

Administer Context-Aware Configurations

Agenda:

- Context-aware configurations
- Tenant configurations
- Global configurations



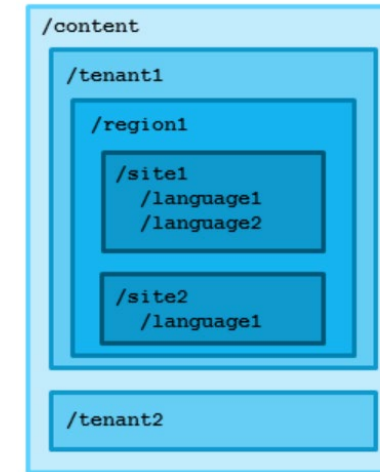
Context-aware configurations

Applications may need different configurations for:

- Sites, regions, and tenants for different contexts

Context-aware configurations:

- Are not system configurations
- Support inheritance for nested contexts and global fallback values that are shared among different content resources



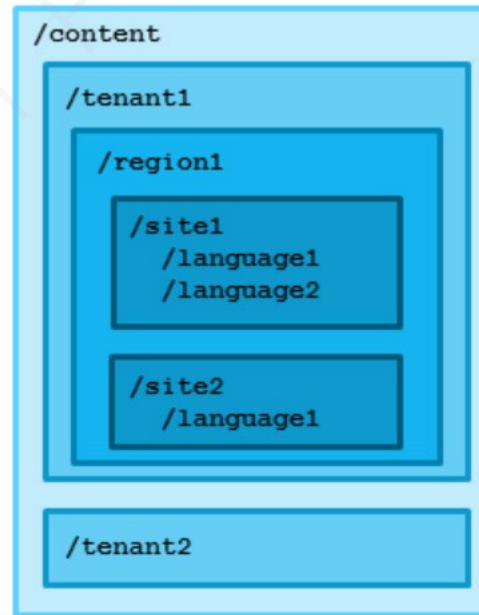
- Tenant-specific configuration
- Region-specific configuration
- Site-specific configuration

Context-aware = **different configuration for different subtrees in resource hierarchy**

Context-aware configurations

Help define and control the content subtrees to be the contexts in your application

Use Context-Aware Configuration Java API to match configurations for each content resource

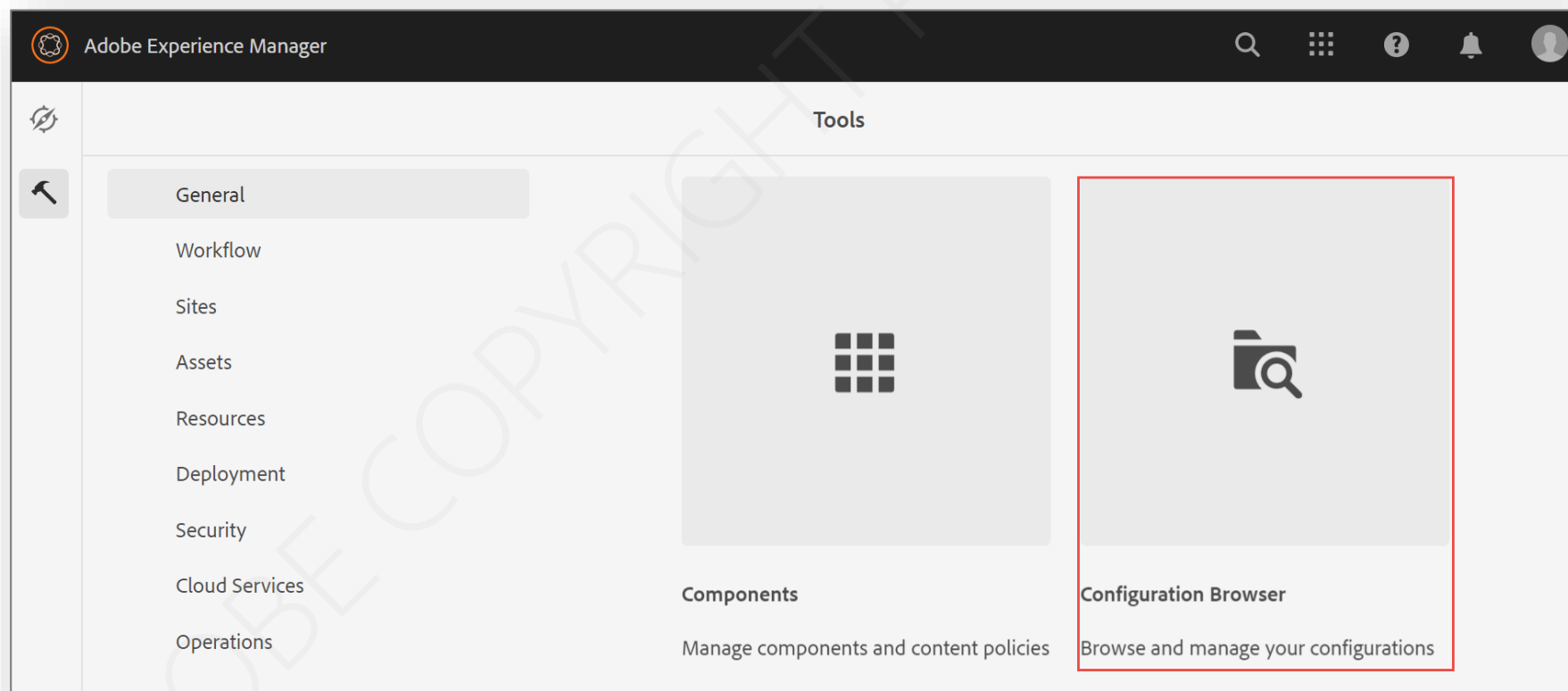


- Tenant-specific configuration
- Region-specific configuration
- Site-specific configuration

Context-aware = **different configuration for different subtrees in resource hierarchy**

Configuration browser

- Access context-aware configurations from the **Configuration Browser** console
- Access the **Configuration Browser** from **Tools > General** panel



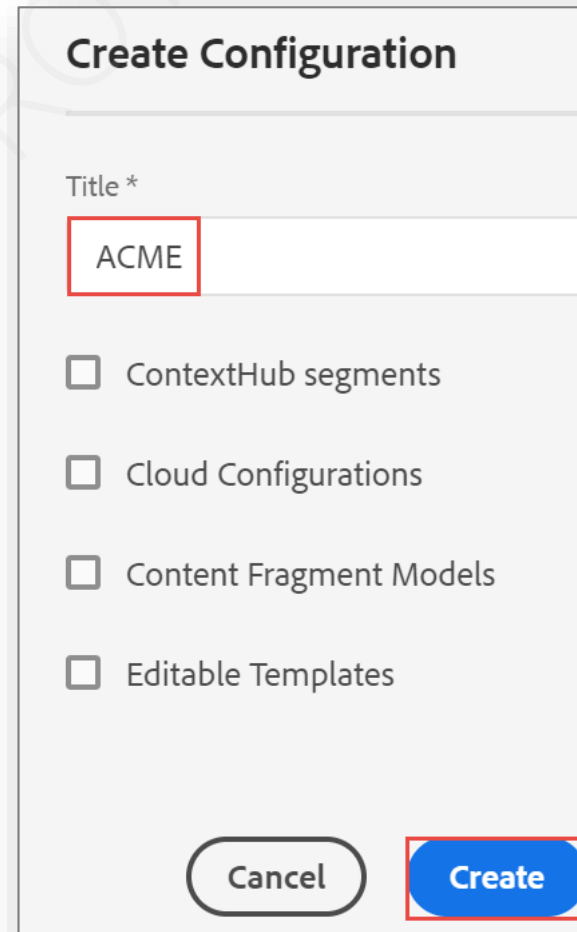
Configuration browser

Current context-aware configurations are:

- ContextHub segments
- Cloud Configurations
- Content Fragment Models
- Editable Templates

Available context-aware permissions are:

- Browse
- Modify
- Delete



The image shows a 'Create Configuration' dialog box. It has a title bar 'Create Configuration'. Below the title bar is a 'Title *' label and a text input field containing 'ACME'. Below the input field are four checkboxes, each followed by a label: 'ContextHub segments', 'Cloud Configurations', 'Content Fragment Models', and 'Editable Templates'. At the bottom of the dialog are two buttons: 'Cancel' and 'Create'. The 'Create' button is highlighted with a red border.

Create Configuration

Title *

ACME

☐ ContextHub segments

☐ Cloud Configurations

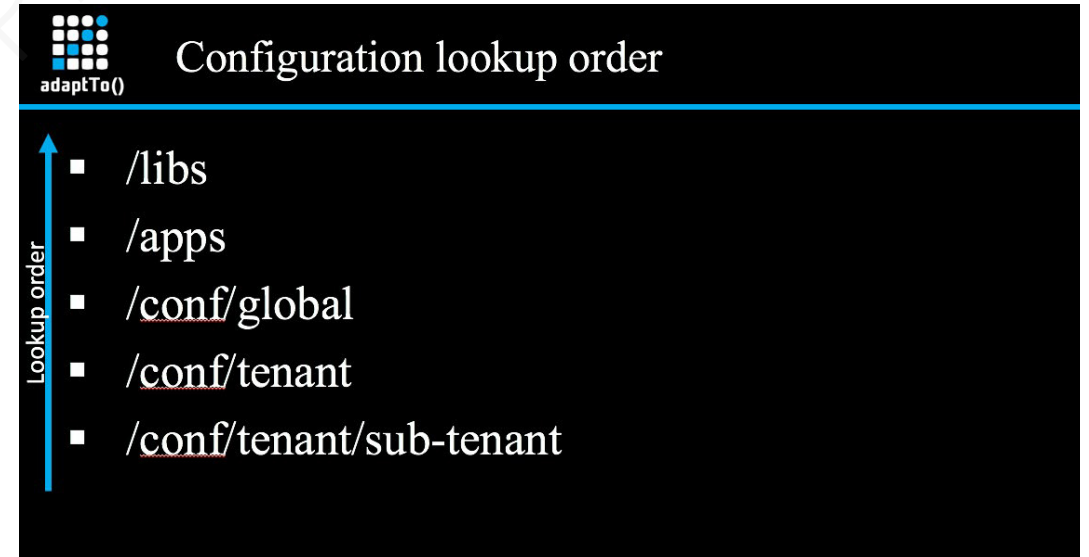
☐ Content Fragment Models

☐ Editable Templates

Cancel Create

Configuration lookup order

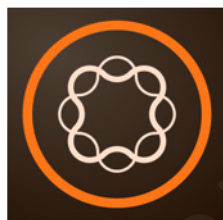
- You can layer context-aware configuration across different folders:
 - /libs , /apps, /conf and subfolders under /conf
- Adobe Experience Manager (AEM) configuration UI stores data in /conf/global or /conf/<tenant>
- If a configuration does not exist in /conf/<tenant> AEM uses the fallback locations



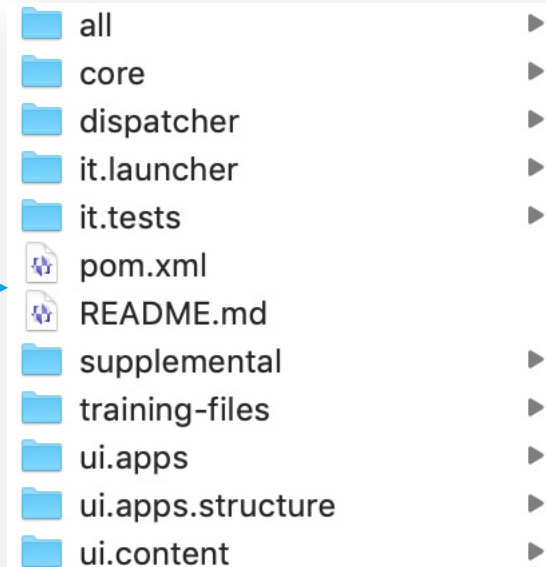
Synchronize configuration folder with your project

When working locally with context-aware configurations:

- Create configurations with the AEM UI
- Configure or enable the functionalities appropriately
- Synchronize configurations back to the Maven project
- Commit the changes to Git

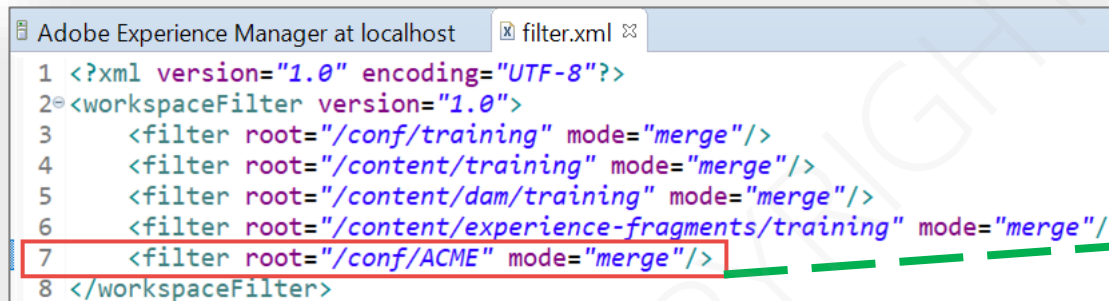


Import from Server

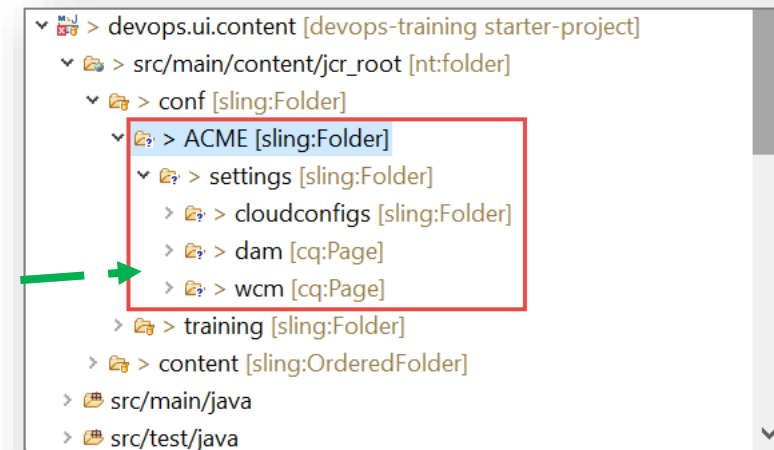


Import configuration folder into the Maven project

- Update ui.content > src/main/content/META-INF/vault > filter.xml with the configs as needed:



```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <workspaceFilter version="1.0">
3   <filter root="/conf/training" mode="merge"/>
4   <filter root="/content/training" mode="merge"/>
5   <filter root="/content/dam/training" mode="merge"/>
6   <filter root="/content/experience-fragments/training" mode="merge"/>
7   <filter root="/conf/ACME" mode="merge"/>
8 </workspaceFilter>
```



- Right-click the ui.content > src/main/content/jcr_root and select Import from server

Global configurations

- Are configurations that apply to the entire AEM platform
- Are used by the following functionalities of AEM:

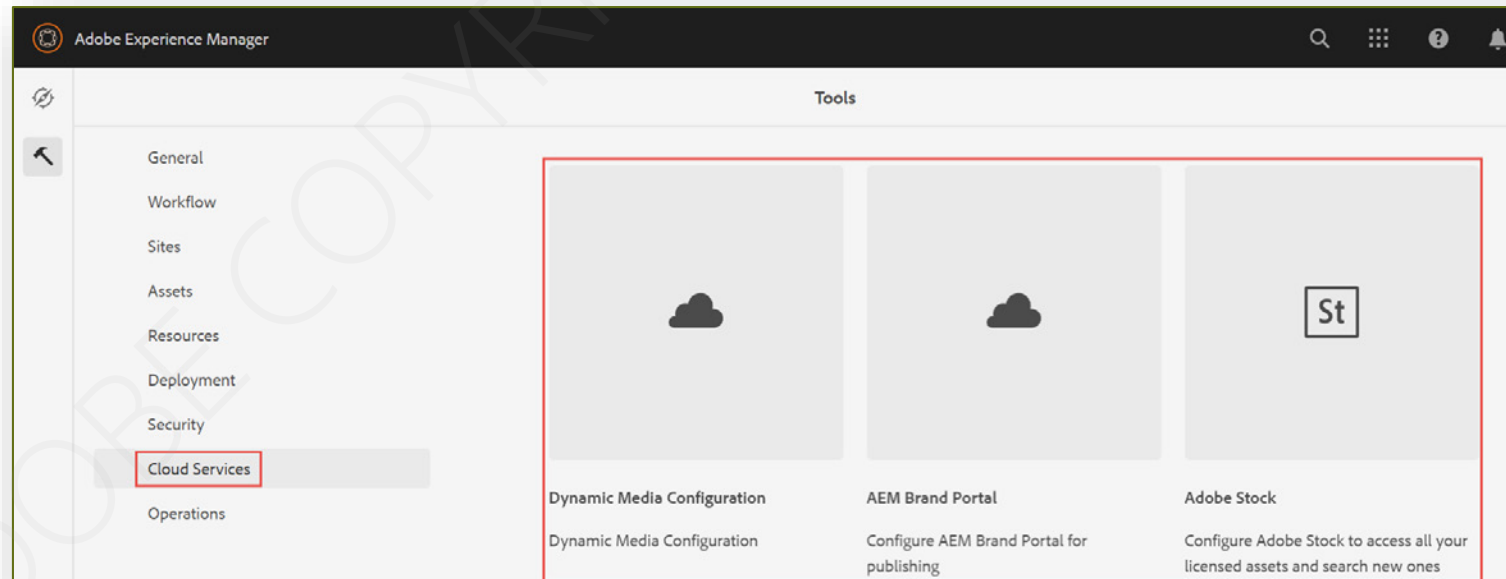


Assets platform configurations

Integrate AEM Assets with the following solutions through configurations:

- Brand Portal
- Dynamic Media
- Adobe Stock

Tools > Cloud Services

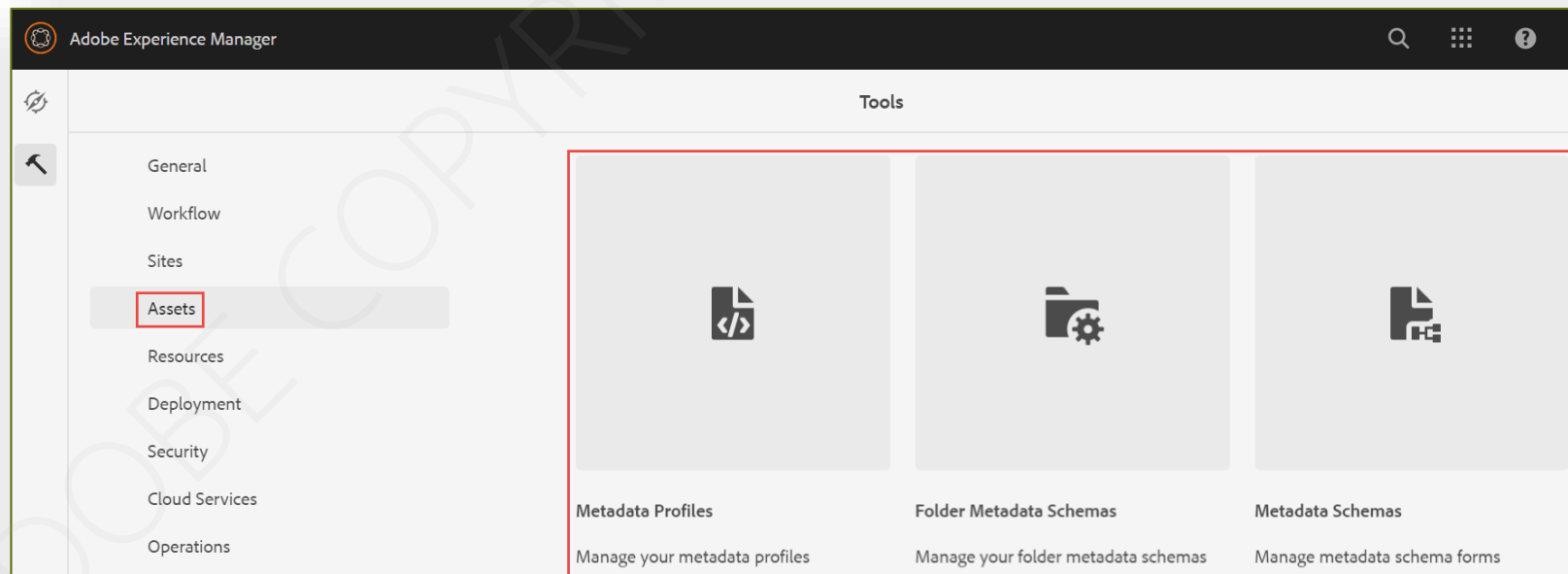


Assets platform configurations

Customize AEM Assets with the following global configurations:

- Asset Schemas
- Asset Folder Schemas
- Asset Profiles

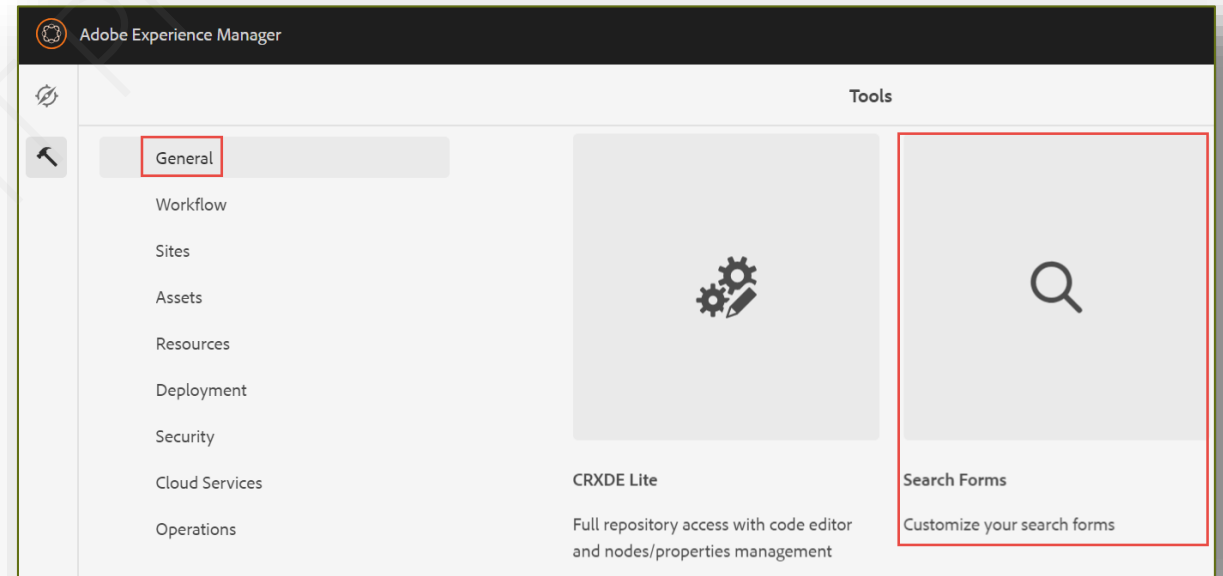
Tools > Assets



Platform search filters

- Use **Search Forms** to customize the selection of search predicates
- Search Forms are used in search panels of AEM consoles
- Customize the panels to make the search functionality versatile according to your specific needs

Tools > General > Search Forms



Common search filters

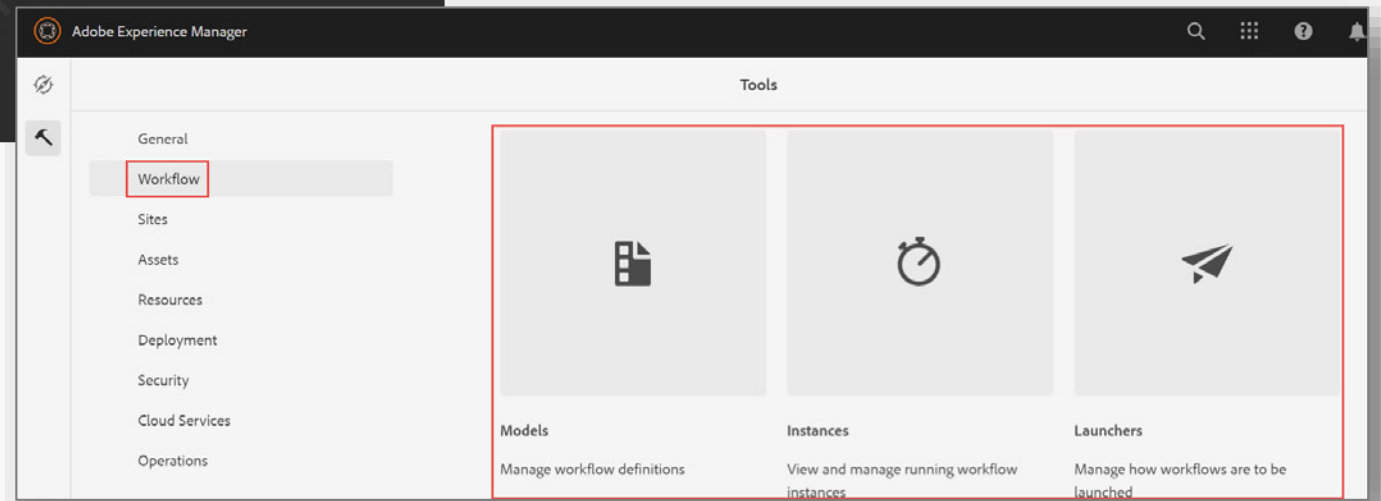
Configuration		Description
Page Editor	Documents search	Defines document predicates in the authoring UI search rail
	Image Search	Defines image predicates in the authoring UI search rail
	Page Search	Defines page predicates in the authoring UI search rail
Sites Admin Search Rail		Defines site and page predicates of the Sites console search rail
Assets Admin Search Rail		Defines asset and folder predicates of the Assets console search rail
Project Admin Search Rail		Defines project predicates of the Project console search rail

Workflow configurations

New and modified workflow models and launchers are stored as global configurations

- Out-of-the-box workflow models:
/libs/settings/
workflow/models/
- Modified OOTB and Custom workflow models:
/conf/global/settings/
workflow/models/...

Tools > Workflow



Maintenance configurations

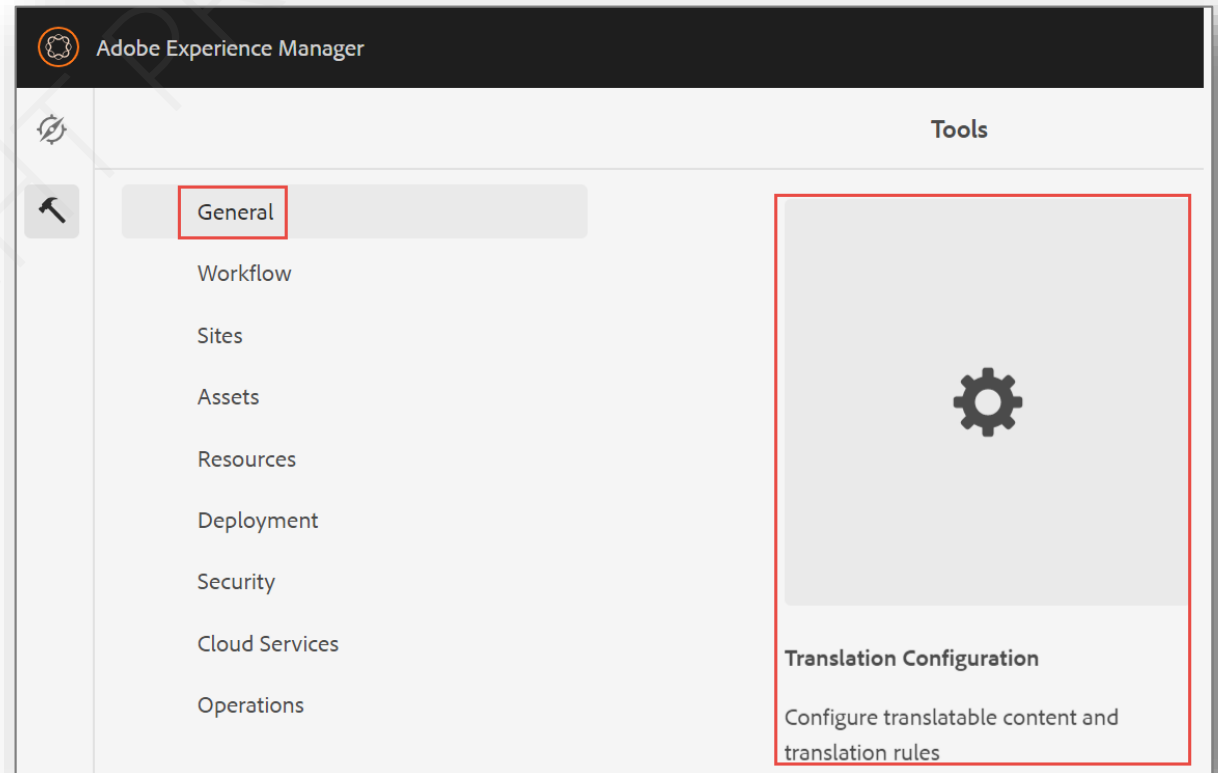
- Customers can configure, Ad-hoc Task Purge, Workflow Purge, and Project Purge tasks
- Maintenance UI is not available in AEM Cloud and can only be accessed in local development
- Maintenance changes must go through source control
- Adobe manages maintenance tasks that do not require customer decisions. For example, Datastore Garbage Collection



Translation rules in configurations

- Helps identify content in AEM to be extracted for translation
- Common use cases are:
 - Text components
 - Alt text for Image components
- Define additional rules based on your project translation requirements

Tools > General > Translation Configuration





Key takeaways

- Configurations provide the logic and structure for storing service configurations
- Context-aware configurations:
 - Provide application support for different contexts and configurations within the same AEM instance.
 - Are not system configurations.
- You can layer context-aware configuration across /libs, /apps, /conf and subfolders under /conf folders.
- If you create configurations locally, synchronize the configurations back to your Maven project.
- Global configurations are applicable to the entire AEM platform