



DEVELOPERS LIVE



Server-to-server API authentication with AEM as a Cloud Service

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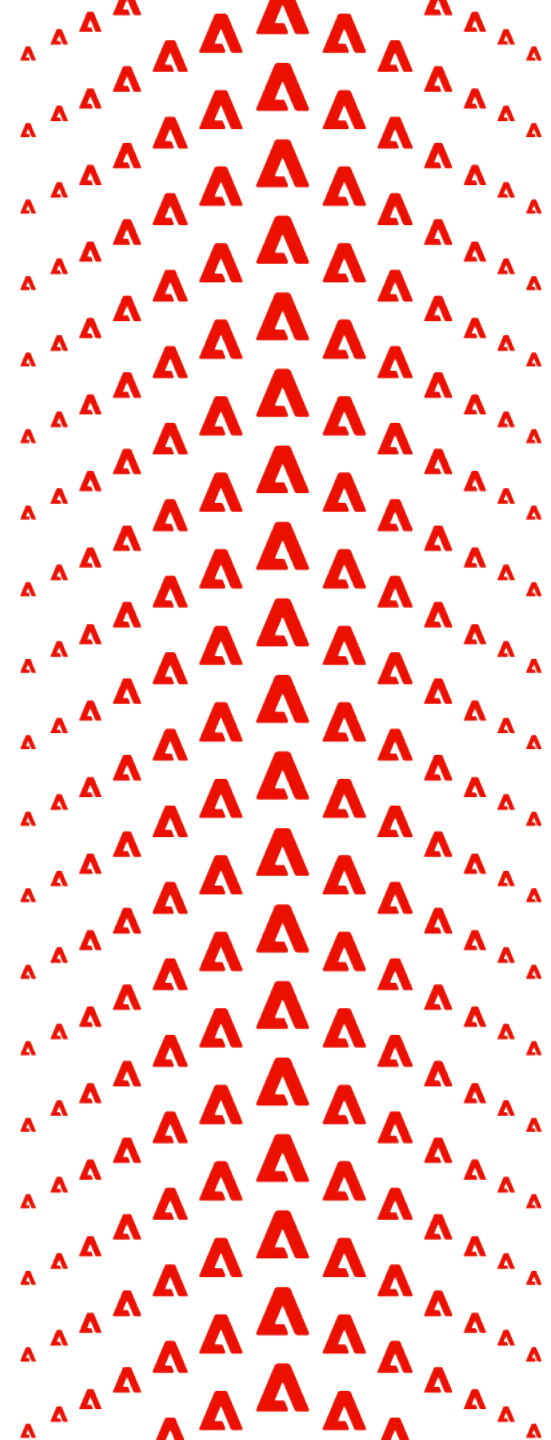


Agenda

Brian Chaikelson Use case and data flows

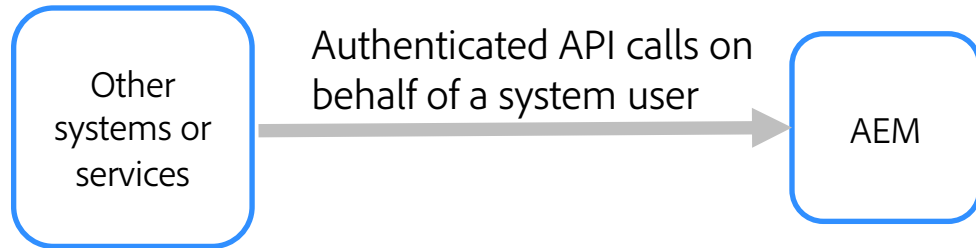
Timothee Maret Demo

Q&A



Use case

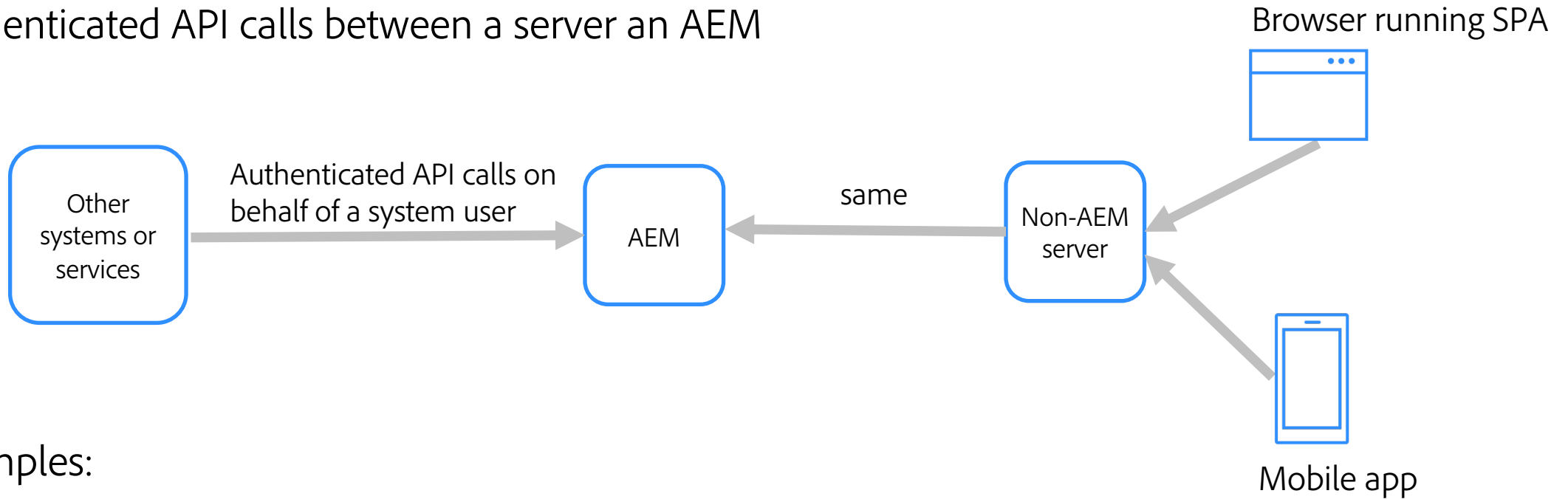
- Authenticated API calls between a server and AEM



- Examples:
 - PIM pushing metadata into AEM
 - Workflow product like Workfront pushing state into AEM

Use case

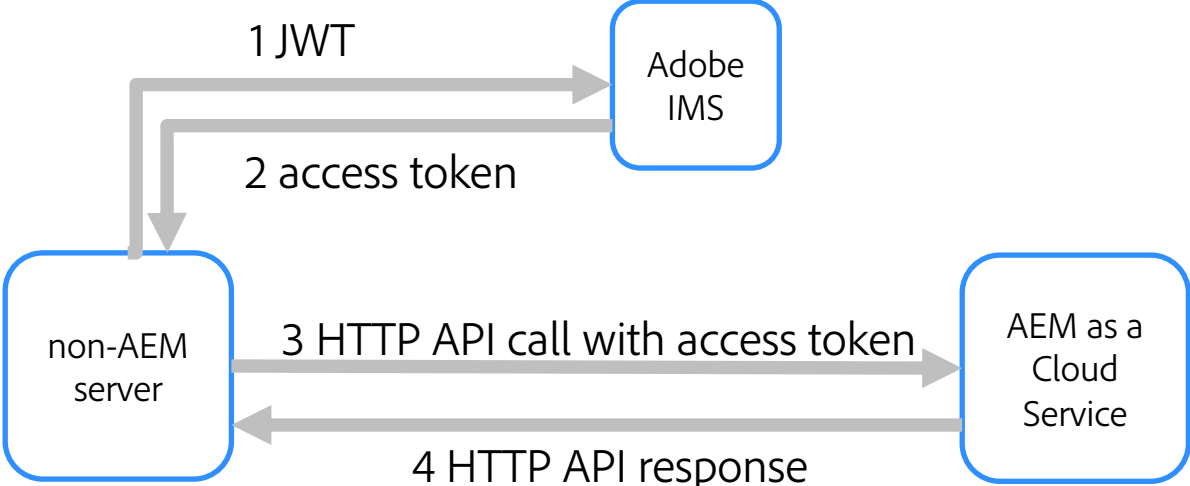
- Authenticated API calls between a server and AEM



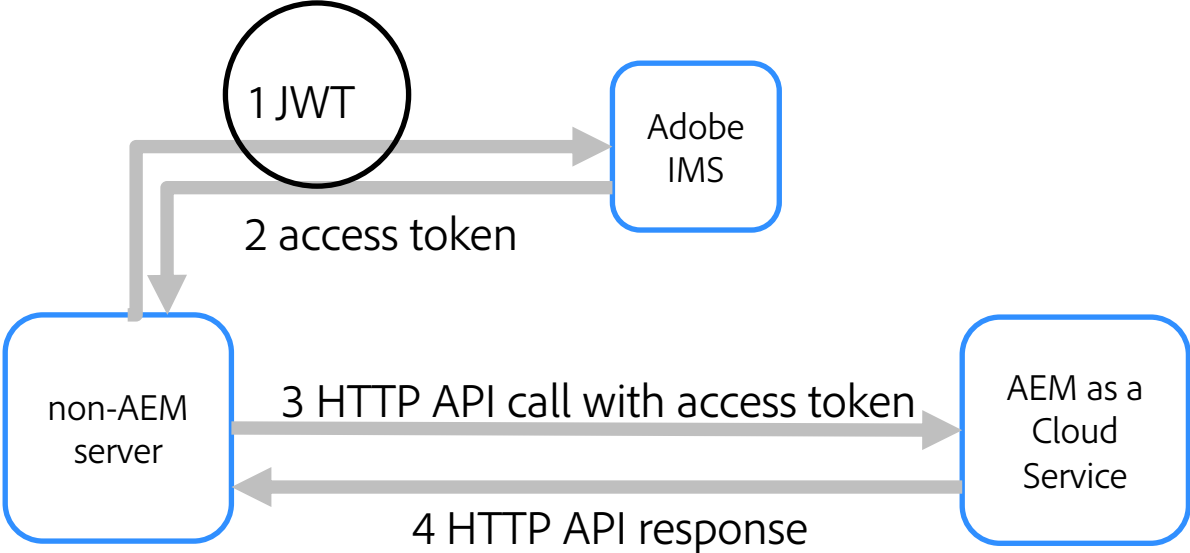
- Examples:

- PIM pushing metadata into AEM
- Workflow product like Workfront pushing state into AEM
- SPAs and mobile apps calling a server making API calls to AEM. Note: on behalf of a single system user

Server-to-Server OAuth flow

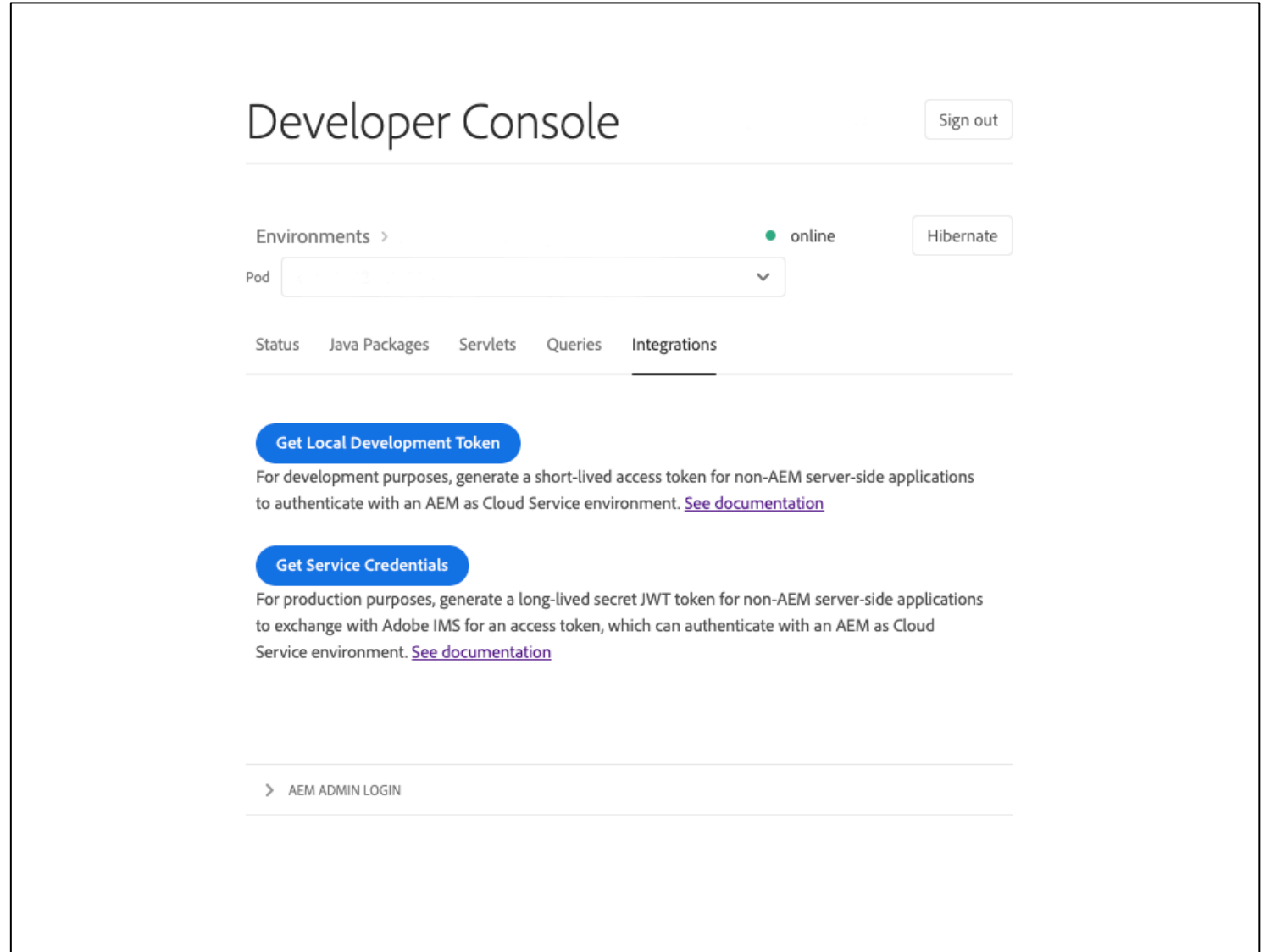


Server-to-Server OAuth flow



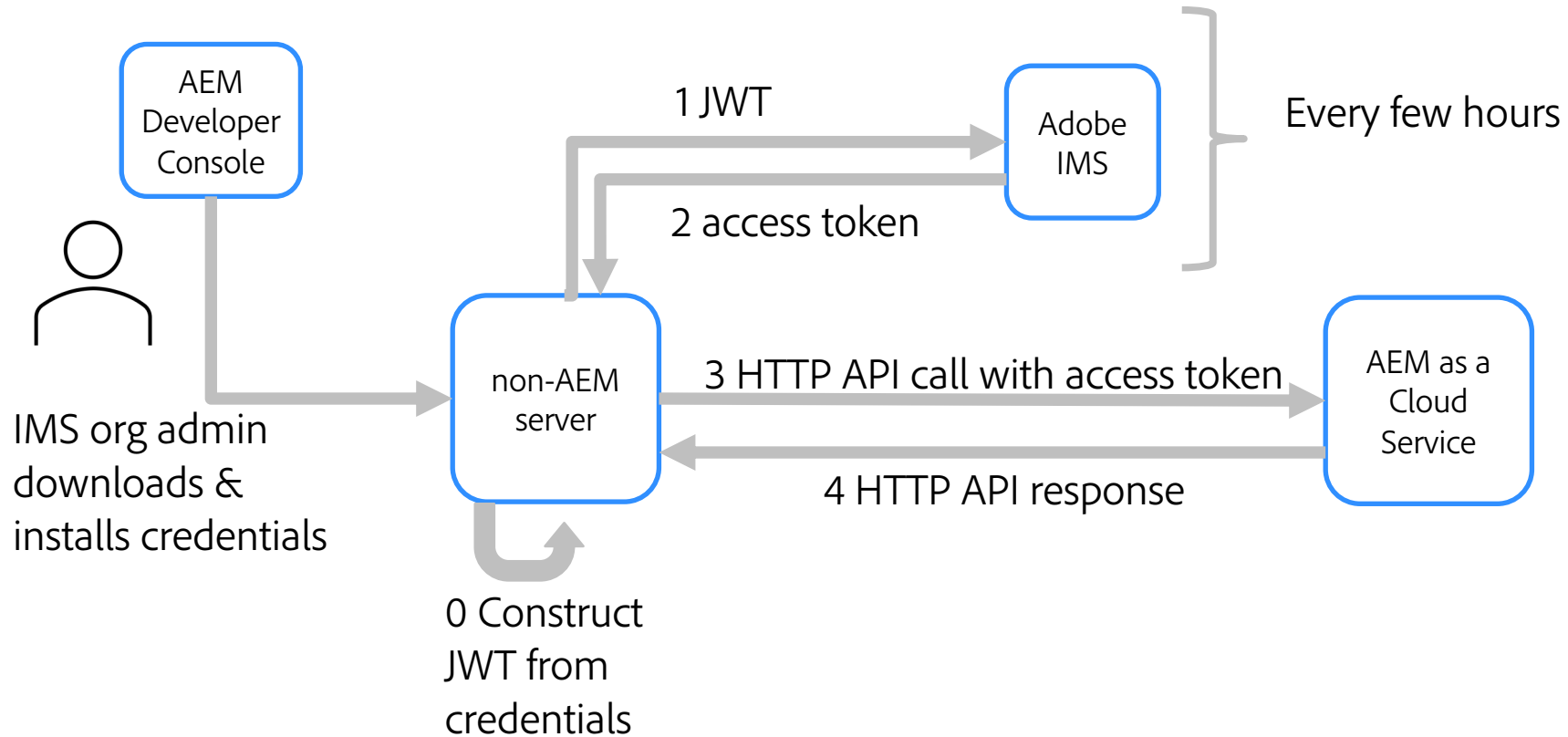
Generating the JWT Token

- From AEM Developer Console
- IMS org admin downloads service credentials and installs on server as a secret
- Application reads in the credentials and uses it to construct a JWT Token

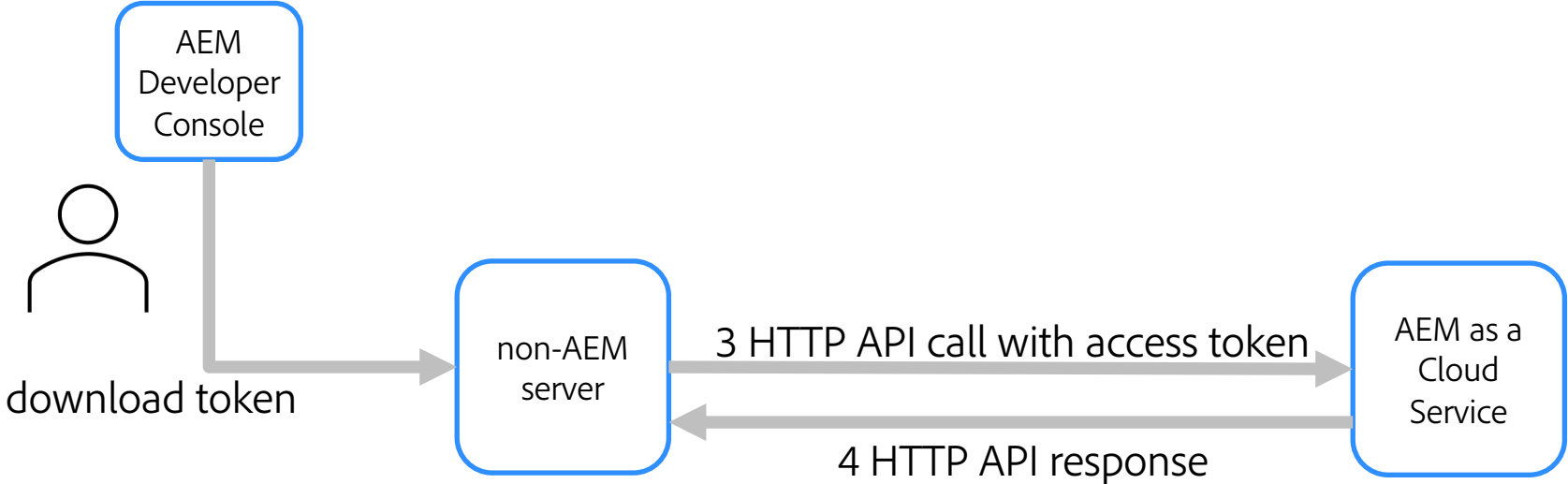


The screenshot displays the AEM Developer Console interface. At the top, the title "Developer Console" is visible on the left, and a "Sign out" button is on the right. Below the title, there is a section for "Environments" with a status indicator "online" and a "Hibernate" button. A "Pod" dropdown menu is also present. A navigation bar includes links for "Status", "Java Packages", "Servlets", "Queries", and "Integrations", with "Integrations" being the active tab. Two main sections are highlighted with blue buttons: "Get Local Development Token" and "Get Service Credentials". Each section includes a brief description and a link to "See documentation". At the bottom, there is a link for "AEM ADMIN LOGIN".

End to end credentials generation and API call



Shortcut during development



Shortcut during development

Developer Console Sign out

Environments > ● online Hibernate

Pod

Status Java Packages Servlets Queries Integrations

Get Local Development Token

For development purposes, generate a short-lived access token for non-AEM server-side applications to authenticate with an AEM as Cloud Service environment. [See documentation](#)

Get Service Credentials

For production purposes, generate a long-lived secret JWT token for non-AEM server-side applications to exchange with Adobe IMS for an access token, which can authenticate with an AEM as Cloud Service environment. [See documentation](#)

> AEM ADMIN LOGIN

Demo



Resources and Q&A

- Public documentation: <http://adobe.ly/3aC4ur2>
- Demo code: <https://github.com/tmaret/adobe-developers-live-api-auth-demo>

