

#### **EUROPE'S LEADING AEM DEVELOPER CONFERENCE**

28<sup>th</sup> – 30<sup>th</sup> SEPTEMBER 2020

#### A cloud-native AEM

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#### About Us



Alexander Saar

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## The goal

Revolutionize AEM delivery with cloud-native agility for never seen velocity of innovation while retaining ability to extend and build.



## For the love of great engineering



208x More frequent code deployments



106x
Faster lead time
(commit to deploy)



2604x
Faster time to recover



7x Lower change failure rate

from DevOps Research and Assessment, State of DevOps 2019

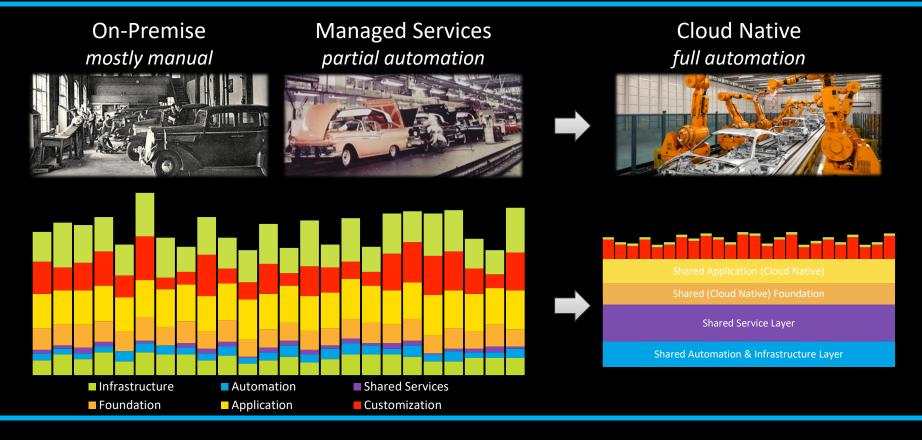


# Design principles



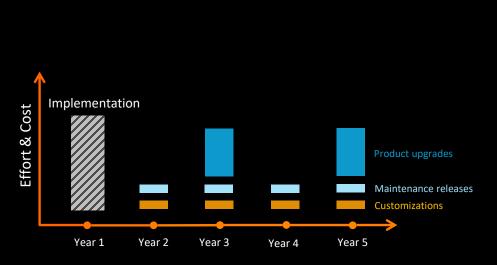


# **Evolution of AEM Delivery**

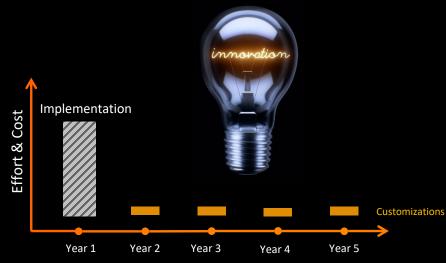




## For developers



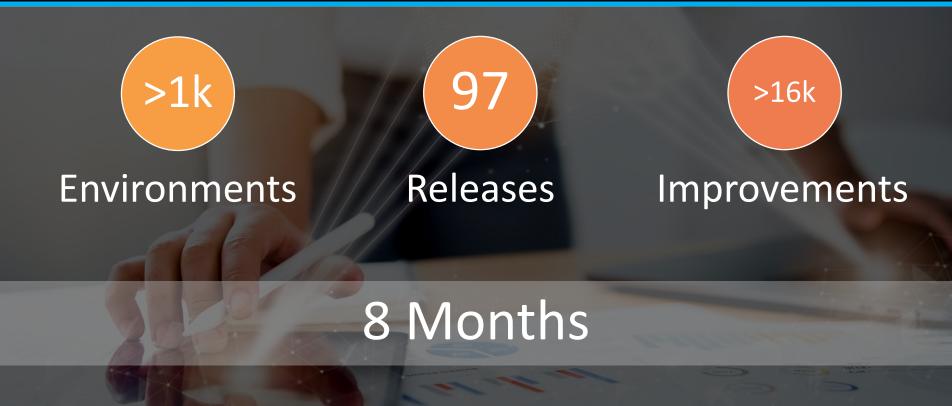
Typical enterprise software lifecycle



AEM as a Cloud Service

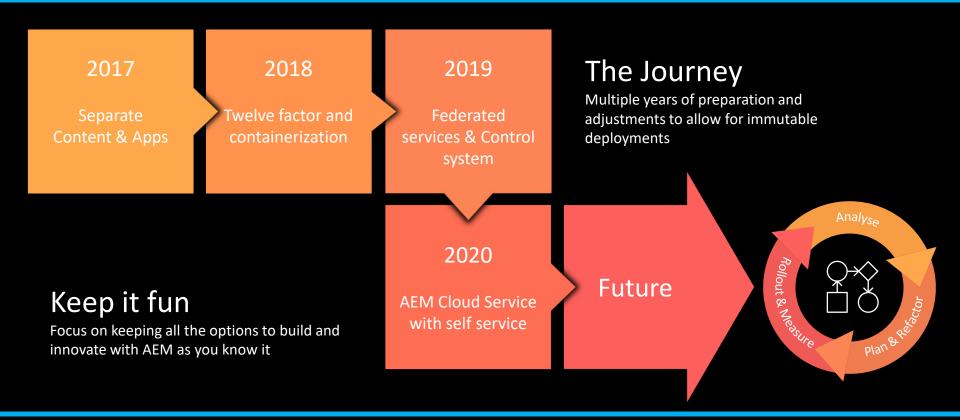


# Escape velocity





### Revolutionary evolution





### Good Old Friend AEM









#### **Cloud Native Architecture**

**Testing Service** 

**Assets Compute Service** 

**CDN Service** 

**Replication Service** 



Content Repository
Service

Nodes (Publish)

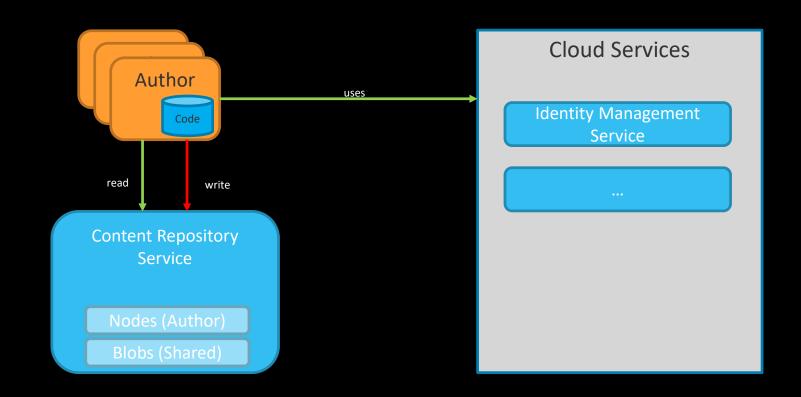
Nodes (Author)

Blobs (Shared)

Identity Management
Service

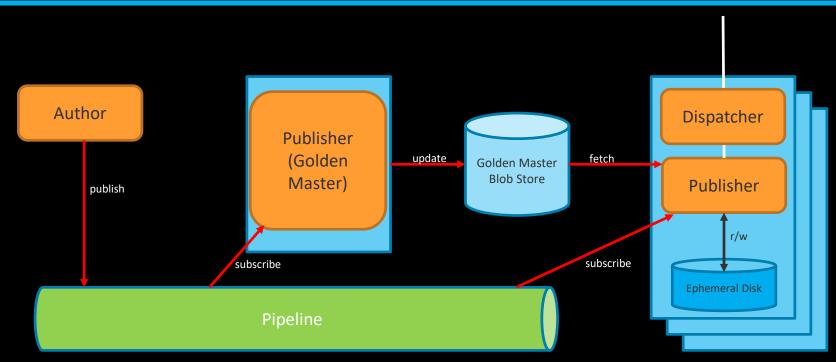


### Out of the box : Author Cluster





#### Out of the box : Publish Farm



#### **Global Scale Content Distribution**



EXPERIENCE CONSUMERS (Load Time: 1.3s)

**EXPERIENCE CREATORS** 

Content Delivery Network



EXPERIENCE CONSUMERS (Load Time: 1.3s)

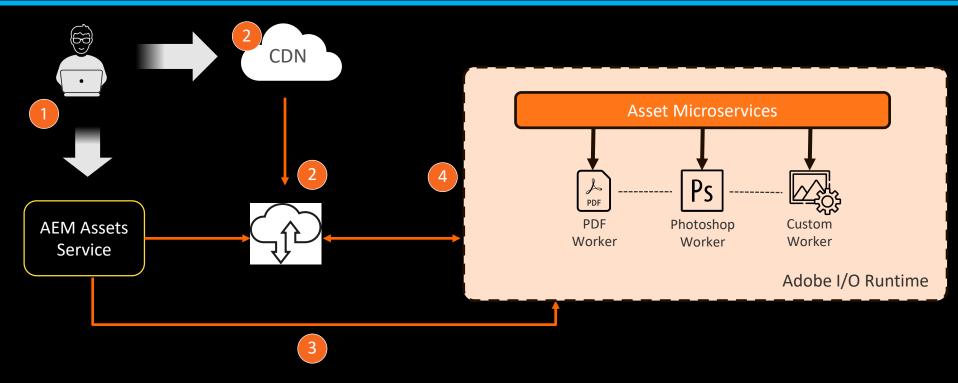


EXPERIENCE CONSUMERS

(Load Time: 1.5s)

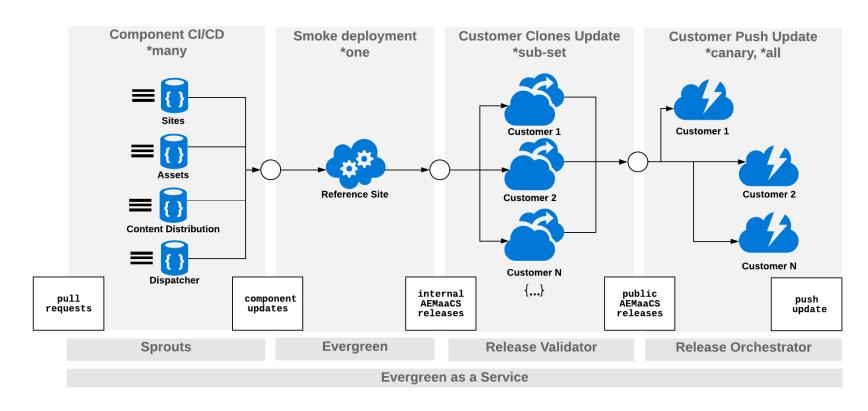


## **Asset Compute Service**



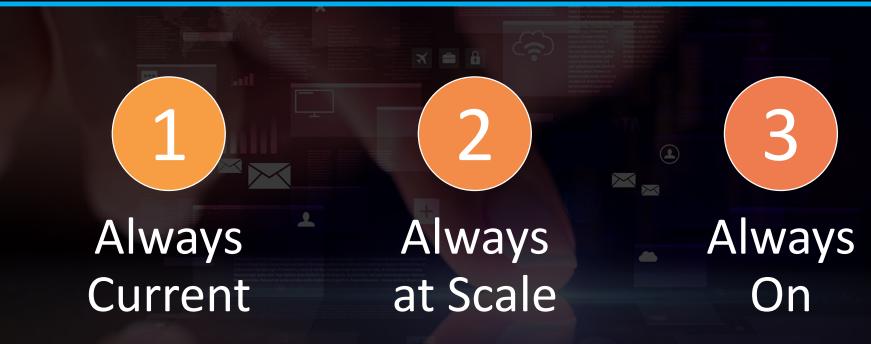


## **Automated Product Upgrades**





#### **AEM** as a Cloud Service





# Q&A