

## 27/03/2025 - Tasks

### 1. Understanding MSM, Blueprint, Live Copy, and Rollout

#### MSM (Multi-Site Manager)

- AEM's MSM provides the ability to centrally govern multiple related websites.
- It helps maintain synchronization between websites through Blueprints and Live Copies.

#### Blueprint

- A Blueprint represents a master site template used for replication.
- Edits in the Blueprint can trigger updates across Live Copies.

#### Live Copy

- A derivative of the Blueprint, inheriting design and structure.
- Automatically synchronized using Rollout mechanisms.

#### Rollout

- Pushes changes from Blueprint to Live Copies.
  - Managed via Rollout Configurations that define update behavior.
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### 2. What is a Language Copy?

- A Language Copy is an independent version of a website localized in a specific language.
  - Unlike Live Copies, it does not receive automatic content updates.
  - Example: English: /content/site/en, French: /content/site/fr
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### 3. Creating a Site Using MSM with us/en as the Source

#### Steps:

##### 1. Create Blueprint

- Go to Tools → Sites → Blueprints.
- Define Blueprint using /content/us/en.

##### 2. Create Live Copy

- Navigate to Sites Console, select /content/us/en.
- Click Create → Live Copy → choose destination /content/in/en.
- Apply a rollout config such as "Activate on Modification".

### **3. Perform Rollout Test**

- Update /content/us/en content.
  - Use Live Copy controls to propagate changes.
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## **4. Creating & Authoring the Starbucks Page (about-our-coffee.html)**

### **Steps:**

#### **1. Page Creation**

- Go to Sites → Create → Page.
- Select a custom or WKND template.
- Name the page about-our-coffee.html.

#### **2. Component Authoring**

- Title Component: Add heading "About Our Coffee".
  - Text Component: Insert content related to Starbucks coffee.
  - Image Component: Upload coffee-related images to DAM.
  - Button Component: Include navigational buttons.
  - Carousel Component: Highlight coffee varieties.
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## **5. Setting Up Dispatcher Locally**

### **Steps:**

#### **1. Download Dispatcher**

- Get the latest Dispatcher release from Adobe.

#### **2. Apache HTTPD Configuration**

- Edit httpd.conf to integrate Dispatcher:

- LoadModule dispatcher\_module modules/mod\_dispatcher.so

### 3. Dispatcher Settings

- Update dispatcher.any file:
- /filter {
- /0001 { /type "allow" /glob "\*" }
- }

### 4. Restart Apache

- Use terminal:
- sudo apachectl restart

### 5. Validate Setup

- Visit <http://localhost:80/> and confirm page load from Dispatcher.

OUTPUT :

