Working with AJAX in AEM Components

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AEM SOLUTIONS ARCHITECT

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Overview

AEM's full stack lifecycle

Working with AJAX in AEM

Production next steps

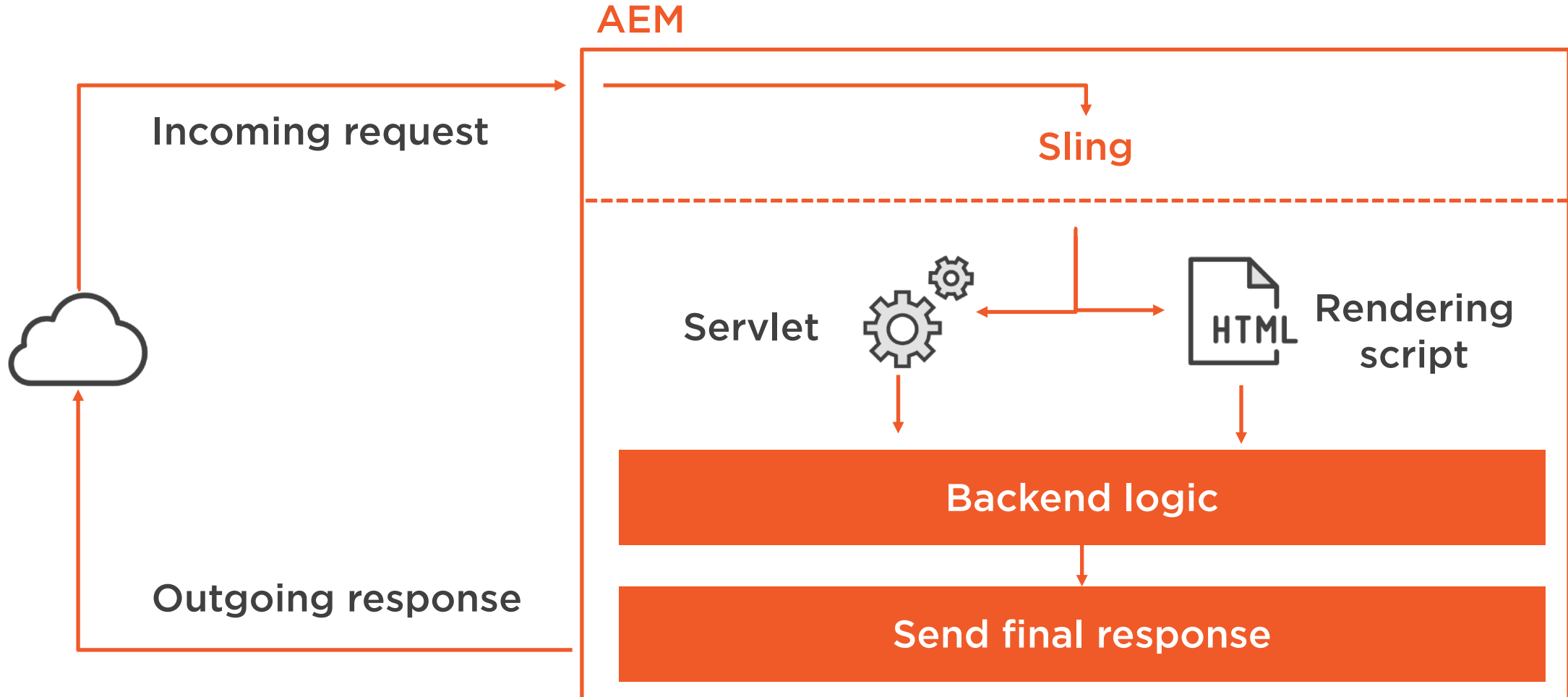# AEM's Full Stack Lifecycle

Resolving Requests with Sling

Dynamic Markup on Pages

```
...
<div
    data-article-feed="▆▆">
</div>
...
```
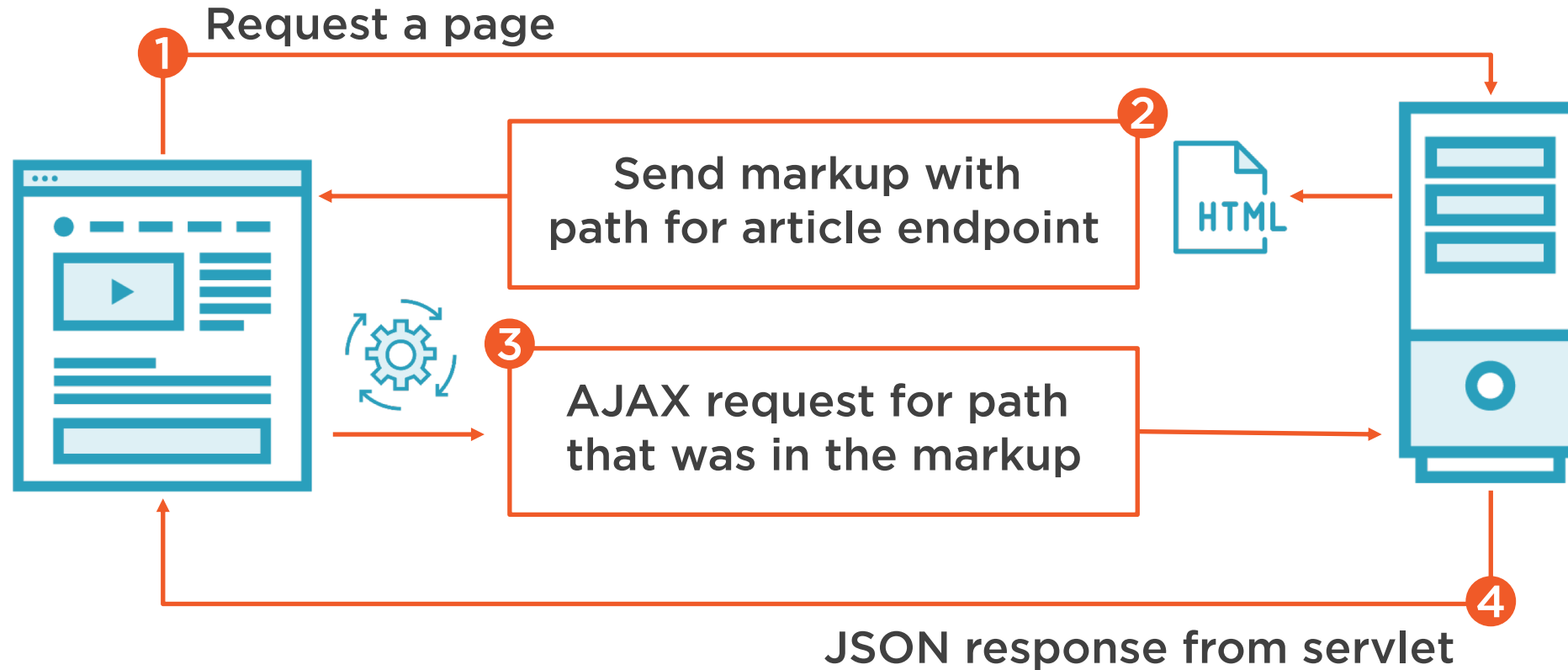
Component on the page

**Value set in dialog
is rendering in the markup**

Full Lifecycle of the Experience

1 **Request a page**

2 Send markup with path for article endpoint

HTML

3 AJAX request for path that was in the markup

4

JSON response from servlet

Demo

Update the article feed component

Make AJAX call from JS

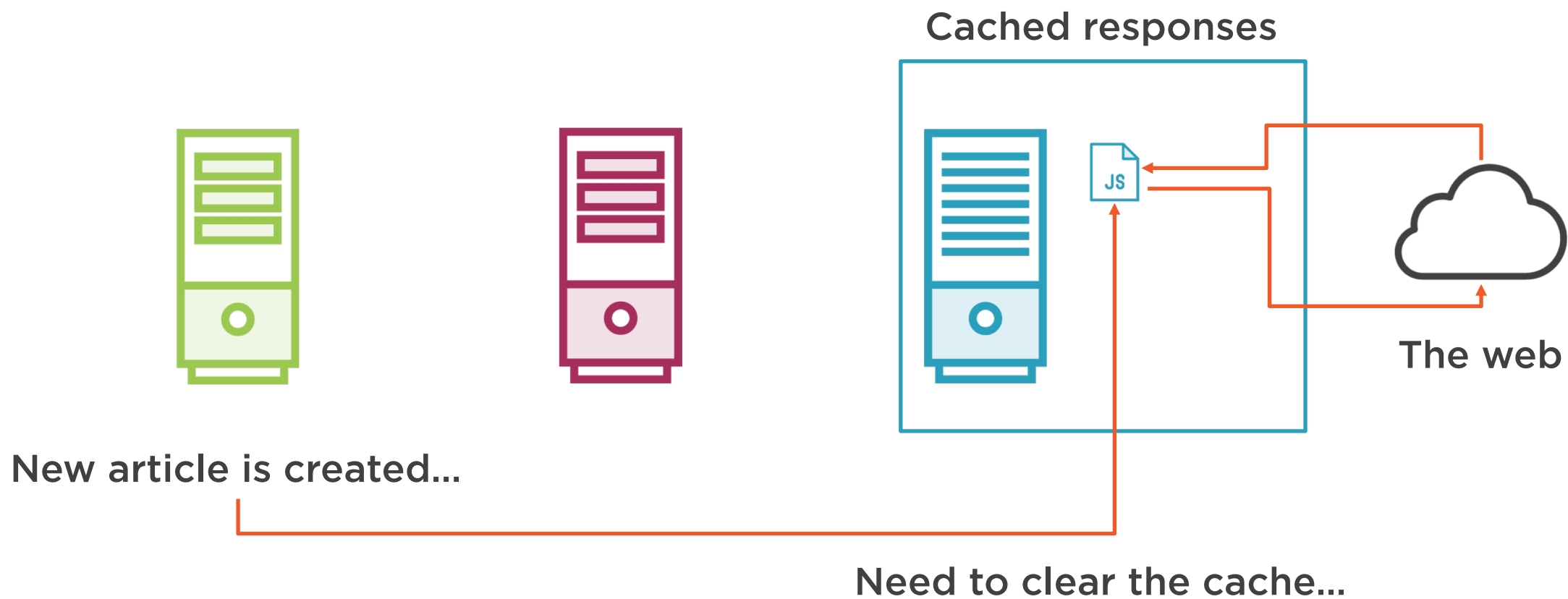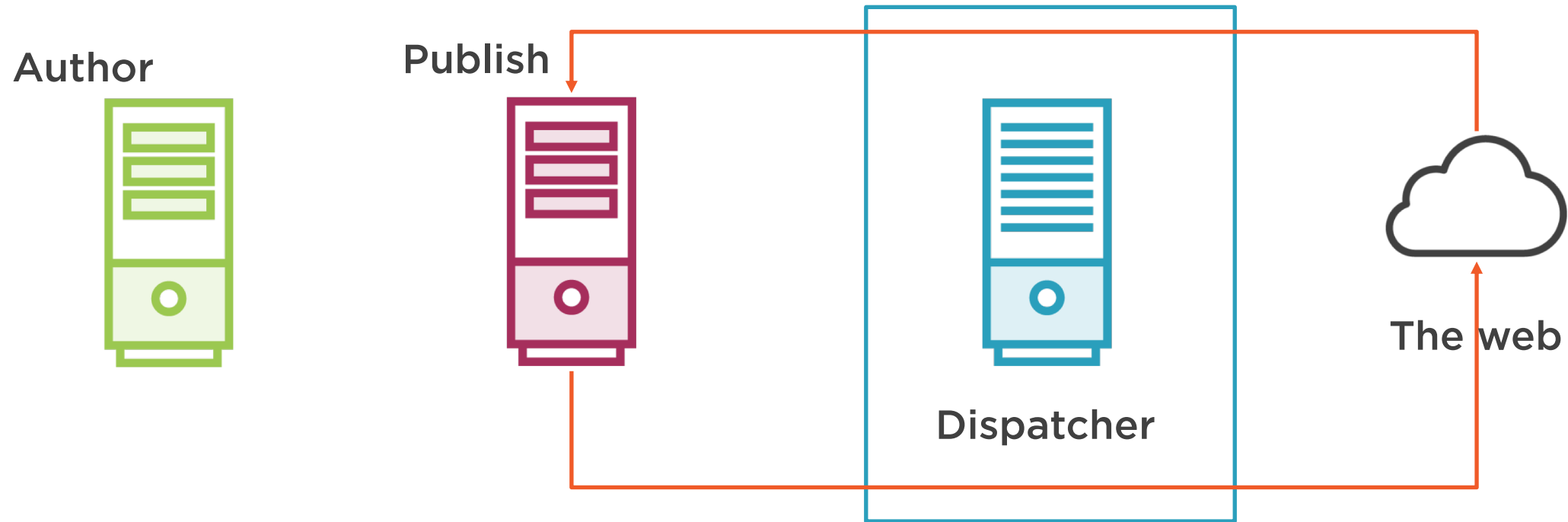**Handle the article JSON response**

Development Next Steps

Developing with Dispatcher in Mind

Cached responses

The web

Author   Publish   Dispatcher

Caching JSON Responses

Cached responses

JS

The web

New article is created...

Need to clear the cache...

Disable JSON Caching

Author

Publish

Dispatcher

The web
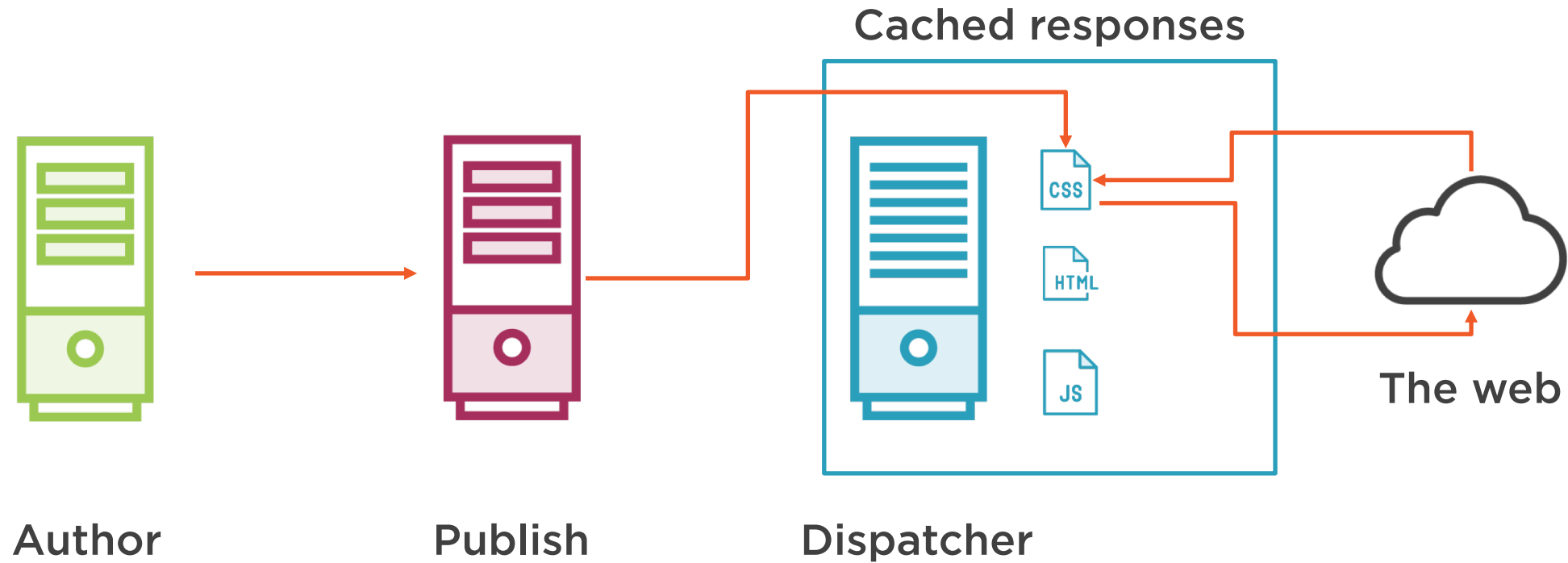
Bypass caching layer and get response from AEM

Summary

AEM developer scenario

Translating designs to AEM solutions

Component, template and content development

Endpoint for returning JSON

AEM full stack lifecycle