AEM Training - Day 8 Assignment (27-03-2025)

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

- **Multi-Site Management (MSM):**
  MSM in AEM allows you to efficiently manage multiple sites by creating a relationship between a master site and its copies. This functionality helps streamline the content management process across various websites.

- **Blueprint:**
  The Blueprint is the original source of content that will be copied into other sites. It serves as the master copy.

- **Live Copy:**
  A Live Copy is a version of the Blueprint that is linked, enabling it to receive updates through Rollouts.

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

Use Case:
For example, if the main site is /content/us/en, you can create country-specific sites like /content/ca/en or /content/uk/en using MSM. Changes made in /content/us/en can be rolled out to other country sites automatically.

2. What is Language Copy?

A **Language Copy** refers to a translated version of a site in different language locales, which helps to create multilingual websites. Instead of manually duplicating content for each language, AEM provides translation tools to streamline this process.

Example:

- /content/us/en (English)
- /content/us/fr (French)
- /content/us/es (Spanish)

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

Steps to Create MSM Site:

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

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

3. Navigate to **Sites** and create a **Live Copy** using the Blueprint.

4. Define **rollout configurations** to synchronize content changes.

Reference: AEM Multi-Site Manager Guide

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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 the text content from the original McDonald's page.

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

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

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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 on your local machine to install Apache:

3. sudo apt update

4. sudo apt install apache2

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

6. **Test Dispatcher:**
   Start the Apache server and test the dispatcher by running:

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