

AEM Assets View Update for Power Users, Technical users and Managers

Instructor



My name

My company & role

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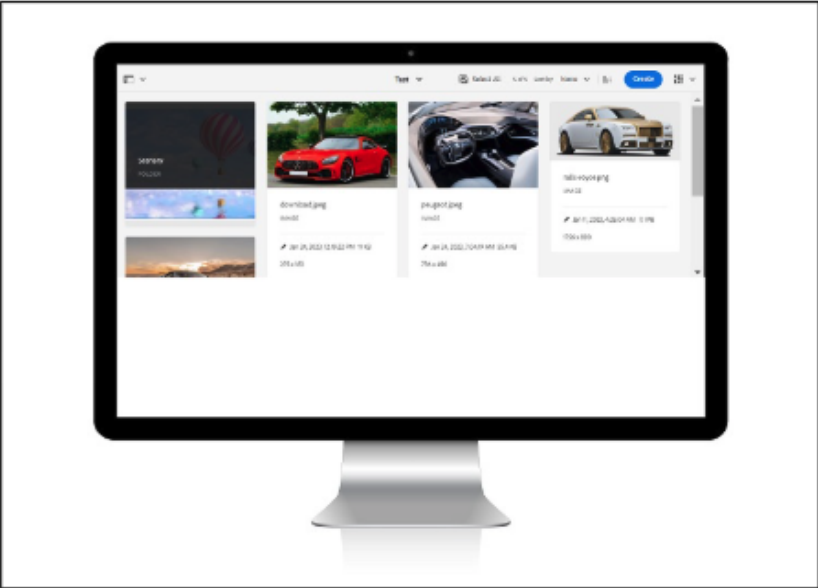
Course Agenda

Module	Name
1	Essential Knowledge and Today's Training
2	UI Foundations
3	Metadata
4	Access Control
5	Customization
6	Insights
7	Takeaways and Questions

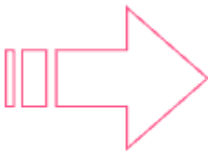
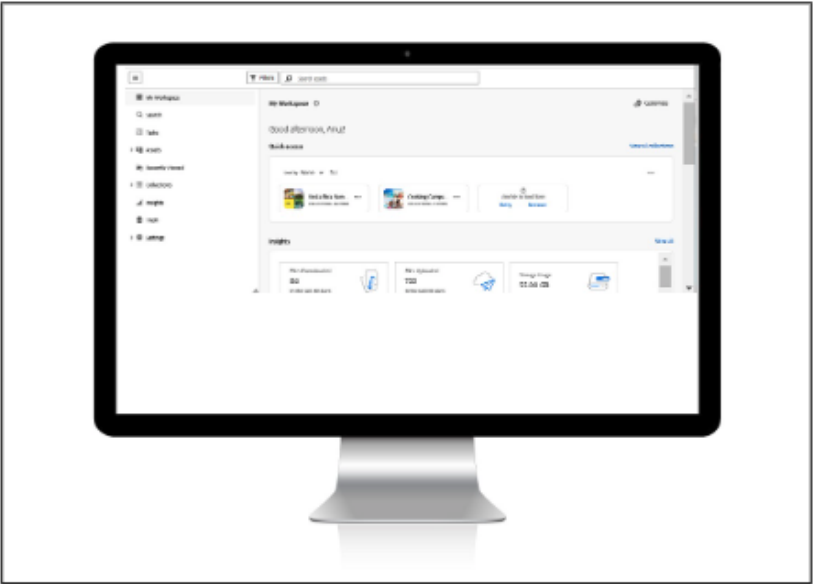
Essential Knowledge in three slides!

The two UIs - Admin View and Assets View

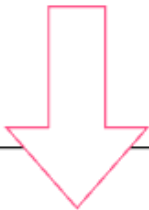
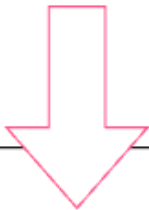
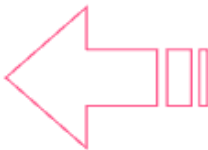
Admin view 



Assets view 

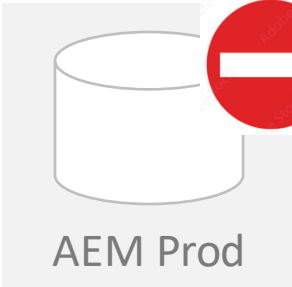
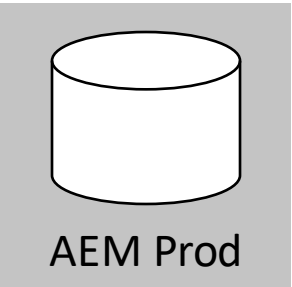
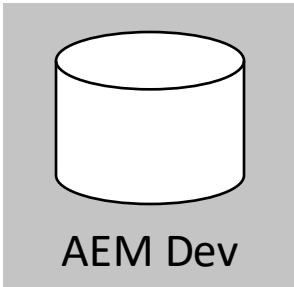
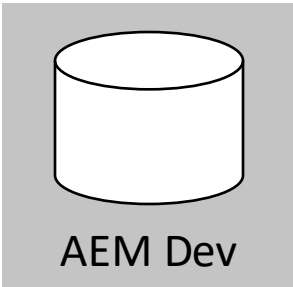
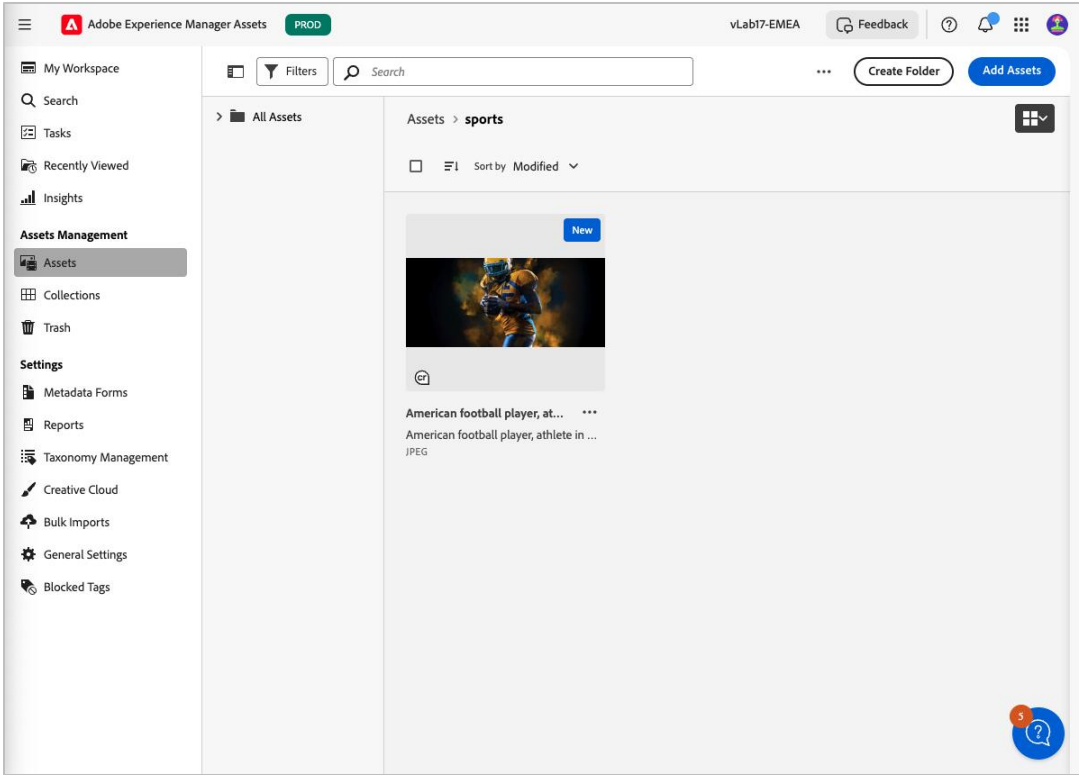
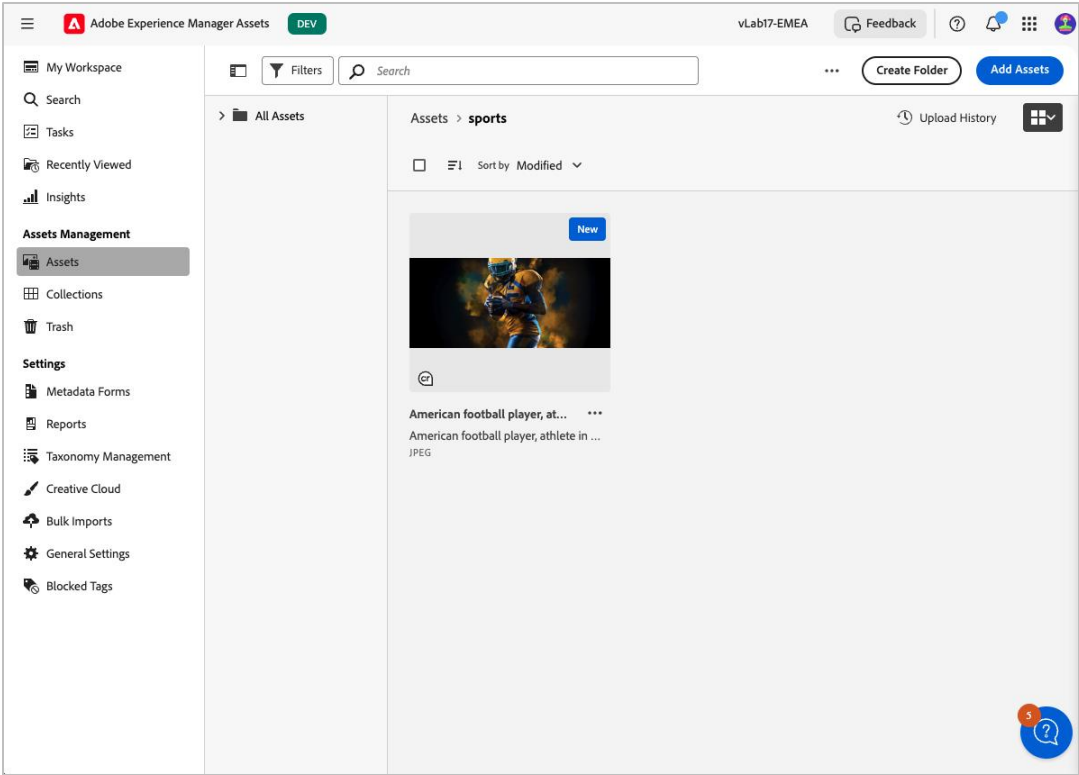


Switch view



Assets as a Cloud Service Repository

Assets and Assets Essentials



The Future

- Customers recommended to adopt Assets View for future-proofing
- New features likely to be only available in Assets View,. Current example: Dynamic Media templates.
- Feedback on missing features actively accepted and influences development prioritization
- Admin View still supported and no sunset
- “Assets View” is the future “Assets”



Today's Training

This Course –What you'll Learn

- Use the basic features of the new Assets View UI
- Identify key differences and new features in Assets View compared to Admin View
- Manage and edit metadata in Assets View
- Look at search behaviour
- Configure permissions in Assets and Admin View
- Understand Assets View customization
- Understand Assets View Insights (analytics)

Is it for you?

- **Yes**, if: you have some AEM experience and want to understand Assets View, key features and implications of migration or adoption
- **No**, if you are an experienced Assets View user looking for the very latest roadmap information or detailed issues and troubleshooting.
- **Maybe** if you're interested in trying out Assets View but are not too worried about the tough bits and the detail (the first half of the course should suit you)

UI Foundations: Concepts and Usage

Quick Facts – Assets View



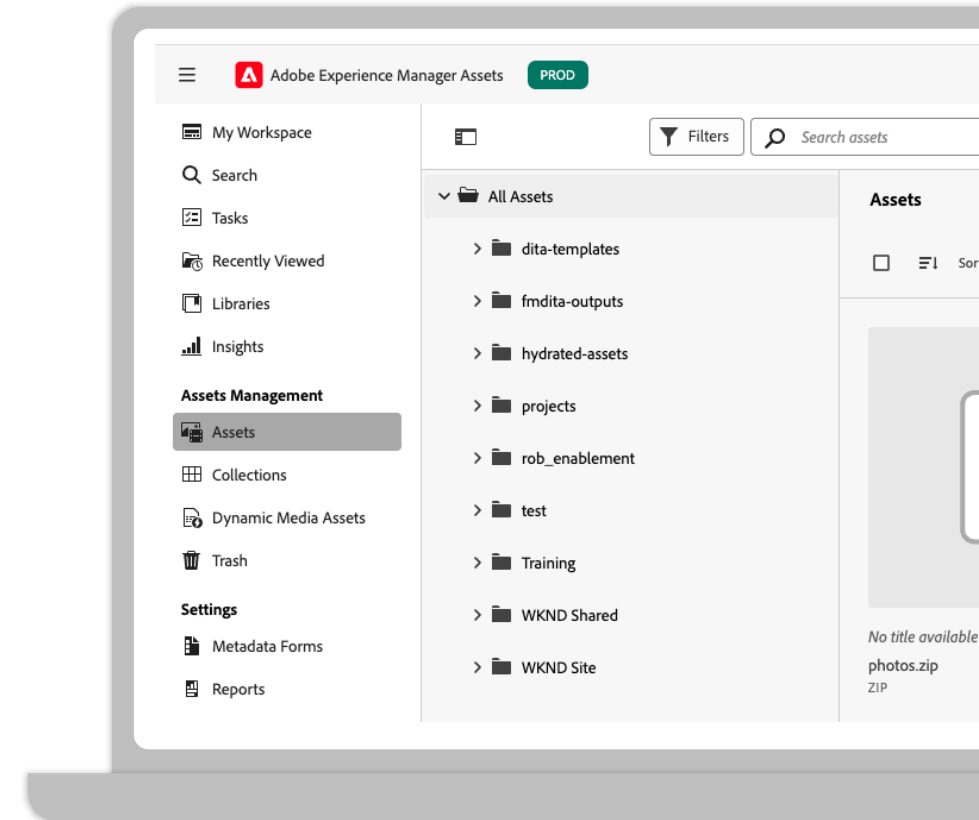
- More modern, responsive UI
- Shared between environments (*select repository* from available environments)
- AEMaaCS only
- Easy adoption for most users, but hidden depths for power users! (hence this course)
- Fewer configuration and customization options than Admin View.

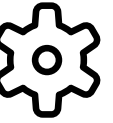


Use Assets View when...



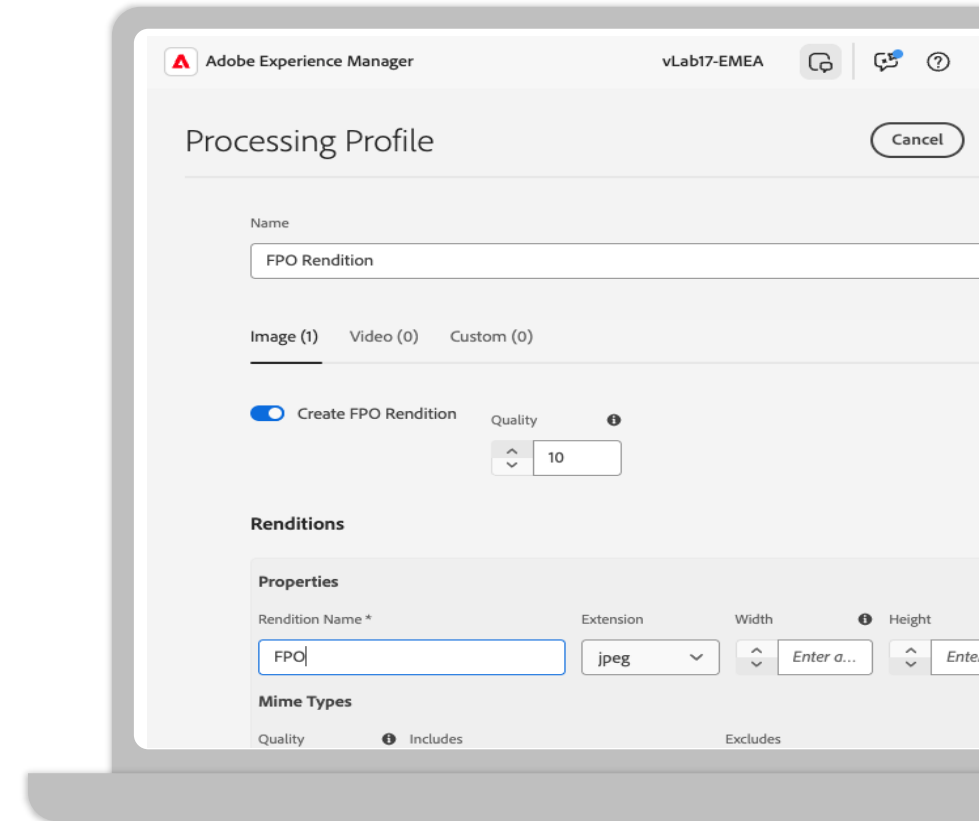
- Work in a **marketer-friendly interface**
- **Quickly** find, annotate, download, collect, and share assets
- Leverage workspace **insights**, pinning, and notifications
- Apply/administer permissions at a basic level or need workspace/insights dashboards
- Use smart crop and DM renditions (for configured assets)
- Using new Dynamic Media templates





Use Admin View when....

- Configuring advanced DAM settings
- Managing processing **profiles and custom renditions**
- Performing bulk operations like metadata import/export
- Assigning granular permissions and user roles
- Building or controlling custom workflows and workflow models
- Generating comprehensive asset and system reports
- Integrating with automation or specialized systems



Search first: Metadata instead of Folder structure

- Search and metadata are the starting point
- Search bar and filters always visible
- Metadata drives all results
- Folder navigation is secondary
- AI and Smart Tags need metadata
- Scales with fast asset discovery
- Find by describing, not by remembering locations



Filters ⓘ

Clear All

Saved Searches

Path

/content/dam

File Type

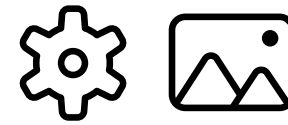
- ☒ Images
- ☐ Documents
- ☐ Videos
- ☐ Folder

File Format



- ☒ image/jpeg (126)
- ☐ image/png
- ☐ application/pdf
- ☐ image/svg+xml

Approval and Publishing



- **Publishing** activates assets for AEM Publish and (Scene7) Dynamic Media
- Setting **Approved** is a governance best practice
- Classic Dynamic Media (Scene7) serves any published asset, regardless of approval status
- Approval is enforced only for Content Hub & Dynamic Media Open API delivery
- Publish = visibility; Approve = control for new delivery channels

Information

Basic Advanced Tags

Status

● No Status

● Approved

● Rejected

● No Status

American Football player on stadium with smoke and lights.

Uploaded by (readonly)

ADLS Student 19

Creation date (readonly)

Sep 17, 2025, 8:19 AM

Modified date (readonly)

Sep 17, 2025, 8:22 AM

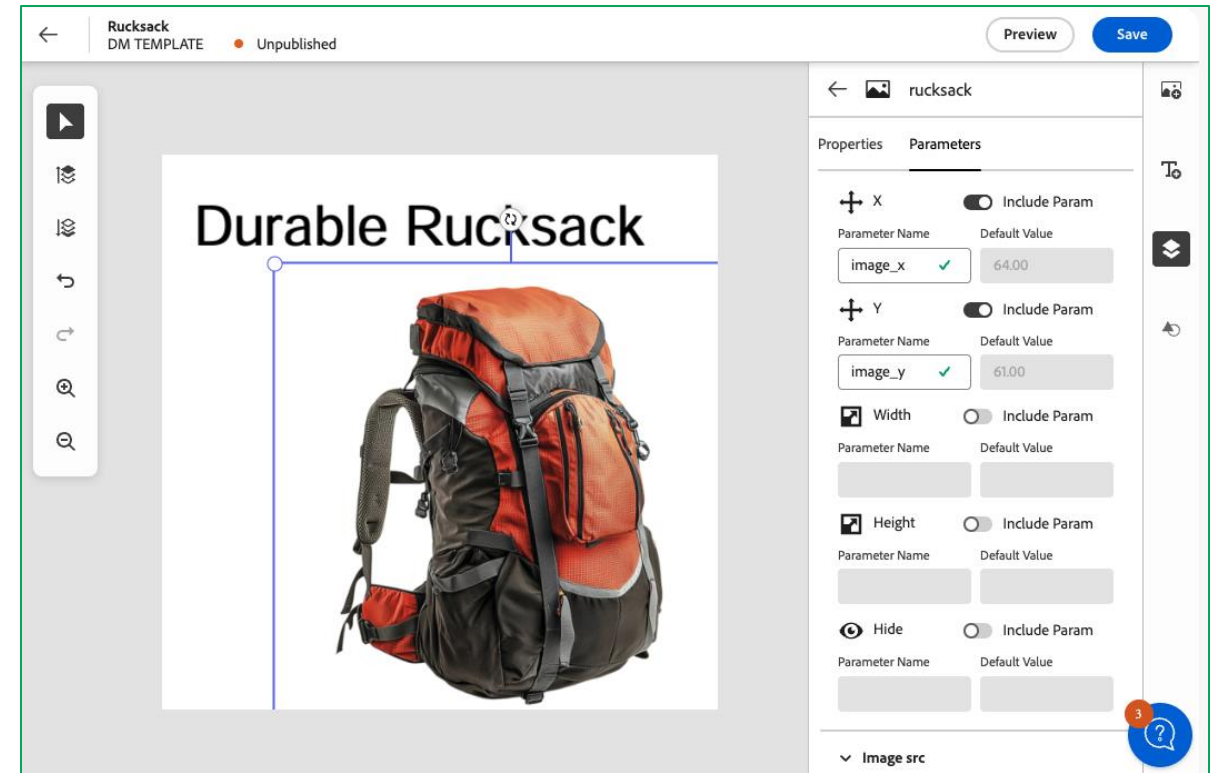
Width (readonly)

8346 px

Height (readonly)

Dynamic Media Templates

- Enable brand-consistent asset variations at scale
- Templates link artwork with dynamic text, colors, or imagery
- Users generate on-brand renditions without creative tools
- Parameters controlled in AEM (no file editing required)
- Streamlined for campaigns, regionalization, personalization



Navigate to Assets View



The screenshot shows the Adobe Experience Cloud interface. At the top, there's a header with the Adobe logo, "Adobe Experience Cloud", a search bar "Search Experience Cloud (⌘+ /)", the user name "Adobe AGS340", and icons for help, notifications, and a grid menu. The main content area displays a greeting "Good afternoon, Rob!" and a large red banner for "Adobe Summit" with the text "The Digital Experience Conference" and a "Watch now" button. On the right, a navigation menu is open, listing various options. A red dashed arrow points from the grid icon in the header to the menu. The menu items are: Home (checked), Analytics, Campaign, Experience Manager, Experience Manager Assets -> Asset View (highlighted with a grey bar), Experience Manager Assets Content Hub, Experience Platform, People (with an external link icon), Software Distribution, and Target. At the bottom of the menu, "Assets" is circled in red with the text "Legacy - don't use" next to it, also with an external link icon.

Adobe Experience Cloud

Search Experience Cloud (⌘+ /)

Adobe AGS340

Good afternoon, Rob!

Adobe Summit
The Digital Experience Conference

Watch now

Recently accessed

- ✓ Home
- Analytics
- Campaign
- Experience Manager
- Experience Manager Assets -> Asset View
- Experience Manager Assets Content Hub
- Experience Platform
- People ↗
- Software Distribution
- Target
- Assets (Legacy - don't use) ↗

Switch between Admin and Assets View



The screenshot displays the Adobe Experience Manager Assets interface. The top navigation bar includes the Adobe logo, the text "Adobe Experience Manager Assets", a "PROD" environment indicator, the organization name "Adobe AGS340", a "Feedback" button, and icons for help, notifications, and a user profile. The left sidebar contains navigation links: "My Workspace", "Search", "Tasks", "Recently Viewed", "Libraries", "Insights", "Assets Management", "Assets", "Collections", "Dynamic Media Assets", and "Trash". The main content area shows a greeting "Good afternoon, Rob!", a banner for "Create something Express", and an "Insights" section. A user menu is open on the right, showing the user's name "Rob Freeman", email "rfreeman@adobe.com", and a "Dark theme" toggle. Below this, the menu is categorized into "Account Settings" (including "Organization: Adobe AGS340", "Preferences", and "Legal notices") and "Product Settings" (including "Switch view" and "Select Repository"). A "Sign Out" option is at the bottom. Red annotations highlight the "Switch view" and "Select Repository" options in the "Product Settings" section, with a red arrow pointing to the user profile icon in the top right.

My Workspace

Search

Tasks

Recently Viewed

Libraries

Insights

Assets Management

Assets

Collections

Dynamic Media Assets

Trash

My Workspace ⓘ

Good afternoon, Rob!

Create something Express

Insights

Rob Freeman
rfreeman@adobe.com

Dark theme ⓘ

Account Settings

Organization: Adobe AGS340

Preferences

Legal notices

Product Settings

Switch view

Select Repository

Sign Out

To Admin View (and back)

Dev/stage/prod/preview

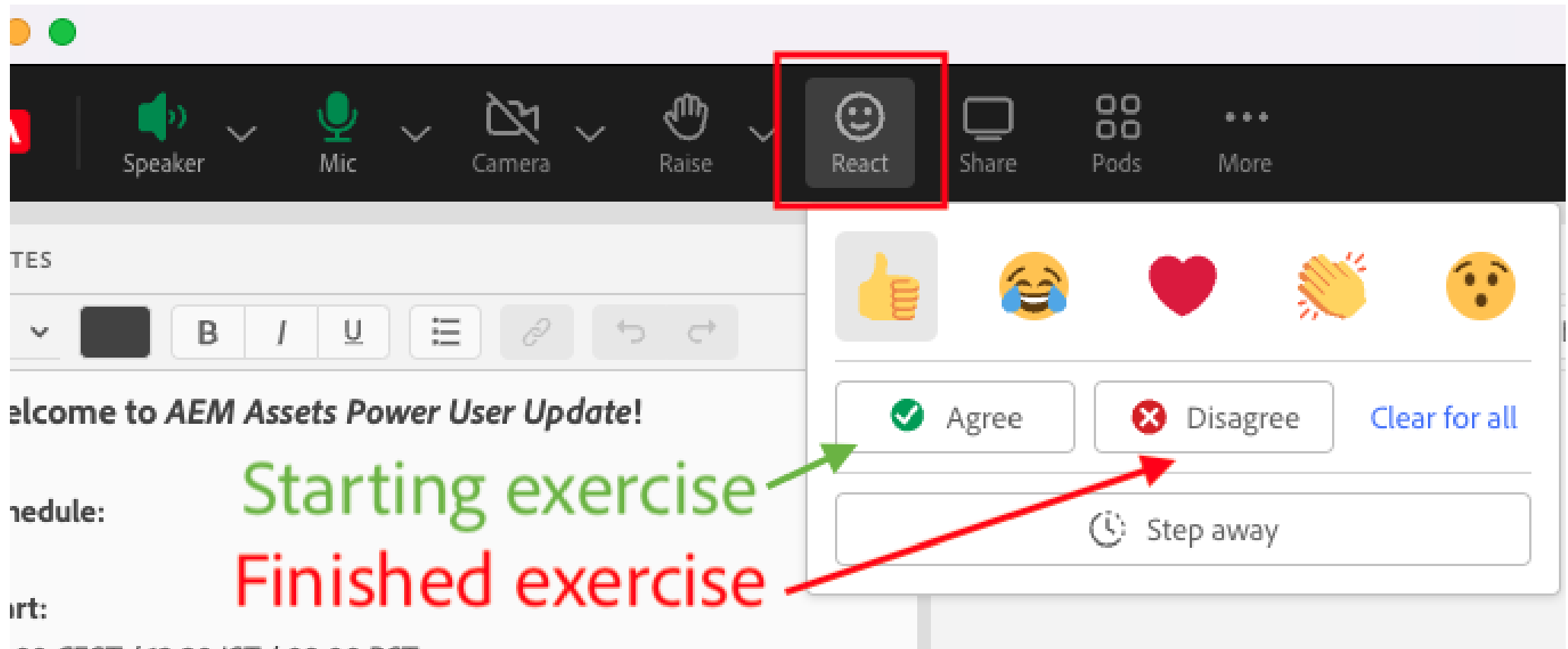
Activity 1.1 – Assets View Core Functionality



- Try out the UI
- Complete simple upload
- Edit image in Adobe Express
- Use versions
- Publish
- Explore Dynamic Media renditions
- Metadata first look
- Search first look

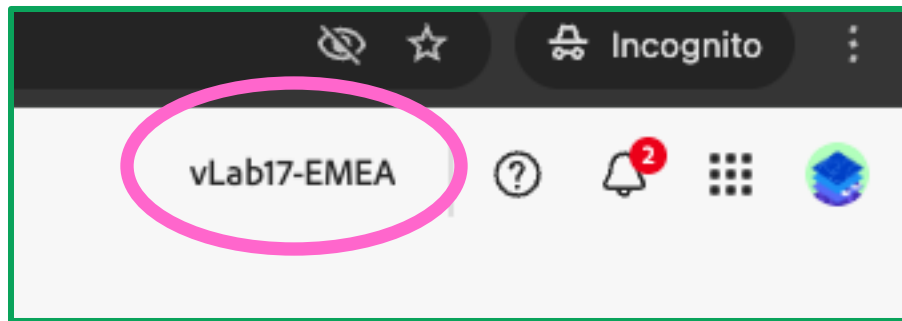
Instructor Demo

Marking Engagement



Access the Experience Cloud

- Navigate to **experience.adobe.com** in a clean browser (*incognito window*)
- Login using credentials from instructor
- If asked to choose an organisation, choose **vlab17-emea**. Check again after login



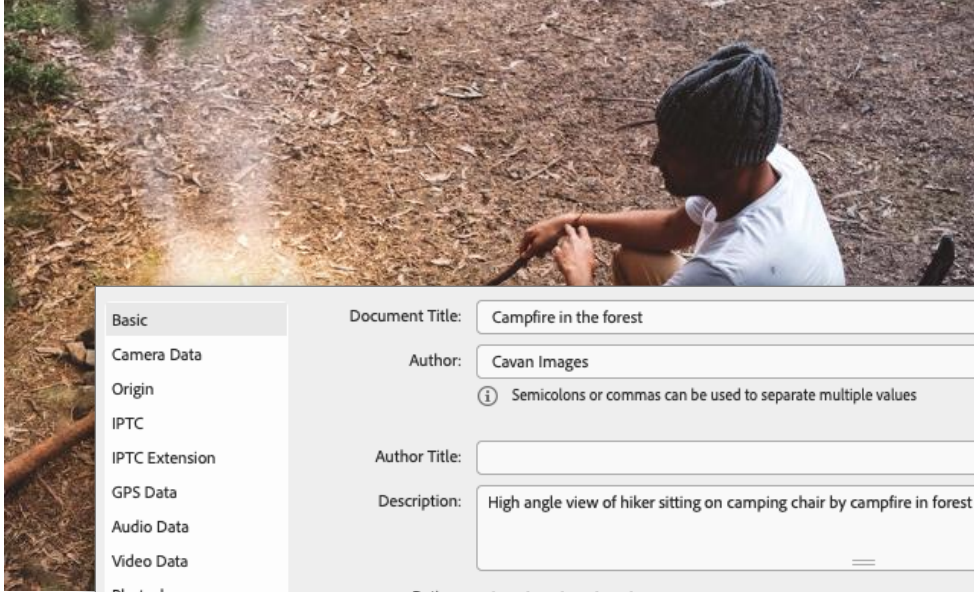
- Follow the instructions in the PDF guide:
Workbook_Assets_Power_User_Update__Assets_View.pdf

Metadata and Search

Metadata in AEM Assets: Two UIs, Two Systems



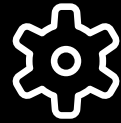
- Same metadata extraction during image processing
- Metadata management differs between Assets View and Admin View
- Admin View uses **Metadata Schemas**, supporting power users, librarians etc
- Assets View uses **Metadata Forms**, supporting simpler information for end users



The image shows a hiker sitting on a camping chair by a campfire in a forest. Overlaid on the bottom right is a metadata form with the following fields:

- Basic** (selected in the left sidebar)
- Document Title:** Campfire in the forest
- Author:** Cavan Images
Semicolons or commas can be used to separate multiple values
- Author Title:**
- Description:** High angle view of hiker sitting on camping chair by campfire in forest
- Rating:** ☆☆☆☆☆
- Description Writer:**
- Keywords:** hiker; sitting; camping chairs; campfire; forest; burning; nature; adventure; remote; relaxation; tourist; recreation; fire; side view; woods; camping; destinations; australia; flame; carefree; exploration; hiking; casual clothing; getaway; heat; victoria; high angle view; knit hat; resting; woodland; tourism; vacation; full
Semicolons or commas can be used to separate multiple values
- Copyright Status:** Unknown
- Copyright Notice:** ©Cavan Images - stock.adobe.com

Admin View: Metadata Schemas



- Configure in Schema Editor (Tools > Assets > Metadata Schemas)
- Full control over visible, required fields
- Set validation rules and layouts
- Apply by file type or folder
- Maps metadata to repository
- Admin permissions required

Metadata Schema Form Editor

Basic x

Advanced x

IPTC x

IPTC Extension x

Camera Data x

+

Metadata

☐ Section

Title

T Text Field

Description

T Text Field

Type

T Text Field

Language

Dropdown Field

Select Option

Tags

Tags

Scheduled (de)activation

☐ Section

On Time (MM-DD-YYYY HH:mm)

Date Field

Off Time (MM-DD-YYYY HH:mm)

Date Field

Compositions

☐ Section

Dependencies

Asset Referencing

Member of Sets

No Sets Found.

Assets View: Metadata Forms



Simple setup in visual editor

Controls fields on Asset Details page

Limited layout & validation options

Assign by MIME type or folder (new!)

Default forms shown unless
customized

Easier for most users

COMPONENTS



Accordion Container



Single Line Text



Multi Line Text



Multi Value Text



123

Number



Checkbox



Dropdown



Date



State



Asset Status



Tags



Keywords



Smart Tags



Basic

Advanced

Status

● No Status

Expiration date

mm / dd / yyyy

Title

Description

Uploaded by

Creation date

mm / dd / yyyy

Schemas vs Forms: Key Differences (September 2025)



	Admin View (Touch UI)	Assets View
Layout	Full control: tabs, groups, layout	Limited layout: Basic/Advanced tabs only
Validation	✔ Yes: required fields, regex, rules	✗ No required fields, regex, or rules
Mapping	✔ Yes: full JCR property mapping (e.g., dc:title)	✔ asset properties only; no custom paths (custom / arbitrary metadata)
Targeting	MIME type + folder path, with inheritance	MIME type or folder path, but only one form applies (overwrites)
Merge	✔ Yes – schemas can merge from multiple folder levels	✗ No merge – folder-level form replaces MIME-type form
Access	Admins only (via Tools > Assets > Metadata Schemas)	Power users via Settings or Folder Properties

Metadata storage



- Metadata is stored in the content repository (JCR)
- UI just filters what is shown to users
- Upload method doesn't affect the stored metadata

Properties				Access Control	Replication	Console
	Name ▲	Type	Value			
1...	dam:Physicalwidthindpi	Long	72			
1...	dam:Physicalwidthinches	Decimal	18.23611068725586			
1...	dam:Progressive	String	no			
1...	dam:TimeCreated	String	171651-0700			
1...	dam:extracted	Date	2022-08-12T17:02:51.36			
1...	dam:predictedColors	Long[]	12026, 16021, 24015, 13			
1...	dam:scene7PublishPending	Boolean	true			
1...	dam:sha1	String	dfce92c03eb3ea5f61dab			
1...	dam:size	Long	278802			
1...	dc:creator	String[]	Philip Schubert			
1...	dc:creator_xmpArrayType	String	rdf:Seq			
1...	dc:date	Long[]	20140907			
1...	dc:date_xmpArrayType	String	rdf:Seq			
1...	dc:description	String	The Lennard River carve			
1...	dc:format	String	image/jpeg			
1...	dc:modified	Date	2019-10-24T15:41:14.47			

Importing Schemas to Forms



- Schemas from Admin View can be imported into Assets View
- Resulting form is disconnected from original schema
- No live sync or merge; imported form must be maintained separately

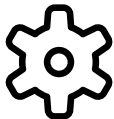

Exercise 1.2: Explore Metadata Changes

- Use Switch View to access Admin View
- Open the same asset, inspect metadata via Properties
- Compare with what was shown in Assets View

Exercise 1.3: Understand Metadata Forms

- Create a new metadata form based on a template (existing form)
- Apply the new form to your training assets folder
- Access the Metadata schema import tool

Metadata Usage

Role	Best Interface		Typical Task
Administrator / librarian	Admin View		Designing and enforcing metadata standards, inheritance, complex rules, packaging for deployment
End User/Marketer	Assets View		Searching, editing, viewing basic metadata, bulk updates, campaign tagging

Search Capabilities – Assets View

- Assets View search supports powerful features such as fuzzy search, boolean search, proximity, wild card, and suggestions.
- Assets View supports *contextual search*: natural language input;
 - E.g., “images of mountains uploaded in the last month”
- Assets View uses AI for ranking results

Properties

Label

TextField

Metadata *

(damActivationTarget)

Format (dc:format)

Title (dc:title)

Dc Description (dcDescription)

Dc Subject (dcSubject)

Dc Title Lower Case
(dcTitleLowerCase)

Cq Discard State (discarded)

Dita Class (ditaClass)

Has C2pa Manifest
(hasC2PAManifest)

Has Valid Metadata
(hasValidMetadata)

Is Ai Generated (isAiGenerated)

Jcr Description (jcrDescription)

Off Time (offTime)

On Time (onTime)

Exercise 1.4: Explore Search Features

- Access search settings
- Understand search filter configuration
- Test drive contextual search

Metadata and Search Summary



- Assets View uses forms, Admin View uses schemas
- Forms and schemas are UI filters, not data stores
- Same metadata exists in the repository regardless of UI
- Search in Assets View is different to Admin View: more capable in some ways, less in others
- Use the right tool for the right job

Access Control

Introduction to Permissions



- Admin View and Assets View each offer permissions management directly in the UI.
- Meta Data Driven Permissions break the link between content structure and ACLs – a major change for AEM
- Assets View and Admin View share permissions, but caution and governance is needed



Access Control Part 1

Metadata Driven Permissions

Introduction to Metadata-Driven Permissions

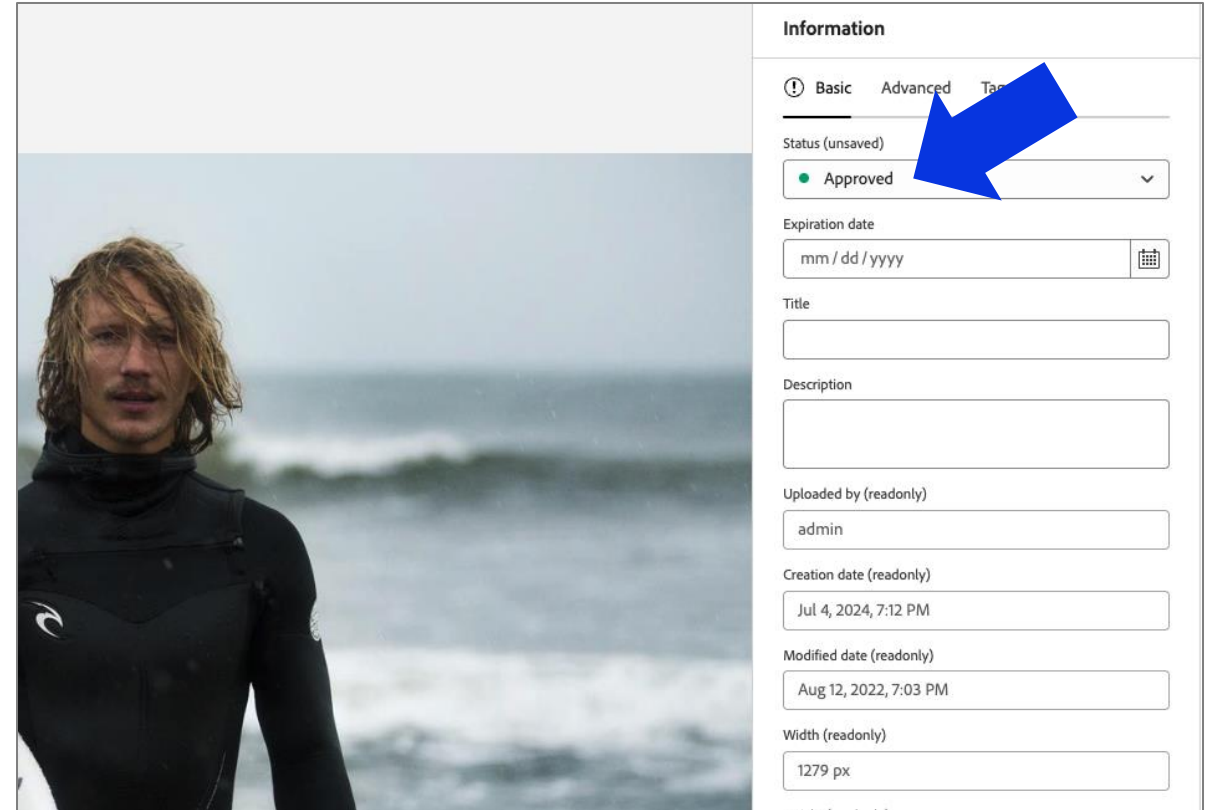


- Enforces access control based on asset metadata values
- Released in late 2024 (AEM as a Cloud Service only)
- Works in both Assets View and Admin View

Use Case – Approved Asset Visibility



- Objective: Show only approved assets to non-privileged users
- Metadata field used: dam:status
- Contributor group: only sees assets where dam:status = approved
- All other assets are hidden, regardless of folder location



Why Use Metadata Driven Permissions?



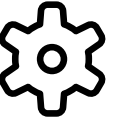
- Supports business rules like “Only show approved assets to external users”
- Enables automation-friendly governance
- Reduces reliance on brittle folder-level ACLs
- Improves scalability in large repositories

Demo 2.1: Setting Metadata Driven Permissions

- Add permissions for Contributors group:
 - Deny read access to the Magazine folder
 - Allow read where dam:status = approved
- Login as contributor and verify
 - Assets with "approved" status are visible
 - Others are hidden

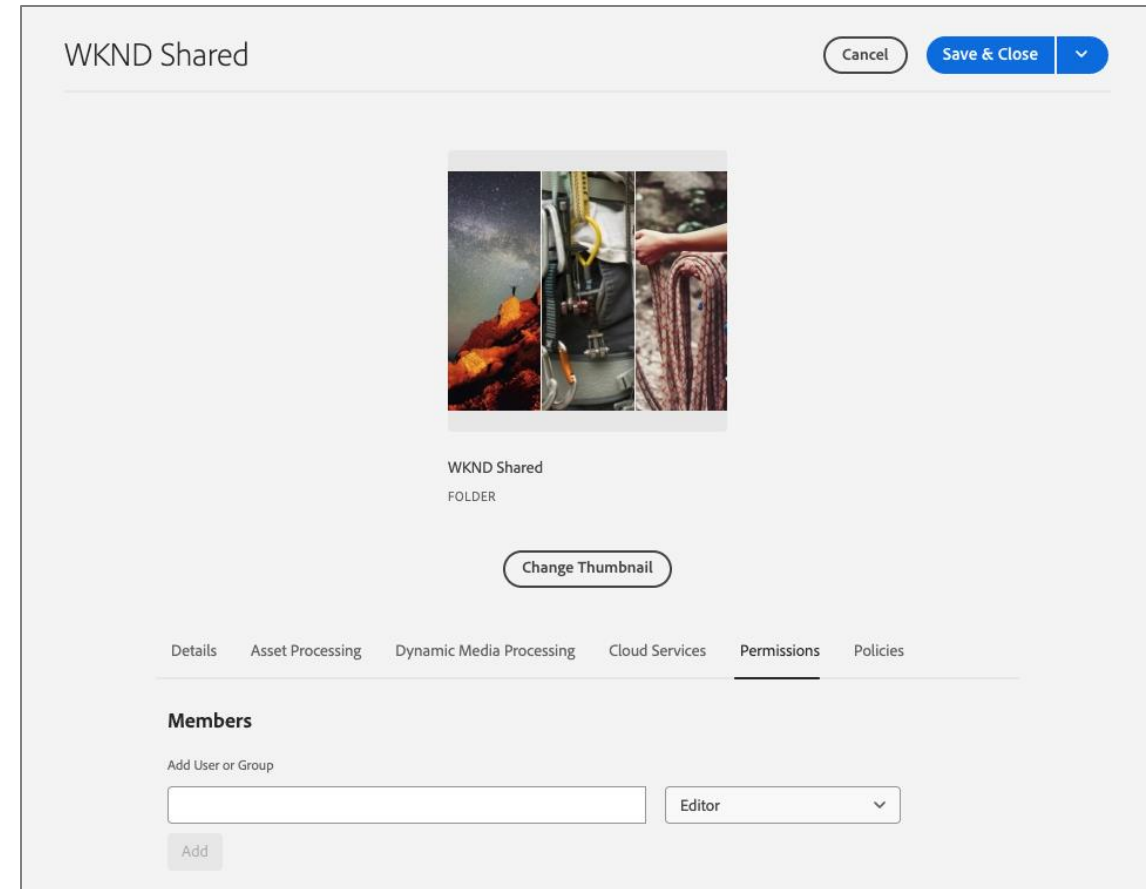
Access Control Part 2

Folder Permissions



Admin View Folder Permissions (Touch UI)

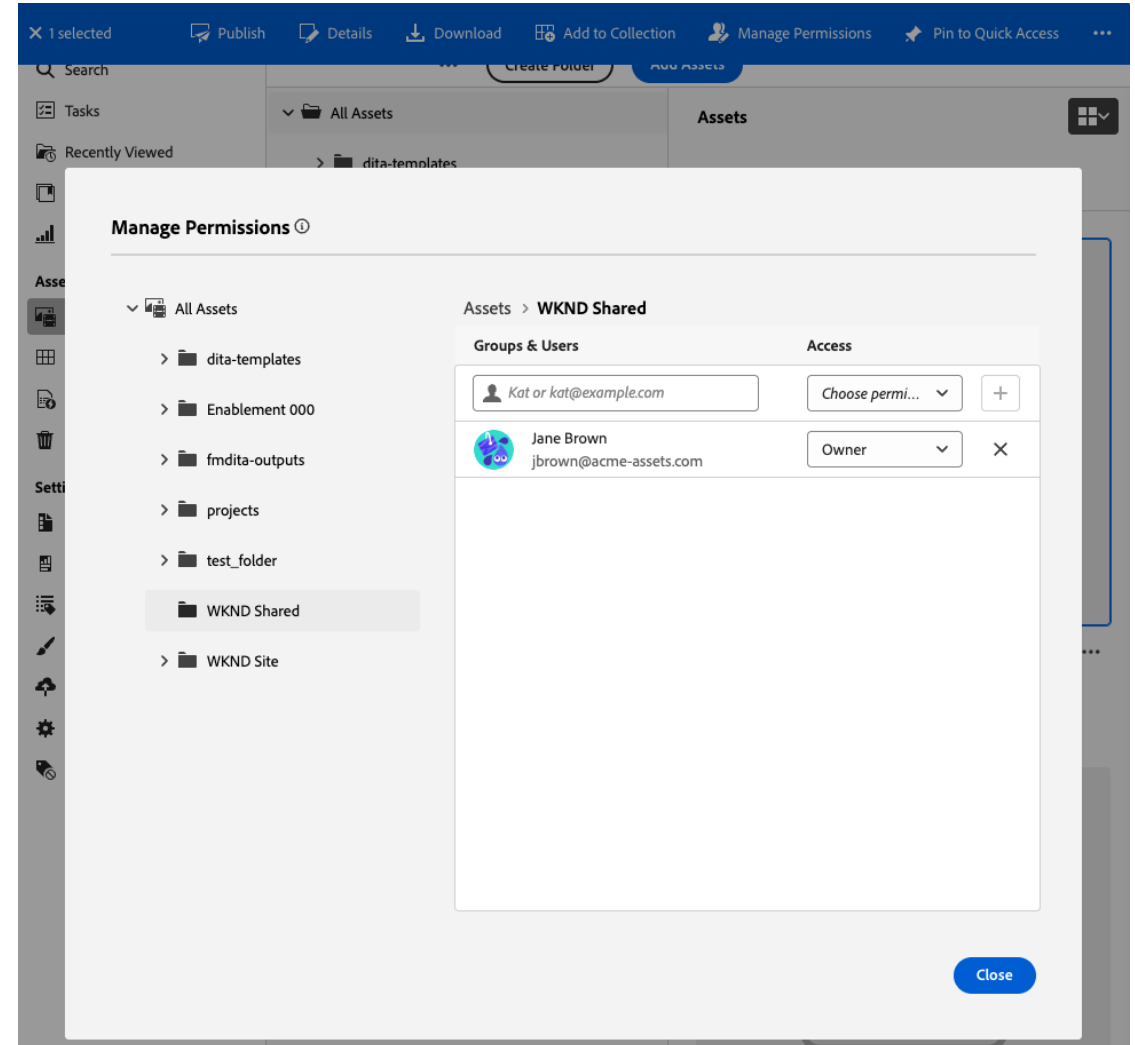
- Traditional AEM ACL-based permissions.
- Folder-level permissions set via folder Properties > Permissions tab.
- Assign basic roles directly: Owner, Viewer, Editor.
- Simple UI.



Assets View: Folder Permissions



- Simplified permissions accessed via Manage Permissions in the toolbar.
- Similar basic roles: Viewer, Editor, Owner.
- Visually separate, yet permissions affect the same underlying ACLs as Admin View.



Folder Permissions - Reliability and Governance Challenge



- **Admin View:** Hides inherited or existing ACLs from Assets UI.
- **Assets View:** Hides inherited or existing ACLs from Admin UI.
- I.e. Edits from one view aren't *visually* reflected in the other.
- But: they are both effective (AEM will merge and calculate effective permissions).
- ACLs edited in the UI are not persisted and versioned in the codebase, not part of a development/testing lifecycle and not copied to non-production environments (all unless specifically resolved through custom implementation/process).

! Use either **Admin View** *or* **Assets View** folder permissions (not both) *or* **consider avoiding ACL management in the UI altogether.**

Activity 2.2: Folder Permissions Management

- Manage Permissions in Assets View
- Grant user “Can Edit” role
- Check permissions in Admin View
- Management permissions in Admin View
- Check permissions in Assets View
- Observations

Access Control in AEM Assets – Key Takeaways



- **Metadata-Driven Permissions** use metadata values like `dam:status` to restrict asset access.
- **Folder-level ACLs** can be applied from both Admin View (detailed) and Assets View (simplified).
- Both UIs write to the same JCR ACLs—but visual changes do not sync between UIs..
- To avoid conflicts, always manage each folder's ACLs in only one UI.
- Apply MDDP with developer oversight and avoid overlapping ACLs and Metadata rules.
- Consider avoiding folder permission management in the UI tools of both Assets and Admin Views.

Quiz: Access Control in AEM Assets



- **What does the Metadata Driven Permissions system use to determine access?**
 - A. Folder name
 - B. MIME type
 - C. Metadata field values
- **Can Assets View permissions override Admin View ACLs?**
 - A. No, they can conflict but no clean override
 - B. Yes, they edit the same underlying ACLs
 - C. Only if the user is an admin

A solid red vertical bar is positioned on the far left side of the image, extending from the top to the bottom.

Customization

Extensibility Overview



- New extensibility options using the Assets View's React-based framework allow for agile, modern integrations.
- **App Builder Extensions:** Developers can inject custom panels, actions, and asset detail overlays using Adobe App Builder
- **UI Customization:** Some UI components (e.g., widgets, overlays) can be extended using APIs.
- **Workspace Integration:** More integration points with Adobe Workfront, Express, and future Content Hub.

Extensibility – Limitations and Challenges



Limitations:

- No support for classic Granite overlays or admin-side plugins as in Touch UI.
- Extension points are growing, but not feature-complete—customization may require hybrid approaches referencing both UIs.
- No bulk workflow triggers/extensions as of now.

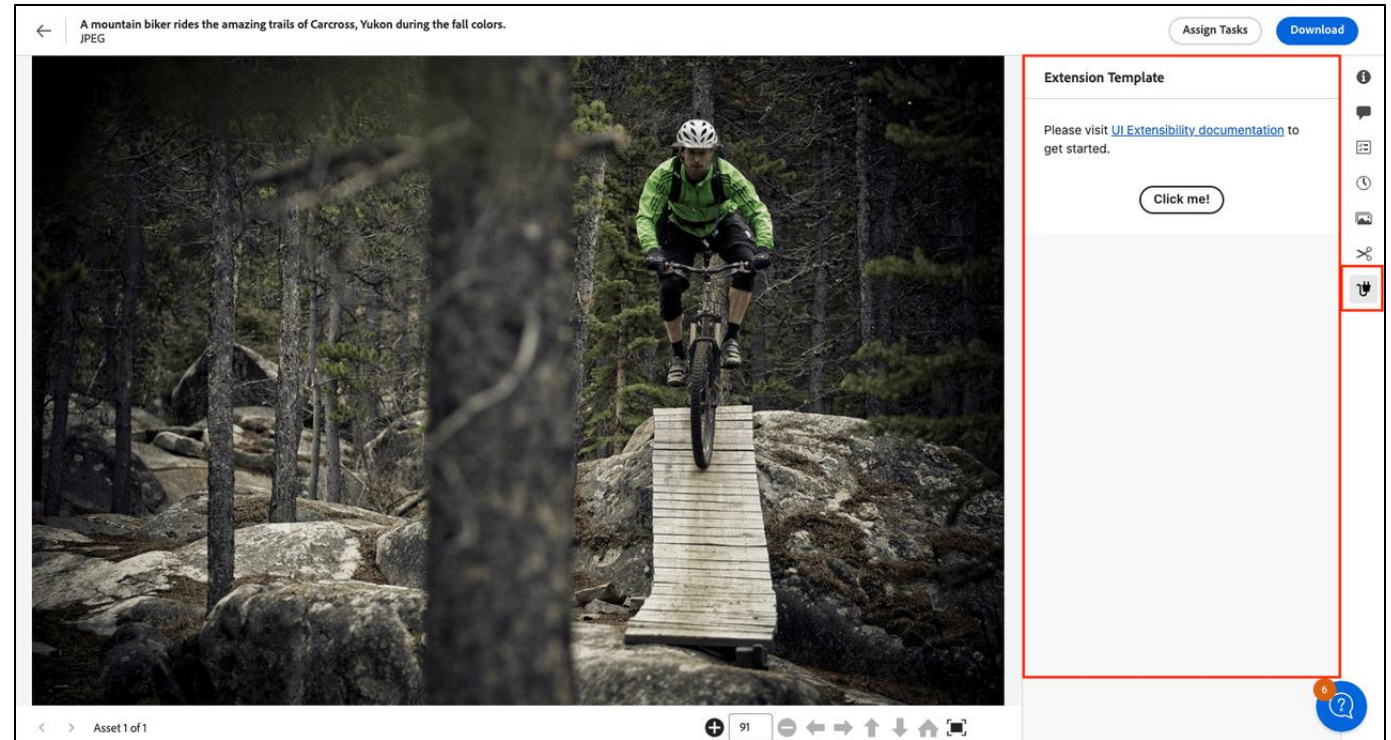
Challenge:

Custom Admin View extensions and customizations may need to be rebuilt for Assets View, or may not be currently possible (work with Adobe to overcome!)

Use Case: "Download As" Panel



- Custom panel in Details view
- Users select format (JPEG, PNG), file size, DPI
- Download button triggers Dynamic Media API
- Built with App Builder and UI Extensibility SDK
- Fully upgrade-safe and modular



Key Takeaways



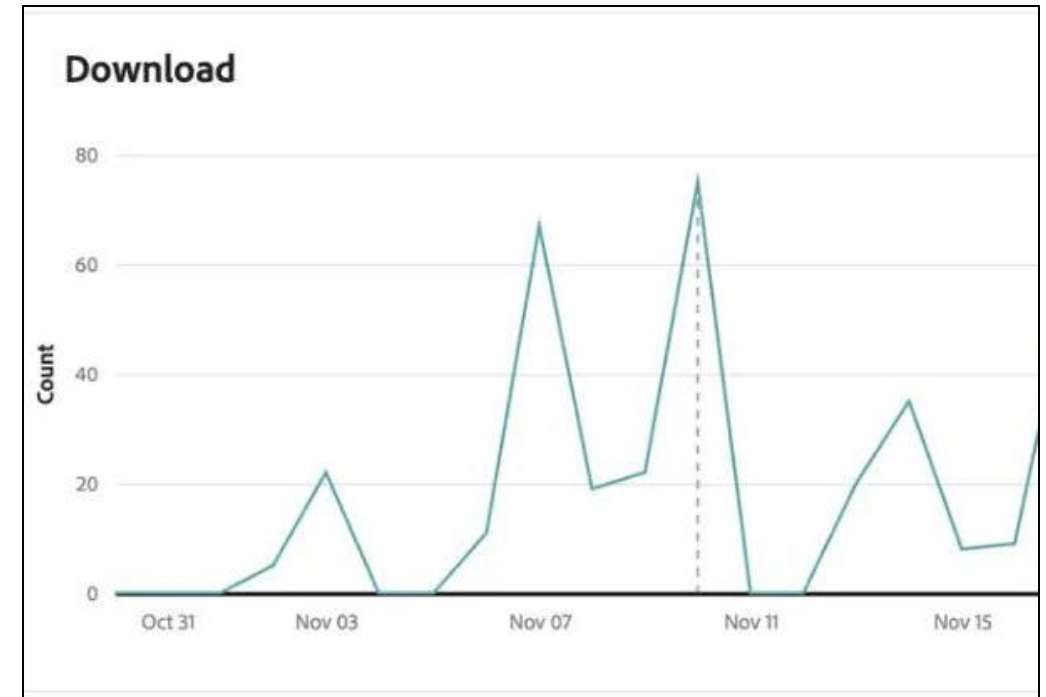
- Assets View: config-focused, limited scope
- UI Extensibility unlocks power—but needs Assets Ultimate
- OOTB: rapid, light customizations
- Governance matters—plan extensions carefully

A solid red vertical bar runs along the left edge of the slide.

Insights

Insights

- My Workspace: dashboard with recent activity/usage
- Asset details: download count, last modified, etc.
- Subscriptions: notifications for content updates
- Insights: search trends and usage patterns
- Features may evolve—check documentation for latest



Top Searches		Since 30 days
Search	Count	
uxxtest	13	
bino-nested-1	7	
bino-test	4	
Module3_Manage Assets Metadata	4	
apogupta	4	

Insights – Limitations and Challenges



- No custom analytics or report export in Assets View; use Admin View for advanced needs
- No built-in tracking of asset usage on external sites—third-party integration required

Key Course Takeaways

- Assets View is a great addition to the AEM Assets ecosystem and evolving rapidly
- Assets View promotes metadata/search-first design
- The same underlying AEM repository and AEM asset processing is used for both Assets View and Admin view
- Apply governance to permissions management if UI tools are used
- Metadata UI configurations and application are different but complementary, suiting the target user groups
- Assets View UI configuration and customization is limited compared with Admin View
- Expect change!

Key Takeaways and Questions

Questions?



Adobe