1. What is MSM, Blueprint, Live Copy, and Rollout?

MSM, Blueprint, Live Copy, and Rollout

- **Multi-Site Management (MSM):**
  MSM in AEM simplifies managing multiple sites by creating a relationship between a master site (Blueprint) and its copies. It ensures consistent content management across different websites.

- **Blueprint:**
  The Blueprint is the **master** site from which content will be copied to other sites. It serves as the source of truth.

- **Live Copy:**
  A Live Copy is a **linked version** of the Blueprint. It allows the copy to receive updates automatically through **Rollouts**.

- **Rollout:**
  Rollout is the process of propagating changes from the Blueprint to its linked Live Copies.

Use Case Example:

For instance, if the master site is /content/us/en, you can create country-specific sites like /content/ca/en or /content/uk/en using MSM. Changes made in the master site (/content/us/en) can be automatically rolled out to the linked country sites.

2. What is Language Copy?

Language Copy in AEM

A Language Copy refers to a translated version of a site in different language locales. It simplifies the creation of multilingual websites by automating content duplication across languages.

Example:

- **/content/us/en (English)**

- **/content/us/fr (French)**

- **/content/us/es (Spanish)**

AEM provides translation tools to help streamline this process, avoiding manual duplication for each language version.

3. Create a Site Using MSM (US EN as Source)

Steps to Create MSM Site:

1. Go to **AEM Sites → Tools → MSM Control Center**.

2. Create a **new Blueprint Configuration** with /content/us/en as the source.

3. In **Sites**, create a **Live Copy** using the Blueprint.

4. Set up **rollout configurations** to synchronize content updates.

4. Create McDonald's "About Our Food" Page in AEM

Steps to Author the Page:

1. Navigate to **AEM Sites** and create a new page using the **We.Retail template**.

2. Use AEM components to build the page:

   o **Image Component:** Add images from McDonald's website.

   o **Text Component:** Copy text from the original McDonald's "About Our Food" page.

   o **Carousel Component:** Use for banners and images.

3. Structure the layout to match McDonald's "About Our Food" page.

5. Setup Dispatcher on Local

Steps to Install and Configure Dispatcher:

1. **Download the Dispatcher Module:**
   Get the dispatcher module from the Adobe Dispatcher Download.

2. **Install Apache Web Server:**
   Run the following commands to install Apache:

   sudo apt update

   sudo apt install apache2

3. **Configure Dispatcher:**
   Modify the dispatcher.any and httpd.conf files to enable caching and set security rules.

4. **Test Dispatcher:**
   Start the Apache server and test the dispatcher using:

   curl -I http://localhost:80/content/we-retail.html