

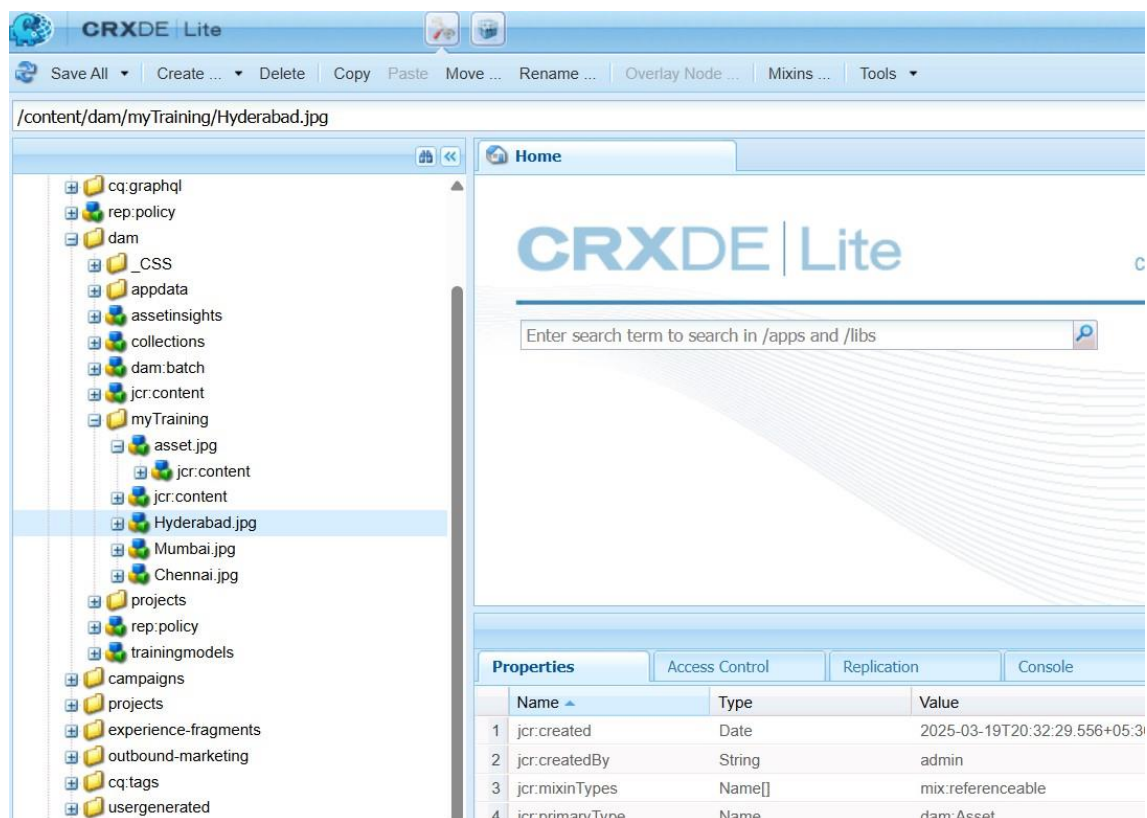
AEM TASK - 2

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. The left sidebar shows a tree view of the content structure, with the path `/content/dam/myTraining/Hyderabad.jpg` selected. The main area shows the 'Home' page with the CRXDE Lite logo and a search bar. Below the main area, the 'Properties' tab is active, showing a table of metadata for the selected asset.

	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 is as follows:

Name	Type	Value
jcr:created	Date	2025-03-19T20:32:29.556+05:30
jcr:createdBy	String	admin
jcr:mixinTypes	Name[]	mix:referenceable
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 in the editor. The code is as follows:

```
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
```

The left sidebar shows the tree view with the path `/apps/myTraining/components/helloworld/helloworld.html` selected. The right sidebar shows the 'Properties' tab for this component. The properties table is as follows:

Name	Type	Value
jcr:created	Date	2025-03-19T19:36:22.377+05:30
jcr:createdBy	String	admin
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).

