



adaptTo()

EUROPE'S LEADING AEM DEVELOPER CONFERENCE
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Migrate to AEM Cloud Service Faster

An Agentic Workflow with MCP & Adobe Migration Skills

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About Us



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Agenda

- AEM migration to Cloud Service
- Where you start: CAM and BPA
- An agentic migration copilot
 - Cloud Migration MCP
 - Migration Skill
- Live demo
- Results and what's next

The cost of migrating

How long does an AEM migration really take?

Months

start to cutover

8,000+

findings in one BPA report, 1500+ of them critical

~30% less time to cutover

once it's automated · early adopters

Manual migration

6 months

With Adobe Skills

~4.2 months

-30%

0 2 4 6 months

You can't just lift and shift

On Cloud Service, code and content live apart and migrate on different paths.

Immutable

Code

- /apps and /libs
- Ships only through the Cloud Manager pipeline
- Read-only in the running environment

Mutable

Content

- /content, /conf, /var, /home
- Written at runtime by authors and users

So it's two migration streams — code and content. Today, we focus on code.

The Migration Bottleneck

Where you start: CAM and BPA

- Best Practices Analyzer (BPA): scans your codebase for Cloud Service blockers.
- Cloud Acceleration Manager (CAM): plans the program and tracks readiness.
- Thousands of findings per project, grouped by pattern and severity.

The report isn't the bottleneck — the fix is

- BPA finds the issues and exports the full report.
- Each fix is manual and repetitive: docs, pattern, code, test.
- Adobe's tools exist, but scattered across CLI, hosted tools, and docs.
- Each developer's expertise stays with them.

The how is the hard part

The finding: a `scheduler.schedule()` implementation that isn't reliable for AEM as a Cloud Service. The report says what to fix, not how.

For the how, you're on your own

- › read the Experience League docs
- › hunt for CLI and hosted tools
- › lean on your own expertise

so every fix comes out different

Adobe's recommended pattern

```
{
  "queue.name": "Migration Job - ORDERED",
  "queue.topics": [
    "com/myapp/migration/job"
  ],
  "queue.type": "ORDERED",
  "queue.retries": 1,
  "queue.maxparallel": 1.0
}
```

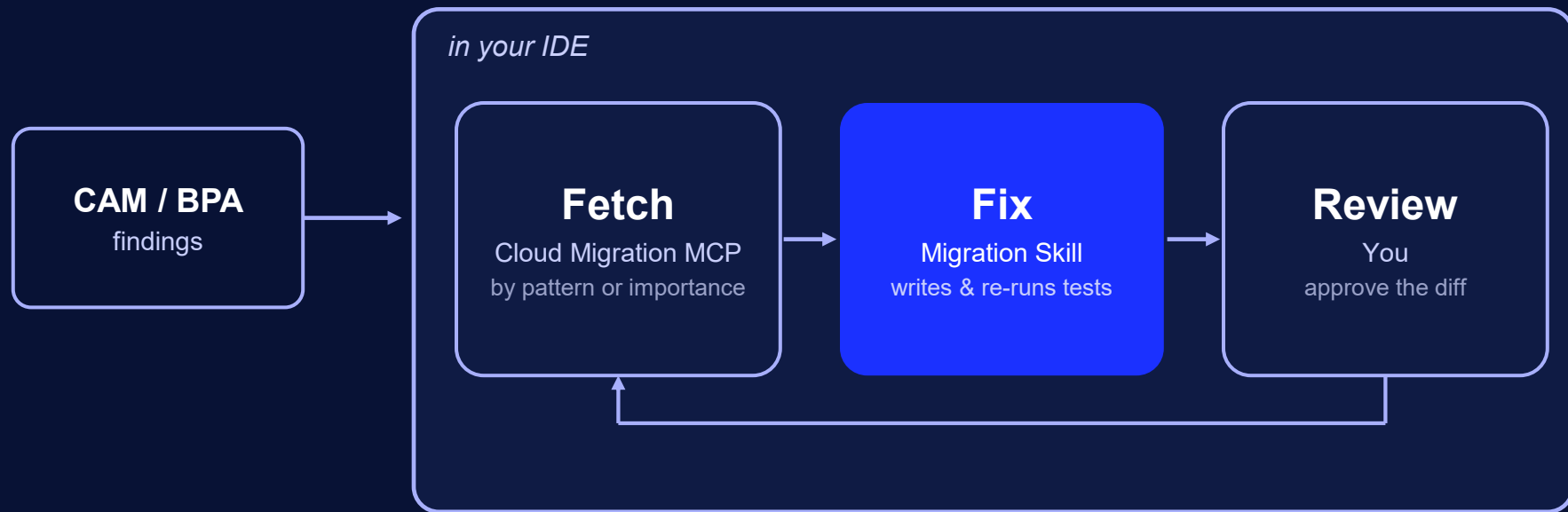
✓ one vetted pattern

There's one recommended fix. Everyone should reach it, not reinvent it.

Closing the Gap

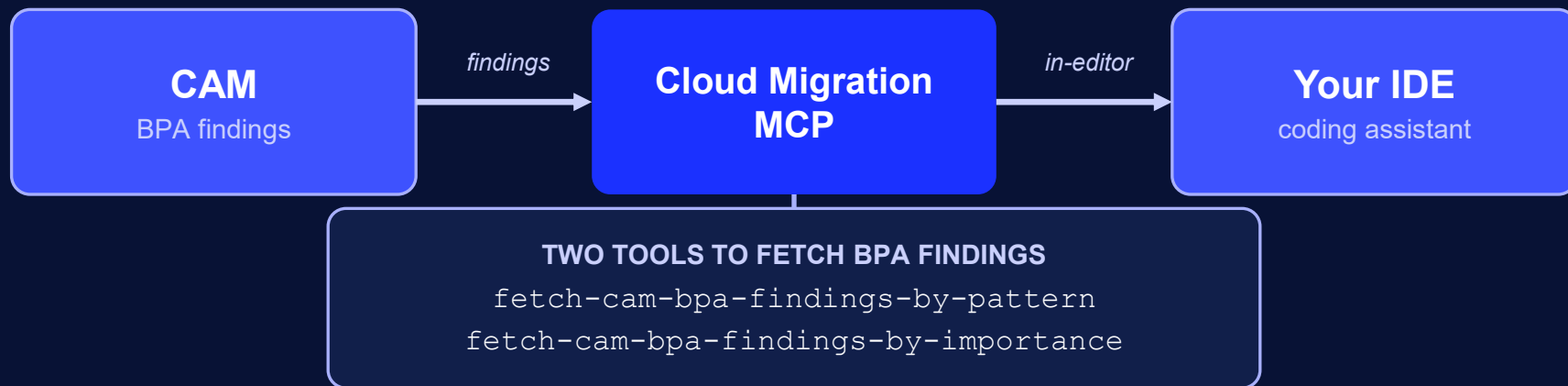
We bring this scattered experience together in one place: your IDE.

An agentic migration copilot



Cloud Migration MCP

THE BRIDGE — CAM TO YOUR IDE

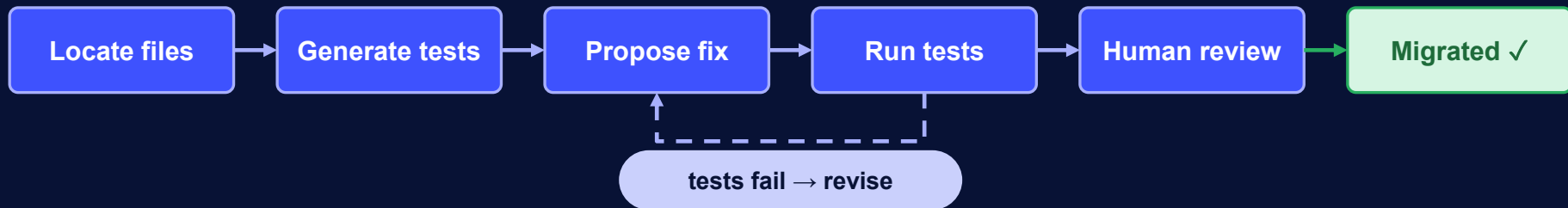


ADD TO YOUR IDE'S MCP CONFIG · SIGN IN WITH ADOBE ID

<https://mcp.adobecloud.com/adobe/mcp/cloud-migration>

Migration Skill

Adobe's recommended best practices, turned into **fix recipes**.



INSTALL THE SKILL

```
/plugin install aem-cloud-service@adobe-skills
```

or `npx skills add adobe/skills/plugins/aem/cloud-service -y` · *bundles the Migration Skill & code-assessment*

Thirteen patterns, each with its own rules

13 of ~20 code findings in the BPA report

JOB & EVENTS

Scheduler

Resource change listeners

Event listeners

OSGi event handlers

CONTENT & AUTHORIZING

Static → editable templates

Legacy UI components

Deprecated Asset API

Replication → Content
Distribution

FOUNDATION

Dispatcher config

OSGi configs → Cloud Manager

HTL lint warnings

File Vault Dependency

Guava cache

A Skill you can trust

Why a Skill, not just the docs? Adobe's vetted patterns + your business-domain context — consistent fixes, not guesses.

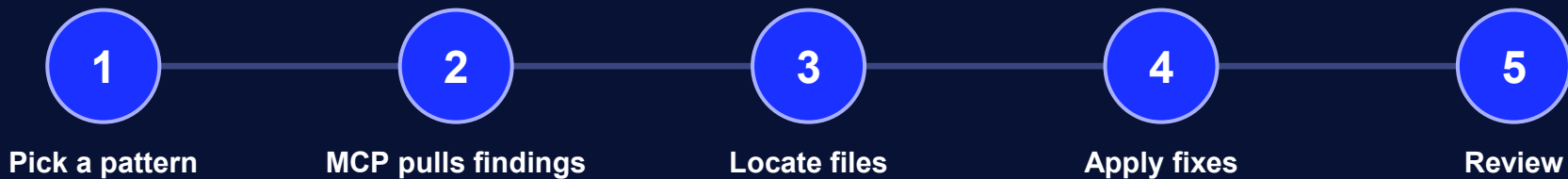
GUARDRAILS

One pattern per session, workspace-only

Read-only plan before edits

Not a black-box rewrite

Live Demo



Early adopter insights

- Partnered with Adobe Consulting on the alpha program — **30–45%** reduction in migration timelines across projects.
- More consistent fixes across developers and projects.
- The biggest win: developers stay in the IDE instead of switching between tools.

800+

skill downloads to date

10+

customers migrated

Available now, and what's next

- **Available now**

- Migration Skill · 13 patterns
- Cloud Migration MCP

- **Coming next**

CODE

Runtime validation

Repository modernizer

Oak index converter

CONTENT

Assets' issues in content transfer

Migration pre-checks for content transfer

Takeaways

- The reports tell you what's wrong. This workflow helps you fix it.
- MCP + Skill turn BPA findings into verified, reviewable code.
- It all runs in your IDE, and you stay in control.
- It's available today, so try it on your project.

References

- **AEM Cloud Service skills:** github.com/adobe/skills → plugins/aem/cloud-service
- **Docs:** Cloud Migration Skill (overview) · Using the Cloud Migration MCP — Experience League
- **Support:** aemcs-mcp-feedback@adobe.com



Skills repo

github.com/adobe/skills



Docs

experienceleague.adobe.com

Thank You

Questions welcome · Session page: <https://adapt.to/2026/schedule/migrate-to-aem-cloud-service-faster-an-agentic-workflow-with-mcp-and-adobe-migration-skills>

Come find us tomorrow at the Meet the Experts table.