AEM Assets Webinar

Configuring the DAM for Enterprise Use Cases

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Agenda – Configuring the DAM for Enterprise Use Cases

- Welcome

- Desktop App Update

- AEM 6.1 Service Pack 2 Update

- Large Ingestion Update

- Assets Best Practices

- Q&A

- Wrap Up

Digital Transformation is changing the game

Digital transformation and content velocity has resulted in an ever increasing size of a master asset as well as the need for more assets

- File size has evolved significantly

  - 2-3 years ago: 10-20MB

  - Today: 100-500MB

  - **Tomorrow: up to 20GB**

- Number of assets has evolved significantly

  - 2-3 years ago: 10's of thousands

  - Today: 100's of thousands

  - **Tomorrow: millions**

Web

Mobile

Social

Multi-screen

Email

Web

Business Challenges

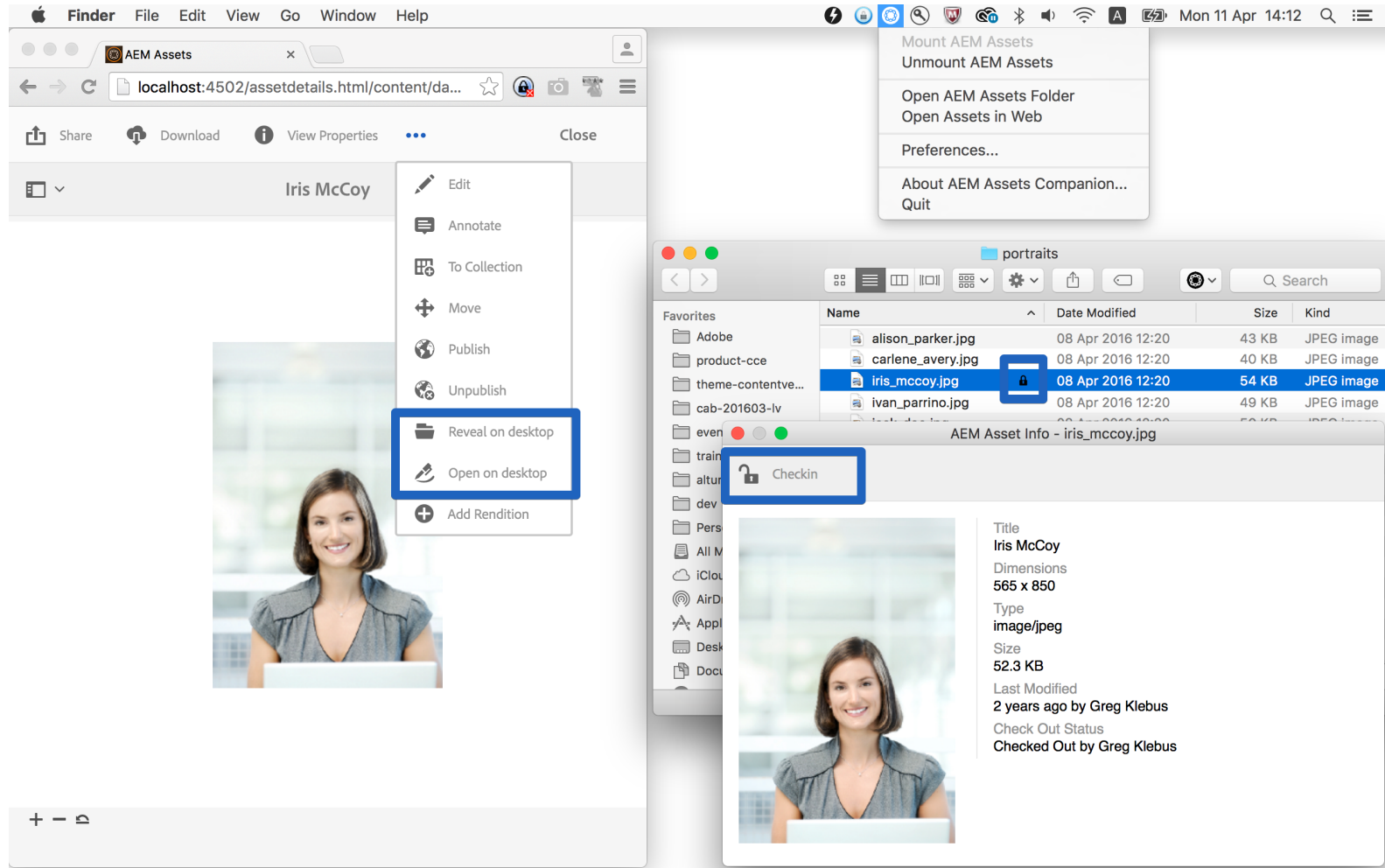Large Scale Asset Ingestion

Simplified Access to the DAM

How do I make an efficient DAM?

AEM Desktop App V 1.3

Mac OS X: GA 16 Sep 2016 | Windows: Oct 2016

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AEM Desktop App

AEM Desktop App maps digital assets from AEM Assets to the local disk to better link them to desktop work

- Search for assets in AEM and reveal them on desktop
- View thumbnail / preview, metadata
- Open / use assets in desktop apps
- Check-in/out and save

"WebDAV is soooo chatty!
And non-standard for our IT"

"Users are frustrated waiting for file saves to complete"

"Asset timeline can look weird after saving a file"

"Just fix it"

AEM Desktop App 1.3

What is new in AEM Desktop App 1.3 for Mac OS X

https://docs.adobe.com/docs/en/aem/6-2/desktop-app-release-notes.html

Key theme - performance and stability

Enhancements

- Caching / Performance improvements
- Feels more like a local disk: Better support for saving directly from desktop apps (PS, ID, AI, etc)
- Better Mac OS integration: AEM Assets visible as SMB shares, not less stable WebDAV shares
- IT-infrastructure-friendly: Native AEM HTTP protocol used to communicate with AEM server

AEM Desktop App 1.3 – Everything you need to know

Information: Release Notes, Documentation, Troubleshooting

- https://docs.adobe.com/docs/en/aem/6-2/desktop-app-release-notes.html

- https://docs.adobe.com/docs/en/aem/6-2/administer/integration/aem-desktop-app.html

- https://helpx.adobe.com/experience-manager/kb/troubleshooting-companion-app.html

Installation: Desktop **and** Server components required

Desktop installation – download the .dmg file and install on all desktop machines

- https://helpx.adobe.com/experience-manager/kb/download-companion-app.html

AEM server installation – download via Package Share and install required HotFixes/FeaturePacks

AEM 6.2:

- HF 11099: https://www.adobeaemcloud.com/content/marketplace/marketplaceProxy.html?packagePath=/content/companies/public/adobe/packages/cq620/hotfix/cq-6.2.0-hotfix-11099

AEM 6.1:

- SP2: https://www.adobeaemcloud.com/content/marketplace/marketplaceProxy.html?packagePath=/content/companies/public/adobe/packages/cq610/servicepack/AEM-6.1-Service-Pack-2

- FP 6658: https://www.adobeaemcloud.com/content/marketplace/marketplaceProxy.html?packagePath=/content/companies/public/adobe/packages/cq610/featurepack/cq-6.1.0-featurepack-6658

- HF 8723: https://www.adobeaemcloud.com/content/marketplace/marketplaceProxy.html?packagePath=/content/companies/public/adobe/packages/cq610/hotfix/cq-6.1.0-hotfix-8723

Performance Improvements From User's Perspective

Open File

Time between:
- Assets Web UI: Open on desktop
- PS/AI/ID: file is open and ready

Some improvement

Thanks to local caching and less "chatty" communication

Save File

Time between:
- PS/AI/ID starts saving
- File is saved on desktop

Large improvement

PS/AI/ID save to local cached file first
Desktop app starts uploading in background
User can keep on working locally while the file uploads

Finder - Browsing

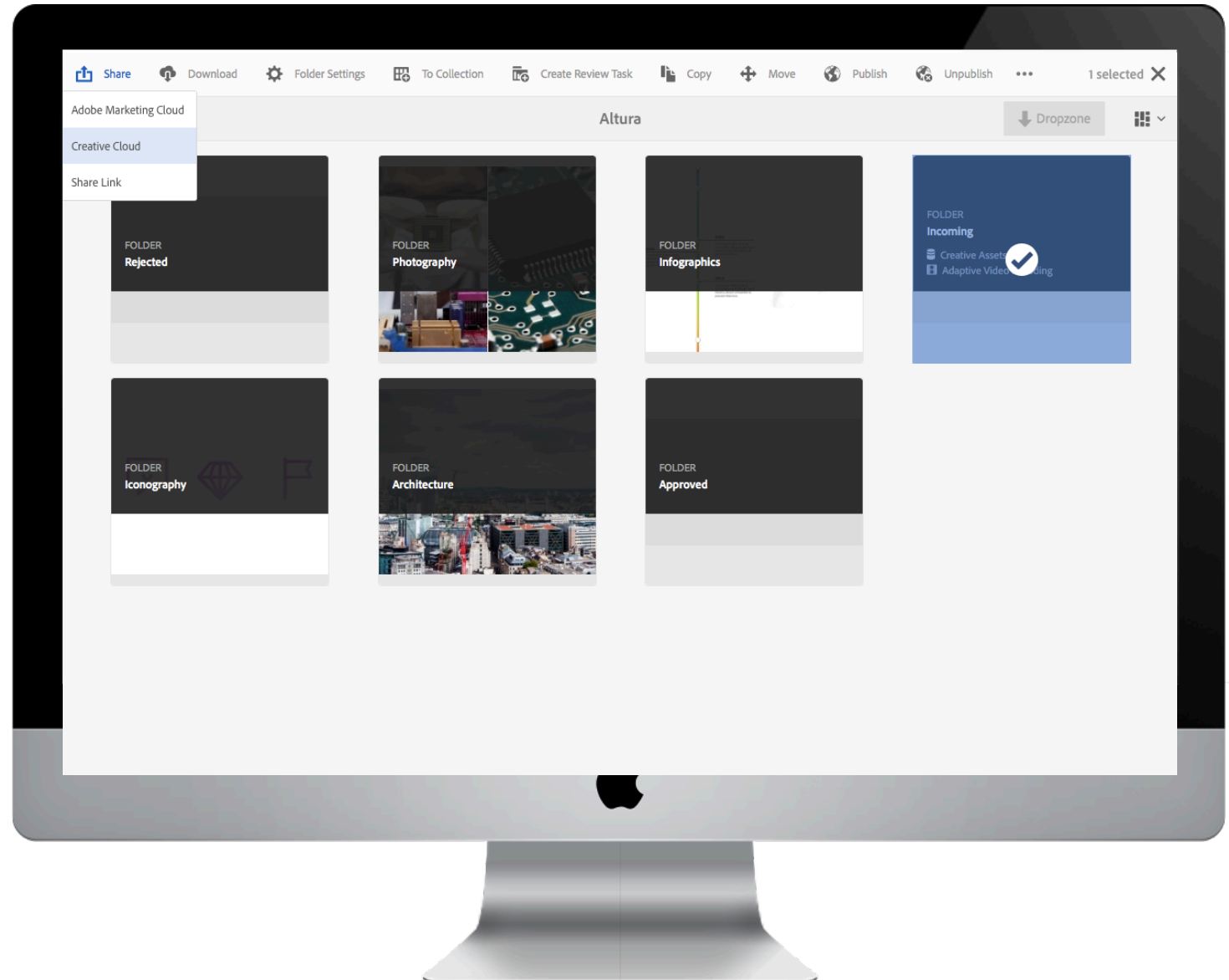Mac Finder performance of opening folders and browsing files

Caching improvements

Finder shows Previews/thumbnails of files now – need to be downloaded
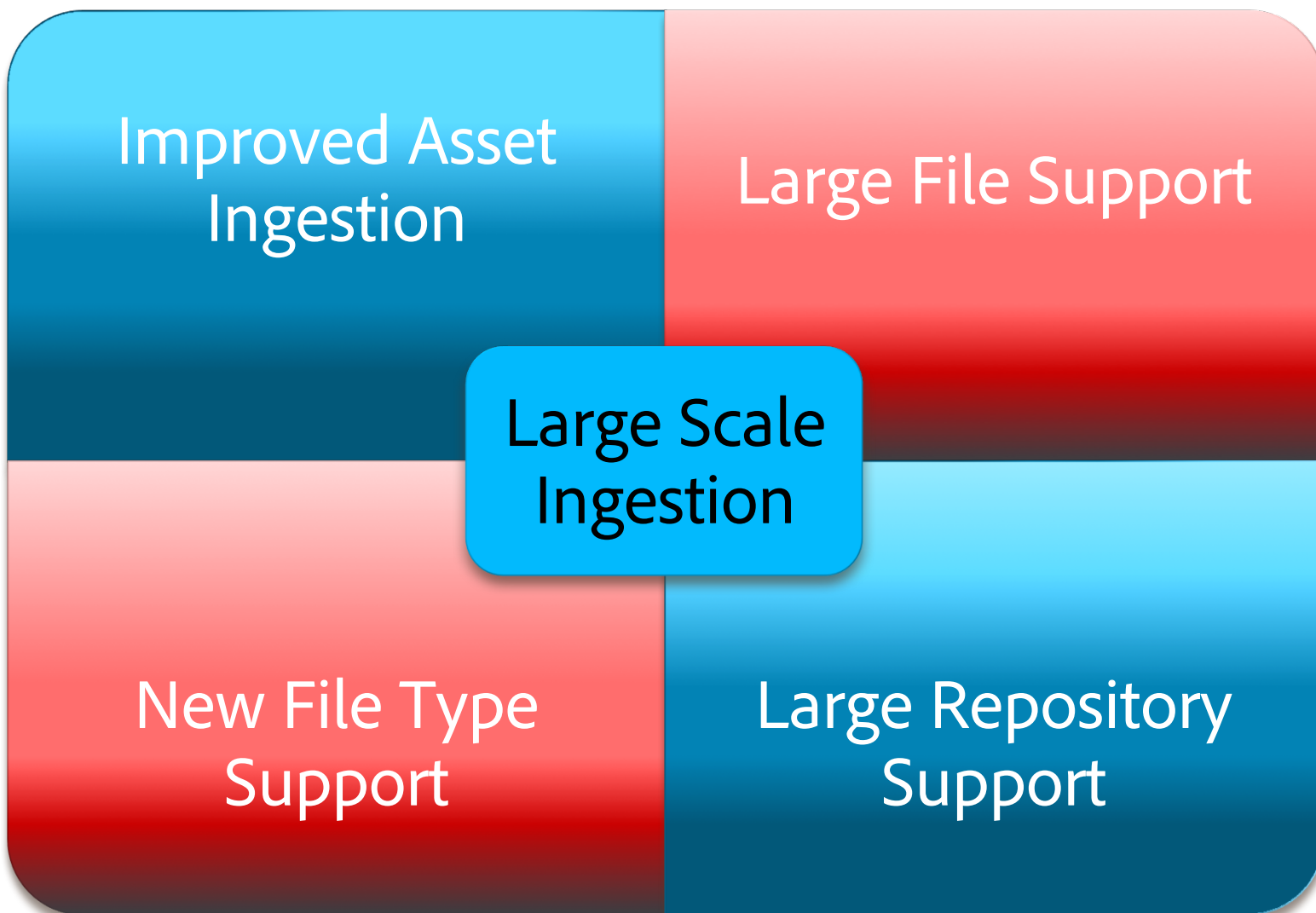Locally-cached files load quicker

Demo

- Installation
- Opening files
- Saving files

Business Challenge – Large Scale Ingestion

Customer:

- *My digital marketing content is evolving.*

- *I need to upload larger images, videos, new file types, and do this more often.*

- *What is Adobe doing to help?*

Improved Asset Ingestion	Large File Support
New File Type Support	Large Repository Support

Large Scale Ingestion

Large Assets Use Case

- A customer has many large assets to upload within a short period of time
- Assets are in AWS cloud storage

Benefit

- Faster Ingestion into AEM Assets
- Folder size 1 GB ingested in 98 seconds
  - Mixed asset types, large and small sizes
- Available soon for AMS
- Roadmap item for on premise customers

AEM 6.1 Service Pack 2

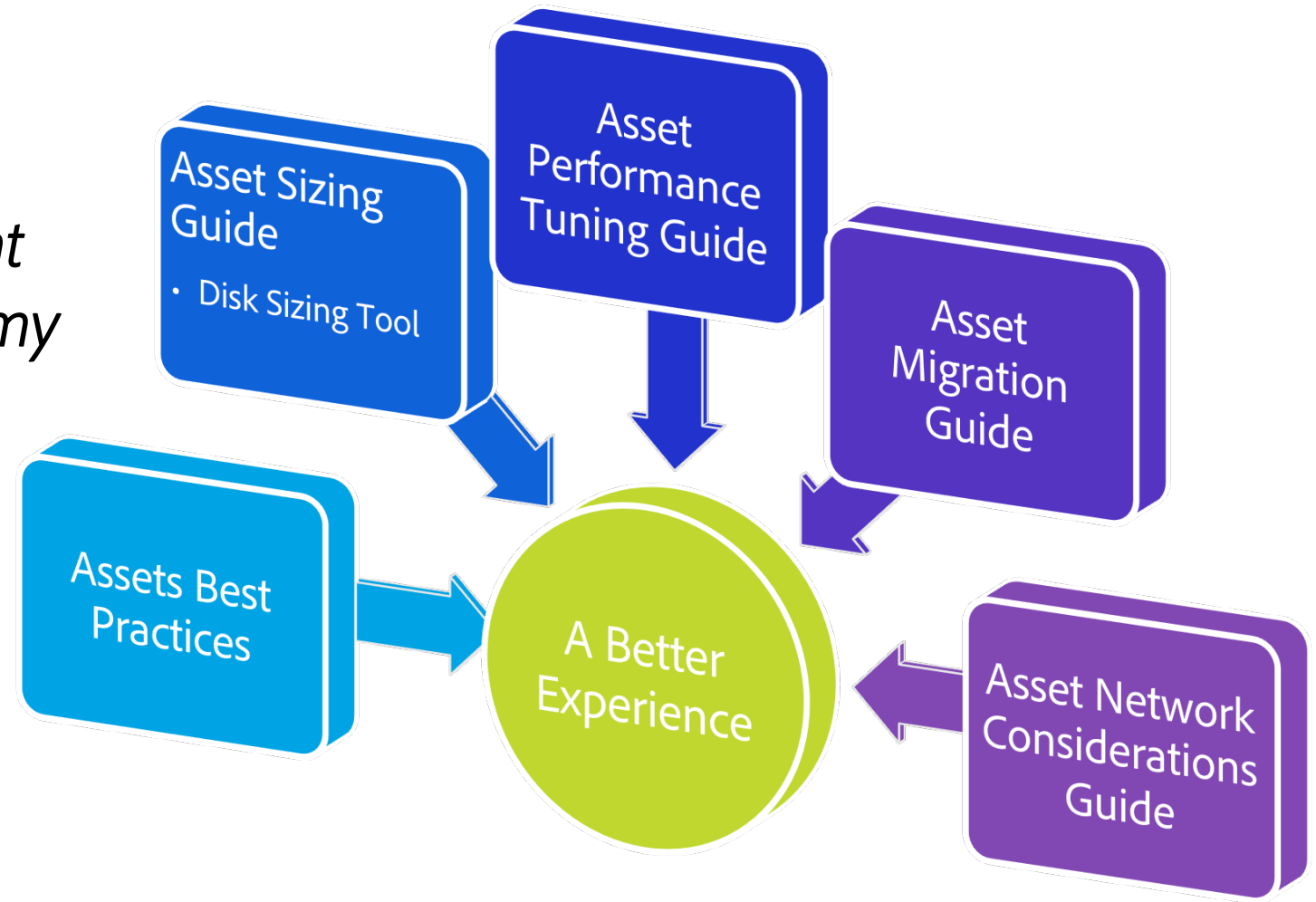Assets improvements for performance and key enhancements

AEM 6.1 SP2 provides following updates to AEM Assets:

- Improved support for file formats such as PDF, PSD, PPTX and GIF files

- Updates for metadata, tag management, and XMP handling.

- Resolutions to discrepancies and errors when handling presets.

- Updates for video processing and encoding.

- Touch UI usability updates for drag-and-drop support and properties pages for assets.

- Performance improvements to handle out-of-memory situations and unexpected behavior scenarios while handling large files.

- More Detail and Location for Download:

  - https://docs.adobe.com/docs/en/aem/6-1/release-notes-sp2.html

Business Challenge – Performance, Tuning, & Sizing

Customer:

- *How do I design the most efficient AEM Assets implementation for my enterprise?*

Key Takeaways

Large Scale Asset Ingestion
✓ Upgrade to AEM 6.1 SP2

Simplified Access to the DAM
✓ Download the latest AEM Desktop App

How do I make an efficient DAM?
✓ Utilize all the new AEM Assets documentation for guidance

AEM Assets Roadmap

Q2 '16

Q3 '16

Q4 '16

Q1 '17

Q2 '17

AEM 6.2
- Asset Insights
- Brand Portal
- Link Sharing
- Smart Tags (Beta)
- Desktop App Enhancements
- Shoppable Media
- Viewer Editor
- Publishing scalability

6.1 SP2
- Improved support for PDF, PSD, PPTX and GIF files
- Metadata, tag management and XMP handling improvements
- Fixes for discrepancies and errors with image presets handling
- Video processing and encoding fixes
- Touch UI fixes
- Performance fixes for handling OOM and large file behavior

Documentation and Guidance
- Assets Best Practices
- Assets Migration Guide
- Asset Network Considerations
- Asset Performance Tuning Guide

Asset Sizing Guide
- Disk Sizing Tool
- Environment Sizing Tool

6.2 FP 2
- Scalability and performance
  - Asset ingestion improvements
  - Support for larger repository size
  - Workflow/Replication improvements

Desktop App 1.3
- Caching / Performance improvements
- Better support for saving directly from desktop apps (PS, ID, AI, etc)

Documentation and Guidance
- Asset Best Practices Videos
- File formats Best Practices
- Users, Group, Permissions Assets Best Practices

3D Assets

AEM 6.3 Beta
- Scalability and performance improvements

Assets Implementation Guides

Desktop App
- Large Folder Upload

AEM 6.3
- Scalability and performance improvements
- Replication improvements

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Resources

- Recent Documentation
  - https://docs.adobe.com/content/docs/en/aem/recent-documentation-updates.html
- Release Notes (Includes link to PackageShare)
  - https://docs.adobe.com/docs/en/aem/6-1/release-notes-sp2.html
  - https://docs.adobe.com/docs/en/aem/6-2/desktop-app-release-notes.html