AWS re:Invent

NOV. 29 – DEC. 3, 2021 | LAS VEGAS, NV

ENT308

Mainframe migration of a COBOL application to AWS

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Agenda

Automated code refactoring

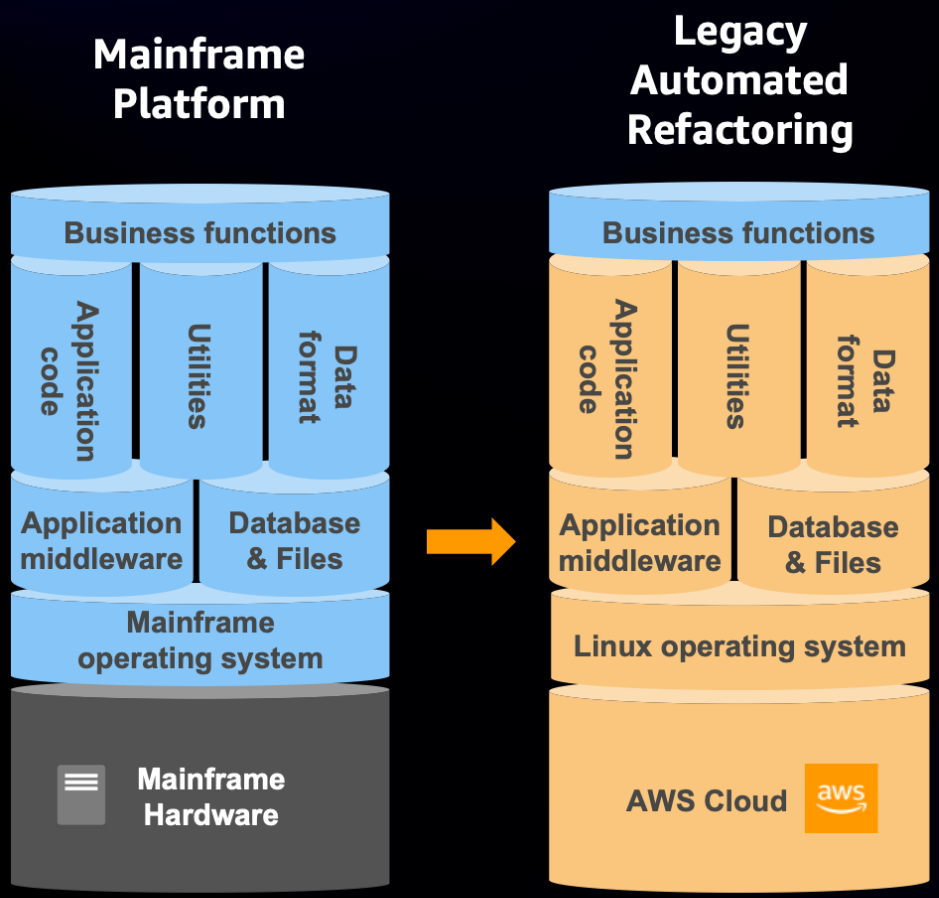
Flow

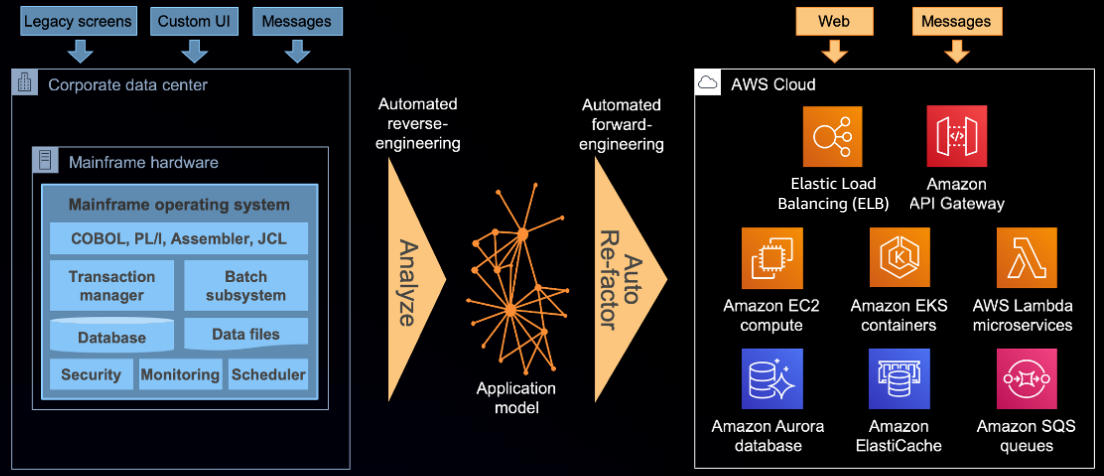
Architecture

Hands on

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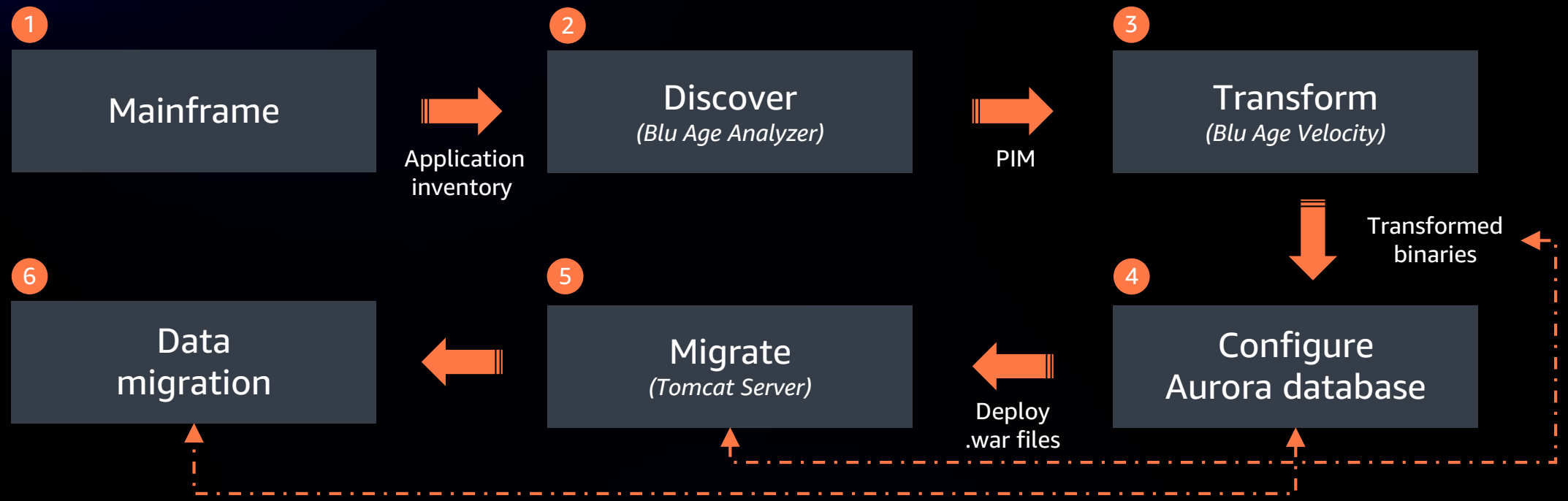
Automated code refactoring





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Flow

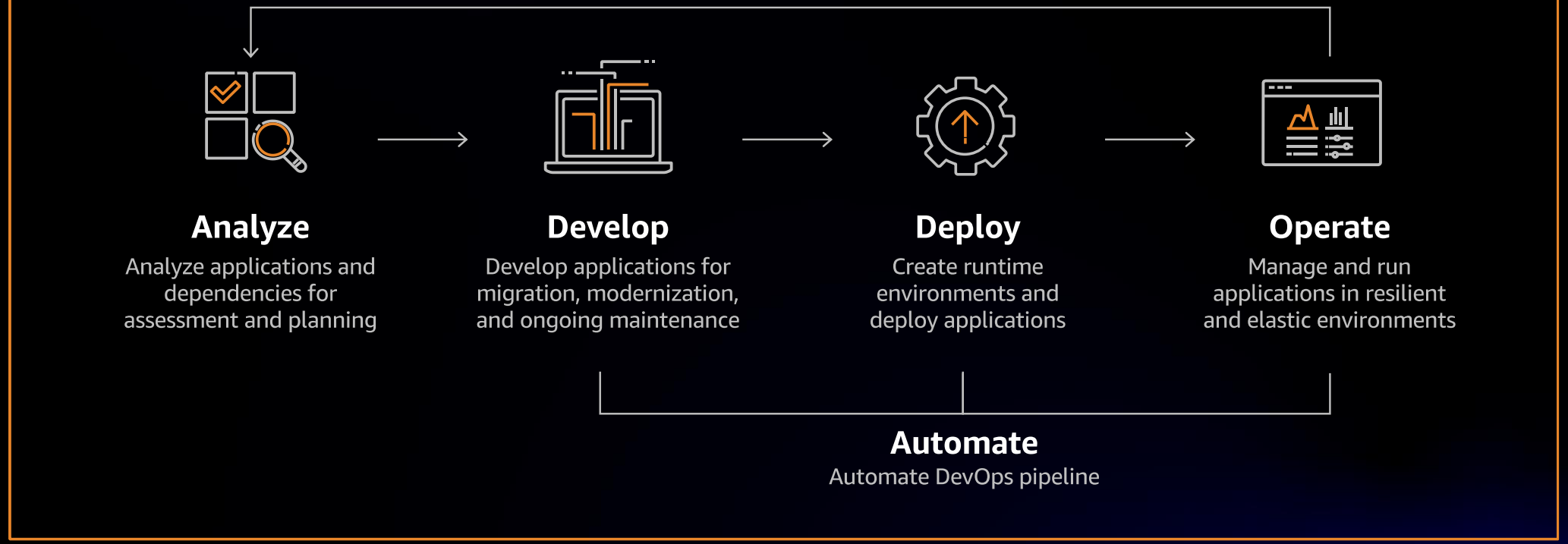


Source environment		Target environment
COBOL	→	Java Spring Boot
JCL	→	Groovy
BMS	→	Angular
VSAM	→	Aurora PostgreSQL

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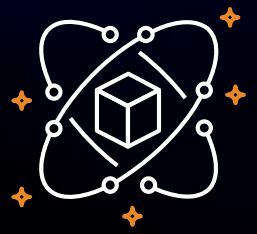
Introducing AWS Mainframe Modernization service

"AWS Mainframe Modernization service is a platform for migration, modernization, execution, and operation of mainframe applications."



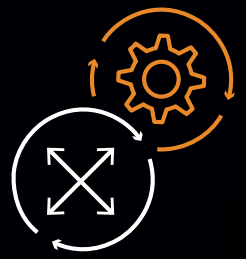
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AWS Mainframe Modernization service key benefits



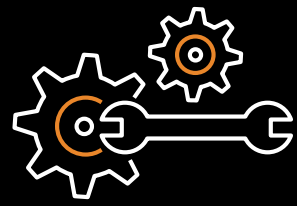
Agility

- DevOps
- On-demand
- Managed



Managed service

- Fewer, simpler interfaces
- Automation for resiliency
- Automation for operations



Proven toolchains

- Replatforming
- Refactoring



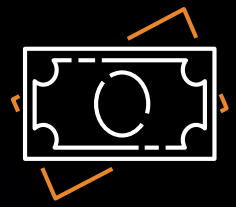
Quality of service

- Security
- High availability
- Elasticity



Fast modernization

- Incremental changes
- Efficient toolchains
- Quick benefits



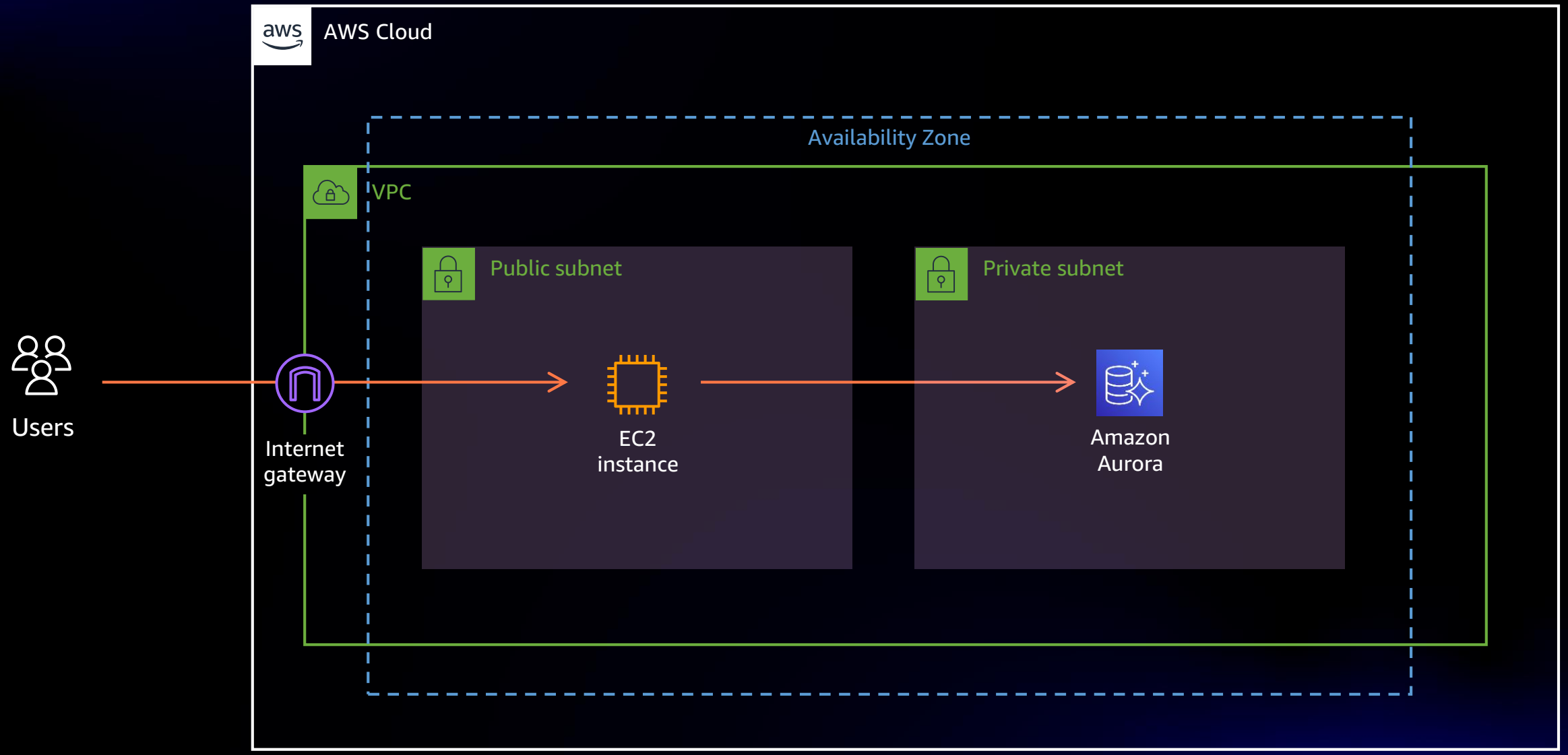
Cost efficiency

- Pay-as-you-go
- Elastic infrastructure
- Low cost of entry

aws

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Architecture



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Resources

https://dashboard.eventengine.run/login

Event Hash: f522-19843e7fc4-4d

https://tinyurl.com/ya7rt5w7

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Thank you!

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