly through all cache layers (browser, CMS, and back-end).

### 2.2. Notes:

- 2.2.1. Preview env.
  - 2.2.1.1. Expect: Instant updates
- 2.2.2. Page level changes
  - 2.2.2.1. Expect: Instant updates
- 2.2.3. Site configuration
  - 2.2.3.1. Expect: Instant updates

## 3. CMS Cache Layer

### 3.1. Pages and SEO Configurations Proxy

- 3.1.1. Publish the page
- 3.1.2. Preview in Web Spotlight

### 3.2. Delivery Proxy Settings

- 3.2.1. SEO
- 3.2.2. Settings
- 3.2.3. Pages

### 3.3. Preview Proxy Settings

- 3.3.1. Update

3.3.2. SEO

3.3.3. Settings

3.3.4. Pages

## 4. Backend Cache Layer (DB & API)

4.1. Database/API

4.1.1. How to test: Publish page and check API response

4.2. Cache index

4.2.1. How to test: Update content, search for new terms

4.3. Steps

4.3.1. 1. Make change in CMS Platform

4.3.1.1. Update on CMS Platform

4.3.1.1.1. Show on Preview proxy

4.3.1.2. Publish on CMS Platform

4.3.1.2.1. Show on Delivery proxy

4.3.1.3. Content Types

4.3.1.3.1. Settings

4.3.1.3.1.1. Site Configuration

4.3.1.3.1.2. Header Config

4.3.1.3.1.3. Footer Config

4.3.1.3.2. Pages

4.3.1.3.2.1. Components

4.3.2. 2. Check the CMS Platform Proxies

4.3.2.1. Delivery proxy

4.3.2.1.1. Pages

4.3.2.1.1.1. cache-proxy-[function]

4.3.2.1.1.1.1. Pages

4.3.2.1.1.1.1.1. Eg: Home Page

4.3.2.1.1.1.2. Components

4.3.2.1.1.1.2.1. Eg: UI component

4.3.2.1.2. Settings

4.3.2.1.2.1. cache-proxy-[function]

4.3.2.1.2.1.1. Site Configuration

4.3.2.1.2.1.2. Footer Config

4.3.2.1.2.1.3. Header Config

4.3.2.1.3. SEO

4.3.2.1.3.1. cache-proxy-[function]

4.3.2.1.3.1.1. Redirects

4.3.2.1.3.1.2. Robots

4.3.2.1.3.1.3. Sitemap

4.3.2.2. Preview proxy

4.3.2.2.1. Pages

4.3.2.2.1.1. cache-proxy-[function]

4.3.2.2.1.1.1. Pages

4.3.2.2.1.1.1.1. Eg: Product Detail Page

4.3.2.2.1.1.2. Components

4.3.2.2.1.1.2.1. Eg: Internal Links

4.3.2.2.2. Settings

4.3.2.2.2.1. cache-proxy-[function]

4.3.2.2.2.1.1. Footer Config

4.3.2.2.2.1.2. Header Config

4.3.2.2.2.1.3. Site Configuration

4.3.2.2.3. SEO

4.3.2.2.3.1. cache-proxy-[function]

4.3.2.2.3.1.1. Redirects

4.3.2.2.3.1.2. Robots

4.3.2.2.3.1.3. Sitemap

4.3.3. 3. Clear Cache/Revalidate the Cache

4.3.4. 4. Check Front End/Browser for the change

## 5. Environments

## 5.1. Dev

5.1.1. development-environment

## 5.2. Preview

5.2.1. preview-environment

## 5.3. Production

5.3.1. production-environment

5.3.1.1. For Regression Testing before launch

## **6. Map Legend**

6.1. Red lines: Back-End processes

6.2. Blue lines: Browser/Front-End processes

6.3. Pink lines: CMS processes