

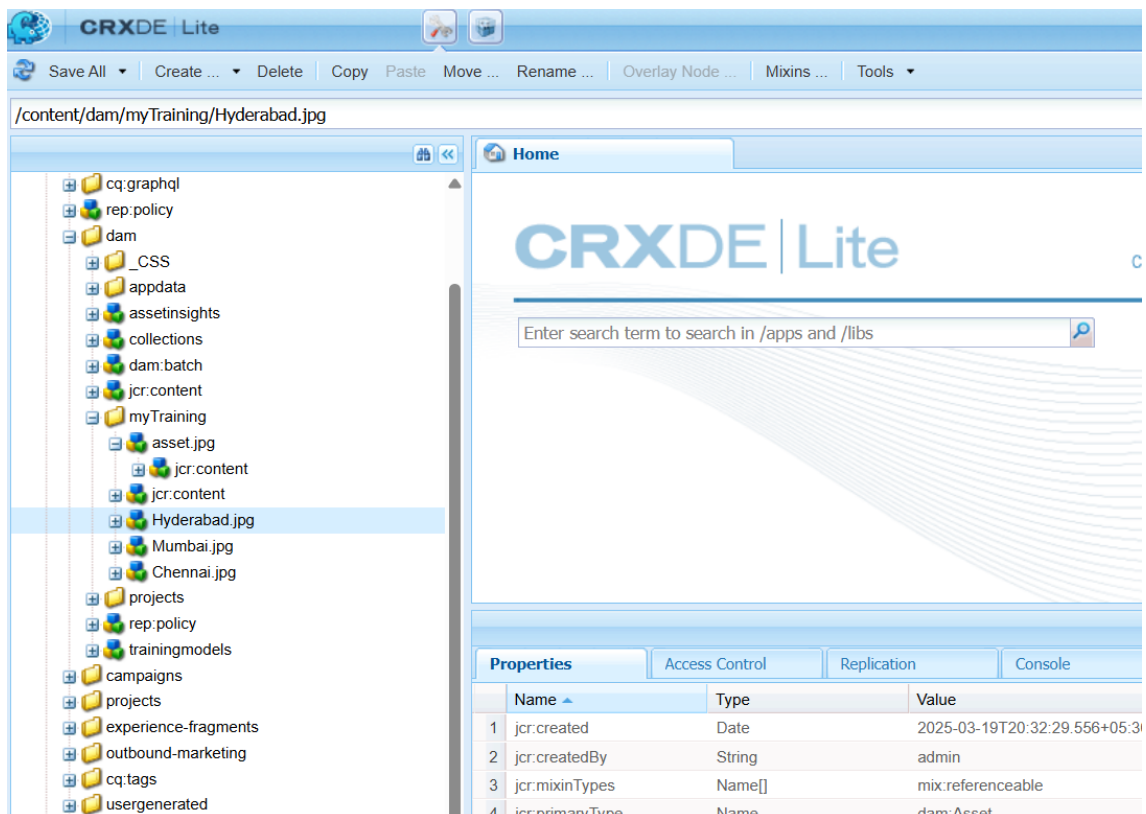
AEM TASK - 2

What is DAM and Why Do We Use It?

DAM (Digital Asset Management) is a centralized system used in **Adobe Experience Manager (AEM)** to store, organize, and manage digital assets like images, videos, and documents. It helps in:

- Storing and categorizing assets efficiently.
- Providing easy access and reusability across multiple AEM pages.
- Offering **renditions** (different versions of an asset for various screen sizes).
- Ensuring workflow automation and metadata management for better asset handling.

Create a Folder in DAM and Upload Images



The screenshot displays the CRXDE Lite web interface. On the left, a file explorer shows a tree structure with folders like 'cq:graphql', 'rep:policy', 'dam', and 'myTraining'. The 'myTraining' folder is expanded, showing sub-items like 'asset.jpg', 'jcr:content', 'Hyderabad.jpg', 'Mumbai.jpg', and 'Chennai.jpg'. The 'Hyderabad.jpg' asset is selected. The main content area shows the 'CRXDE | Lite' header and a search bar. Below the search bar, the 'Properties' tab is active, displaying a table of metadata for the selected asset.

Properties			
	Name	Type	Value
1	jcr:created	Date	2025-03-19T20:32:29.556+05:30
2	jcr:createdBy	String	admin
3	jcr:mixinTypes	Name[]	mix:referenceable
4	jcr:primaryType	Name	dam:Asset

What Are Renditions? How to Check?

Renditions are different versions of an image generated automatically by AEM to optimize performance for various display resolutions (e.g., thumbnails, web-optimized versions).

- Go to Assets → Navigate to the uploaded image.
- Click on the image → View Properties.
- Under the Renditions tab, you'll see the different versions.

The screenshot shows the CRXDE Lite interface. The left sidebar displays a tree view of the content repository, with the path `/content/dam/myTraining/Hyderabad.jpg` selected. The main area shows the 'Properties' tab for this asset. The properties table lists the following data:

Name	Type	Value
1 jcr:created	Date	2025-03-19T20:32:29.556+05:30
2 jcr:createdBy	String	admin
3 jcr:mixinTypes	Name[]	mix:referenceable
4 jcr:primaryType	Name	dam:Asset

Add Two Fields in Hello World Component and Display Them in helloWorld.html

The screenshot shows the CRXDE Lite interface with the `helloWorld.html` file open. The left sidebar shows the tree view with the path `/apps/myTraining/components/helloworld/helloworld.html` selected. The main area displays the HTML code for the component:

```
1 <div class="cmp-helloworld" data-cmp-is="helloworld">
2   <h2 class="cmp-helloworld_title">Hello World Component</h2>
3   <h2>First Name: ${properties.firstName}</h2>
4   <h2>Last Name: ${properties.lastName}</h2>
5 </div>
6
```

Below the code editor, the 'Properties' tab is visible, showing the following properties:

Name	Type	Value
1 jcr:created	Date	2025-03-19T19:36:22.377+05:30
2 jcr:createdBy	String	admin
3 jcr:primaryType	Name	nt:file

Why Use Package Manager?

AEM Package Manager is used to bundle and move content between AEM instances. It helps in:

- Deploying components, templates, and assets across environments.
- Creating backups of components and assets.
- Ensuring consistency across instances.

Configure Replication Agent and Publish the Page

Replication Agents transfer content from author (4502) to publish (4503).

