moodemoot

ÀGORA to the Cloud

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Migration of AGORA to AWS

- 1. A bit of context
- 2. Why the cloud?
- 3. Migration strategy
- 4. The project
- 5. Lessons Learned



1. A bit of context

- 2006, the beginning of it all
- AGORA/Moodle
- IThinkUPC, helped with it all
- But, time flies!



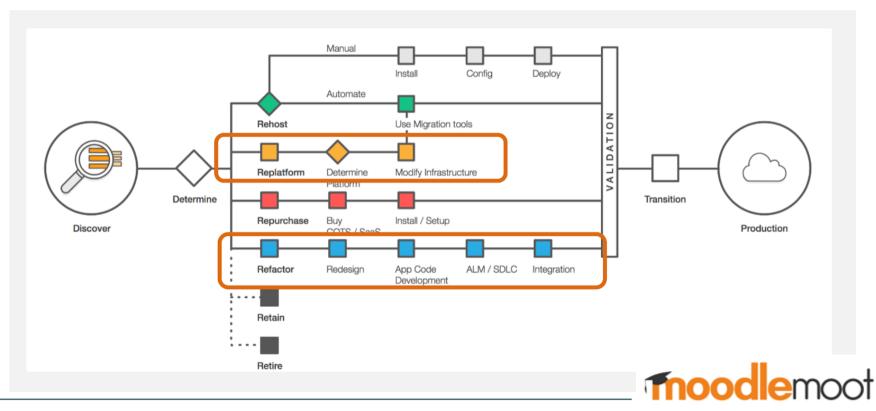
2. Why de cloud?

Business and Technology needs

- Drivers: Elasticity and Agility
- The cloud: AWS vs AZURE

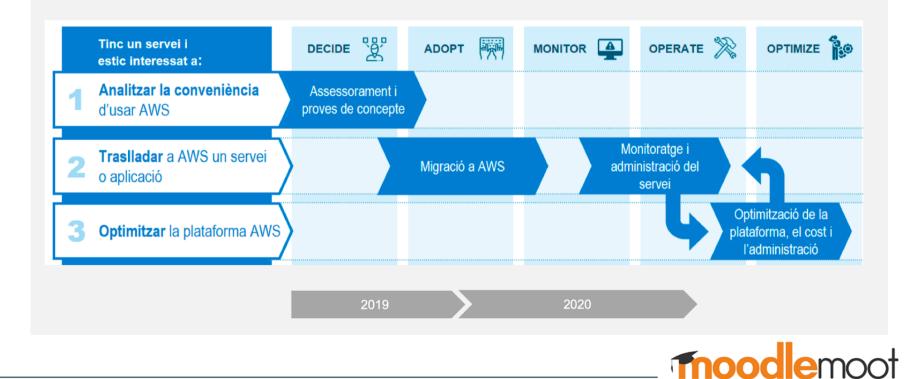


3. Migration strategy

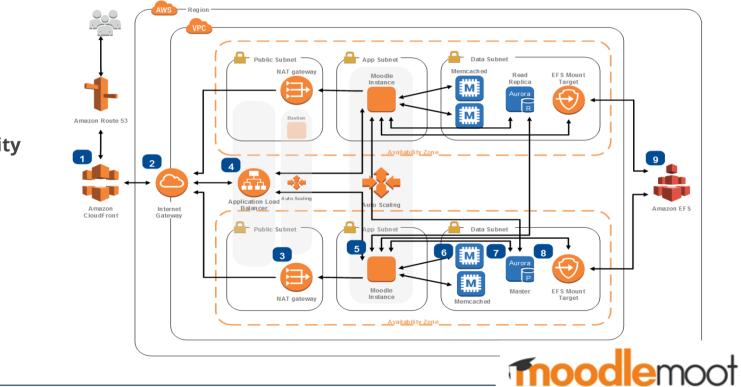


Source: AWS. More information: https://aws.amazon.com/blogs/enterprise-strategy/6-strategies-for-migrating-applications-to-the-cloud/

4. The project - planning

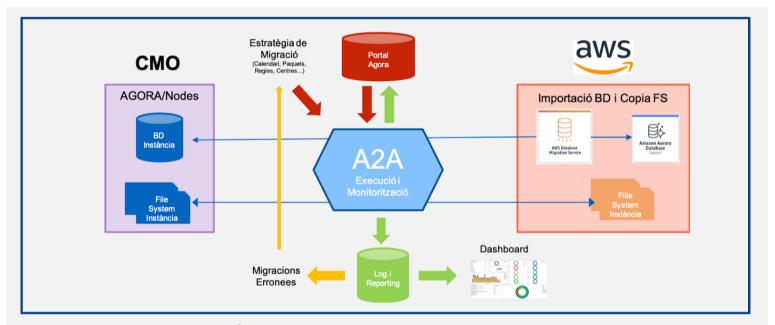


4. The project - infrastructure



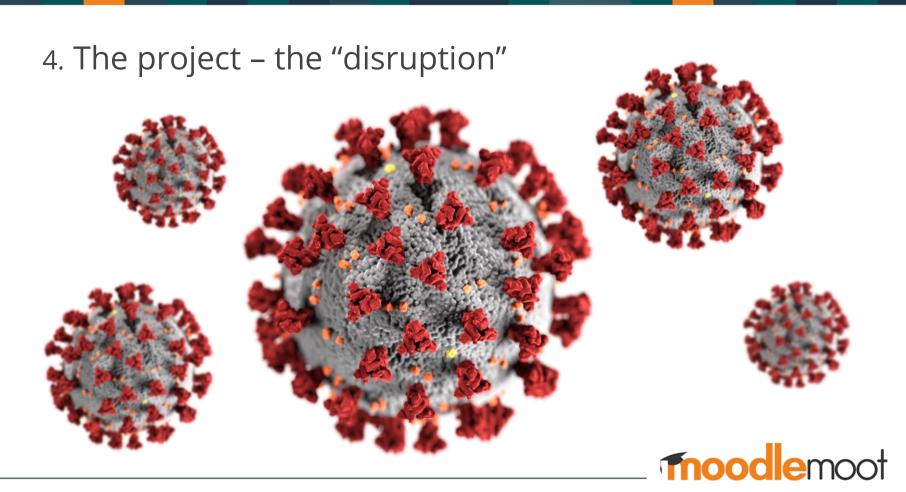
- High Availability
- Autoscaling
- Serverless

4. The project – the "secret"



A2A – Àgora To AWS: Aplicació de Suport a la migració





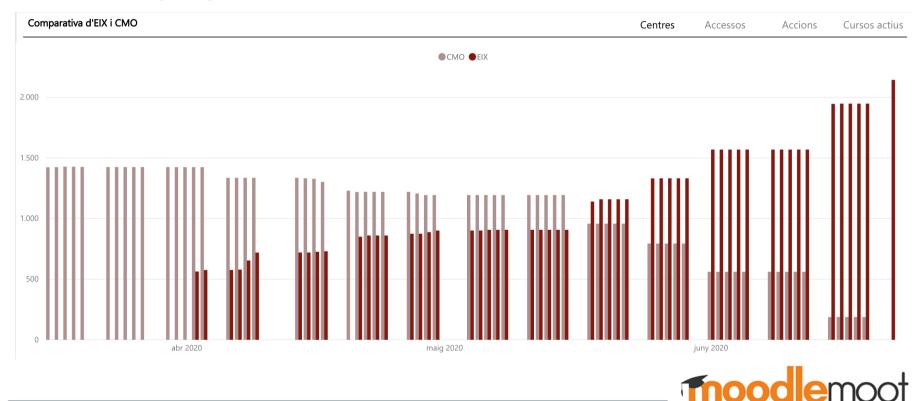
Source: https://pxhere.com/es/photo/1608792

4. The project – EIX

- Priority to primary schools
- 700 new instances
- Same code, different template



4. The project – the service



Source: https://educaciodigital.cat/moodle/moodle/

- 5. Lessons learned
 - PoC
 - Collaboration with AWS
 - Data migration
 - IaaC, autoscaling, serverless
 - Team work



Thank you very much!

For more information, please do not hesitate to contact us



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