The Advantages of Moodle in the AWS Cloud by eThink Education

eThink

moodle Partner
PREMIUM CERTIFIED SERVICES PROVIDER

Presenters

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totara PLATINUM PARTNER

- eThink overview
- Current Climate
- AWS Reliability Scale, and Security
- Moodle via AWS Marketplace
- Moodle Deployed by Experts

WHAT IS moodle ?

Modular **O**bject-**O**riented **D**ynamic **L**earning **E**nvironment

243,000,000+ LEARNERS

Community-Driven

Best to be deployed by experts

Open-source learning portal

Most widely adopted LMS in the world

Flexible & configurable

ABOUT ETHINK EDUCATION

CERTIFIED PREMIUM MOODLE PARTNER

HIGH-TOUCH, HIGH-QUALITY

We provide a fully-managed Moodle Workplace experience, covering all LMS-related needs including:

Integrations

Consulting

Implementation

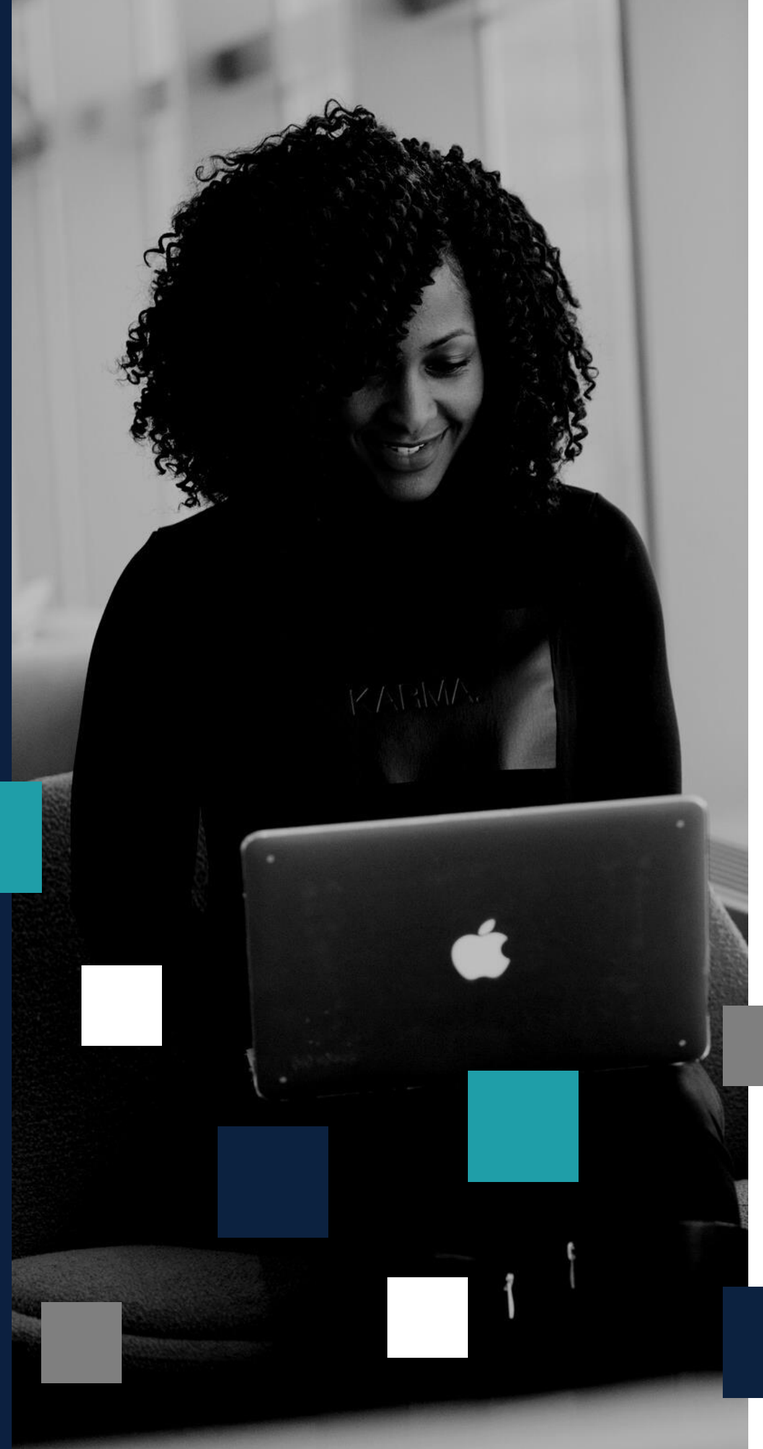
Hosting

Content

Service

CURRENT CLIMATE

- Increased overall usage
- Increased concurrent usage
- Increased need for superior customer service
- Increased need to instructional design



What is Amazon Web Services (AWS)?

A broad and deep platform that helps customers build sophisticated, scalable, secure applications

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AWS helps eThink scale globally with resilience

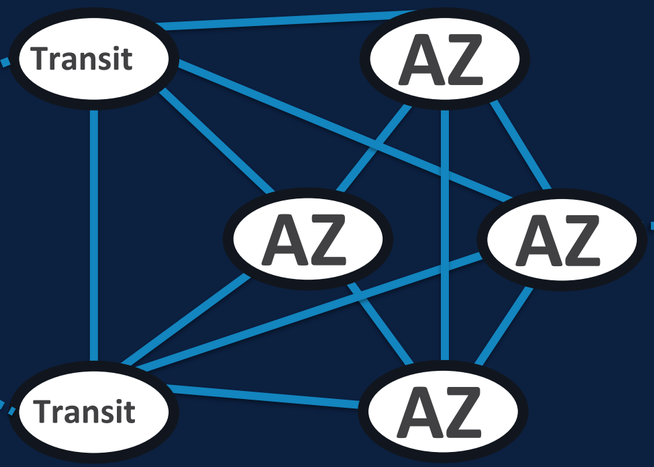
Region & Number of Availability Zones

Announced Regions

Indonesia, Japan, Spain, and Switzerland

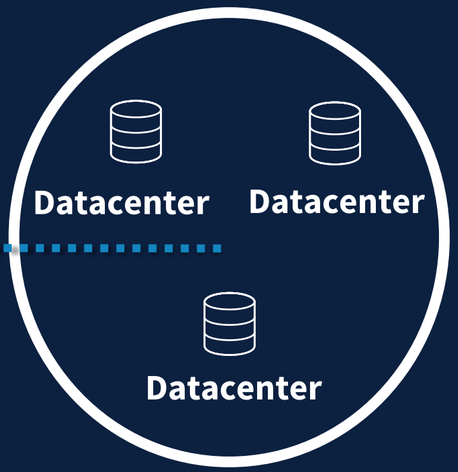
24 Regions
77 Availability Zones

AWS Region



A Region is a physical location in the world where we have multiple Availability Zones.

AWS Availability Zone (AZ)



Availability Zones consist of one or more discrete data centers, each with redundant power, networking, and connectivity, housed in separate facilities.

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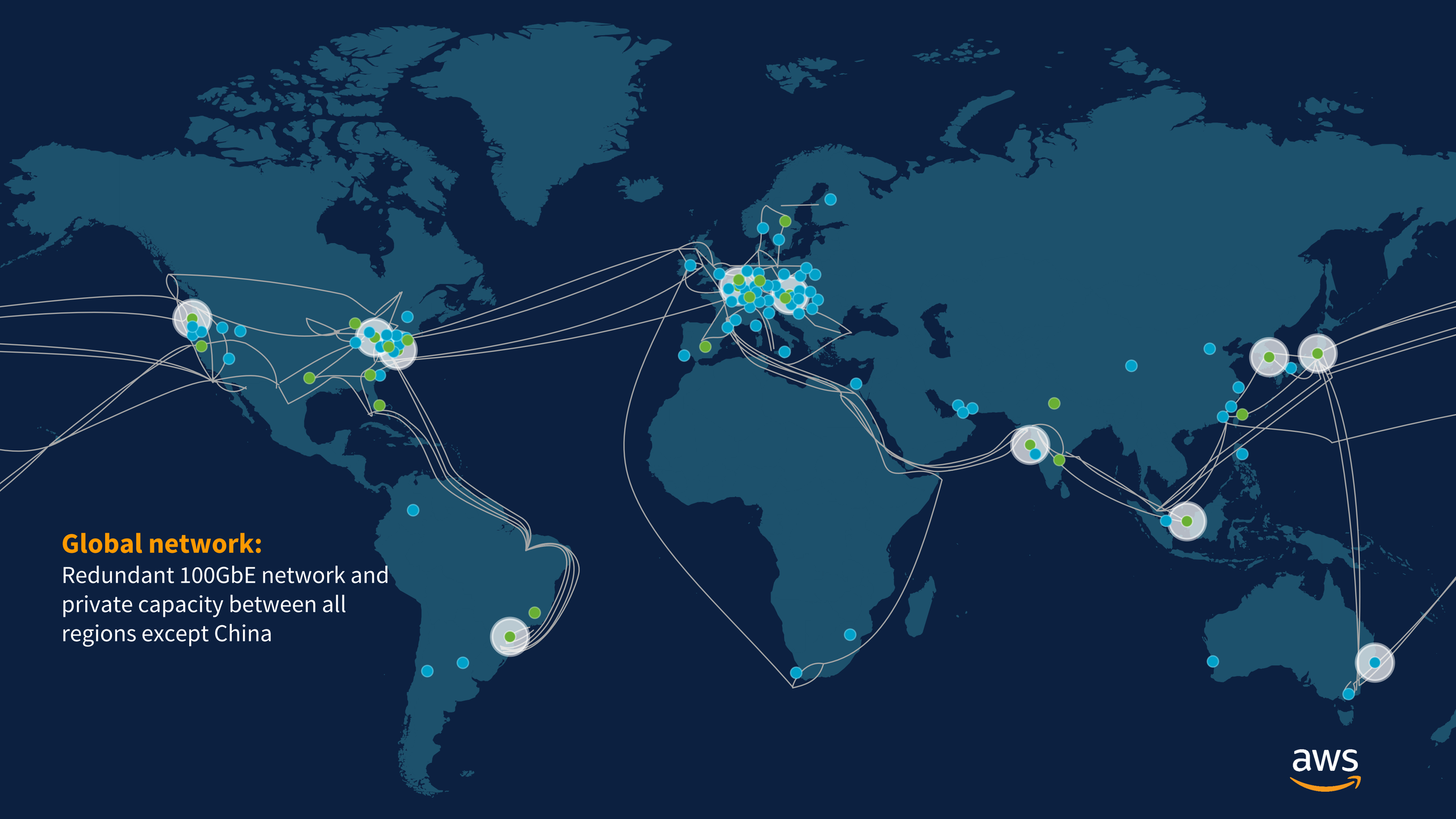
Global network:
Redundant 100GbE network and private capacity between all regions except China
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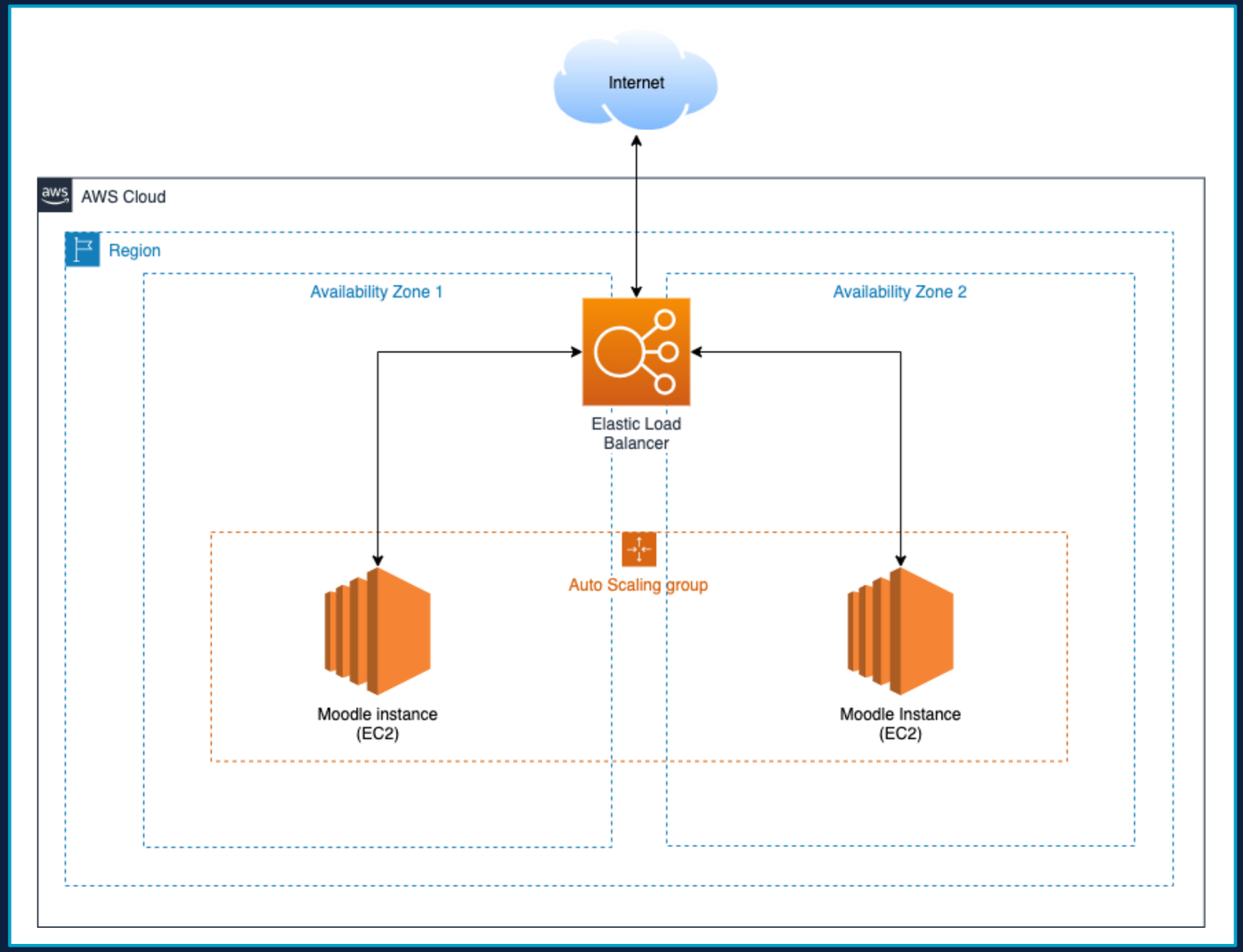
Moodle architected for high availability

Web server instances deployed across multiple Availability Zones

Loss of single instance or AZ won’t result in system downtime

Use of Auto Scaling ensures capacity is available to meet demand



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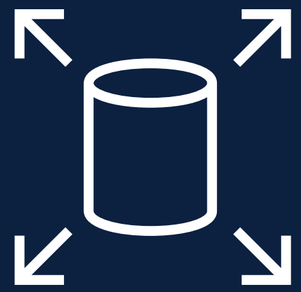
Moodle data available, secure, backed up

Amazon Aurora

Database

Amazon EFS



Amazon EBS

File systems

AWS Backup

Amazon S3

Backups

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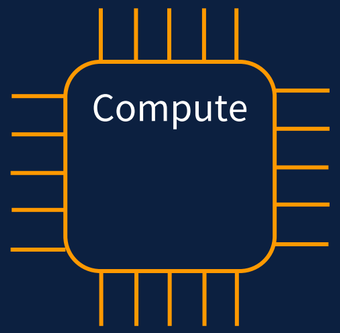
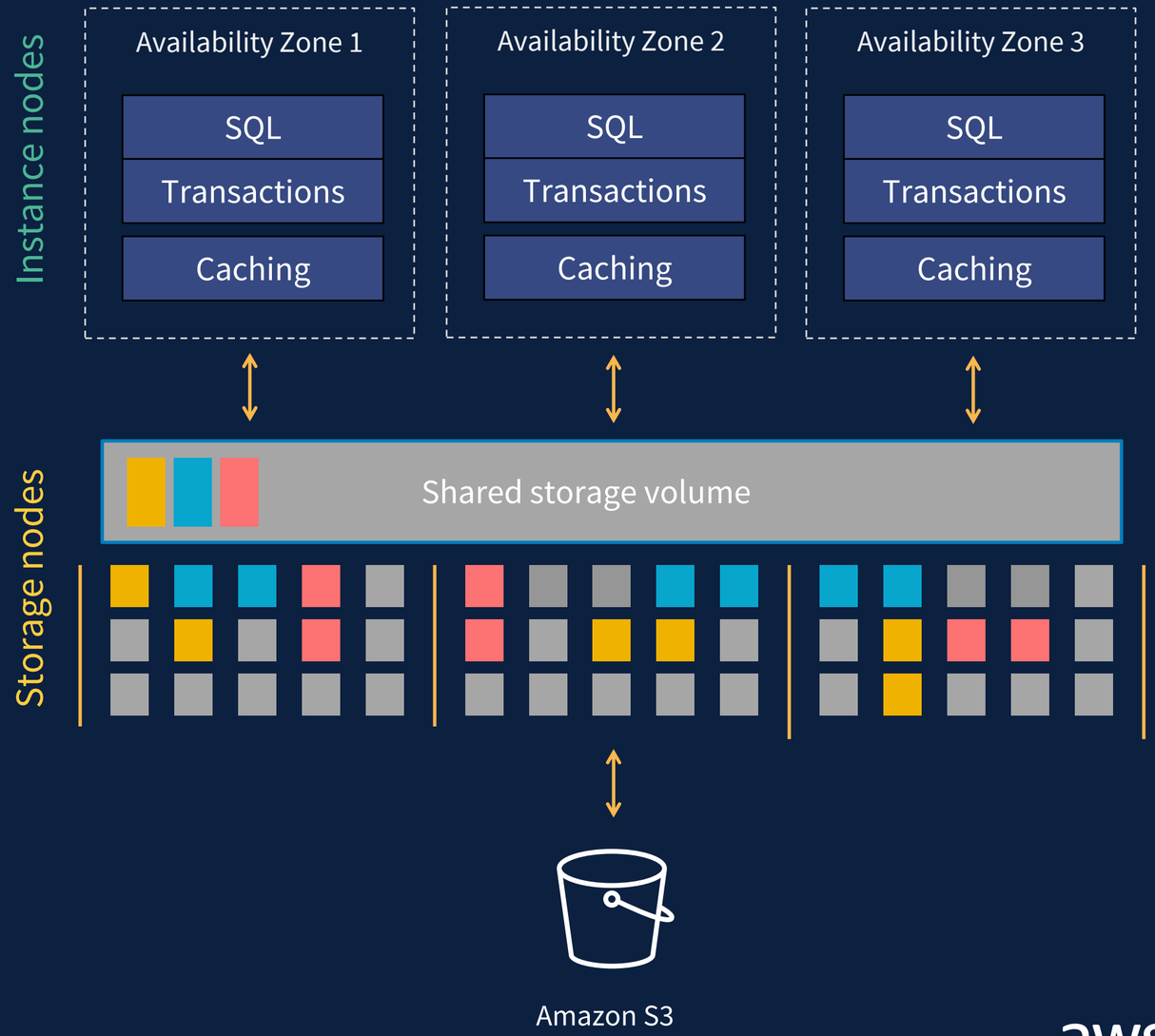
Moodle database backed by Amazon Aurora

Amazon Aurora





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Moodle file systems backed by EBS and EFS

Amazon EBS

Provides block level storage volumes for local files system on Moodle web server instances

Volumes are automatically replicated within its Availability Zone to prevent data loss due to failure of any single hardware component

Amazon EFS

Provides a shared files system accessible by Moodle web server across all AZ to facilitate high availability

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Moodle back ups on AWS

AWS Backup

A fully managed backup service that makes it easy to centralize and automate the backup of data in Amazon EC2, EBS, EFS, and Aurora

All backups in AWS are encrypted using AWS KMS managed keys.

Amazon S3

Native Moodle course backups are stored in S3 and can be made available to eThink customers via FTP

S3 object level storage is designed for 99.999999999% (11 9's) of durability.

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AWS Partner Network (APN)

The APN enables AWS Customers to identify high-quality APN Partners who deliver value-added services and solutions on AWS through specific APN Partner Programs and go-to-market (GTM) opportunities.

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What is the AWS Competency Program?

The **AWS Competency Program** is designed to identify, validate, and promote top AWS Partners with proven customer success and deep technical knowledge in specialized workloads, solution areas, and industry segments

aws partner network | **competency** **education**

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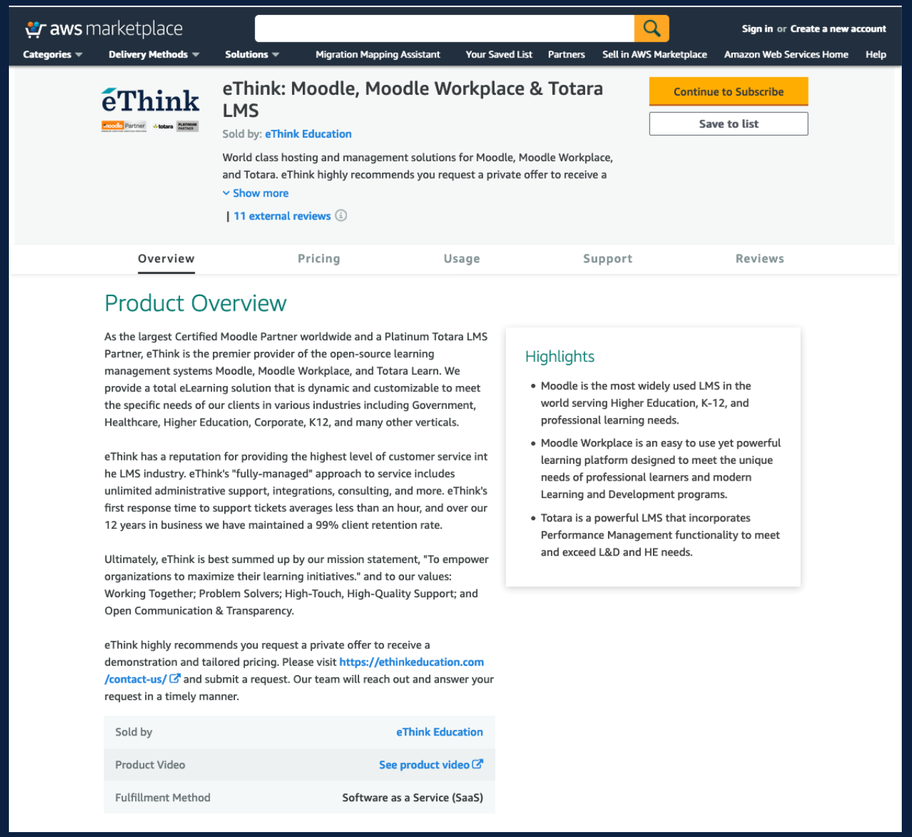
eThink Moodle available through AWS Marketplace

- 9,000+ software listings from more than 1,600 ISVs available today
- 290,000 active customers
- Consolidate billing
- Streamline procurement hurdles



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moodle

FOR HIGHER EDUCATION

Functionality

Analytics & Reporting

Advantages of a Service-Heavy Model

Time-Saving Integrations

Best to be deployed by experts

Why?

INTEGRATIONS

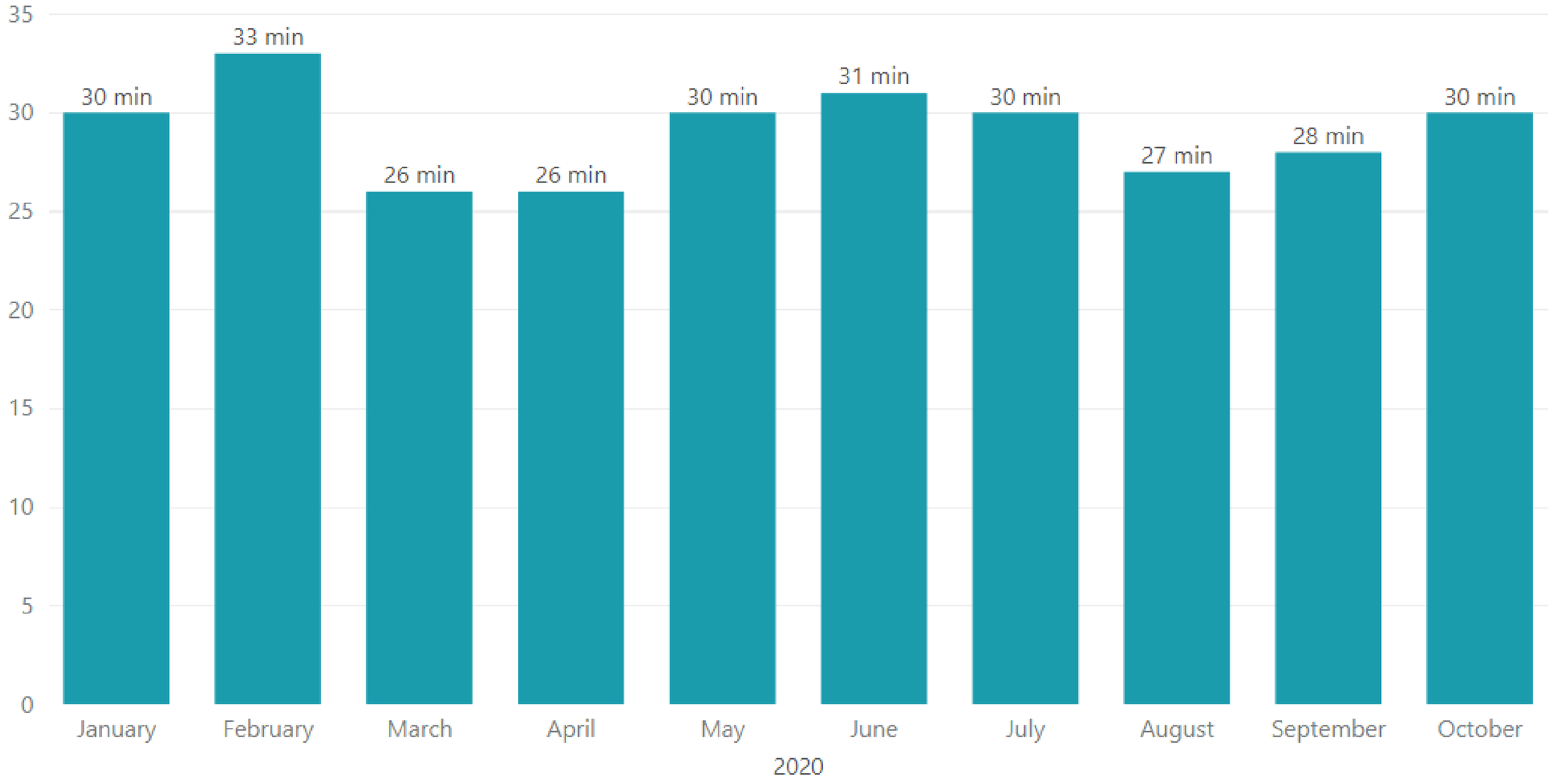
SECURITY

USER INTERFACE / USER EXPERIENCE

SUPPORT

CONSULTATION

FIRST RESPONSE TIMES/BUSINESS HOURS (In minutes)



“We're just really happy to be hosted by people who genuinely care about our experience and actively work to make it better.”

“You guys are awesome...seriously not kidding I've never learned a system so fast.”

"Its….. its so beautiful….Thank you, seriously.”

“I am a kid who likes chocolate and you guys are Willy Wonka!”

“What is clear to me is that the eThink employees is what people are buying. Their knowledge, skills, experience is what makes eThink unique. And that is something you all should be proud of.”

We are very pleased with the Moodle platform and with the quality of service from eThink. eThink staff have been extremely responsive, helpful and a real pleasure to work with. Whenever we had questions, we received prompt replies. Thanks for being a great business partner."

#eThinkLove

Q&A

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eThink

moodle Partner

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