



COLLABORATE18

TECHNOLOGY AND APPLICATIONS FORUM
FOR THE ORACLE COMMUNITY

Running JDE on AWS



Session ID:

101720

Prepared by:

Marcelo Tamassia

CTO

EmeraldCube Solutions

@EmeraldCube

April 25th, 2018

Remember to complete your evaluation for this session within the app!

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Agenda

- 1 **About Us**
- 2 **AWS 101**
- 3 **JDE Setup on AWS**
- 4 **Benefits**
- 5 **Cloud Myths**
- 5 **Q&A**



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About Us



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Marcelo Tamassia



- Founding Partner @ EmeraldCube Solutions
- Responsible for all Cloud and R&D initiatives @ ECS
- University of Florida MBA
- 20 years of tech industry experience
- 17 years of JDE consulting
- Planned, designed, executed, or managed 100+ E1 implementations worldwide



EmeraldPrism

Best in class CNC monitoring and alerting tool built, proactively identifying issues and changes that can affect stability and uptime

FraudID

Proactively detects and alerts for suspicious accounts payable and payroll activity within JDE E1



Managed Services

On-demand and managed services models with 24x7 coverage and 100% certified on-shore team. OBIEE, JDE E1 CNC, Functional & Development



Project Services

JDE Upgrades and Net New Implementations, as well as Oracle Business Intelligence & Hyperion



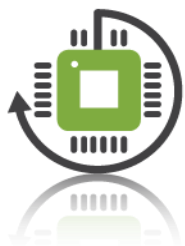
EnCrypto

JDE sensitive data protection with military grade encryption (AES)



EmeraldCloud

Secure managed hosting solution built exclusively for JDE E1 environments.



EmeraldSensor

End-to-End solution, from hardware to analytics, which connects JDE E1 to with the Internet of Things

EmeraldVision

SaaS based Business Intelligence solution built specifically for JD Edwards



AWS 101



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AWS Global Infrastructure

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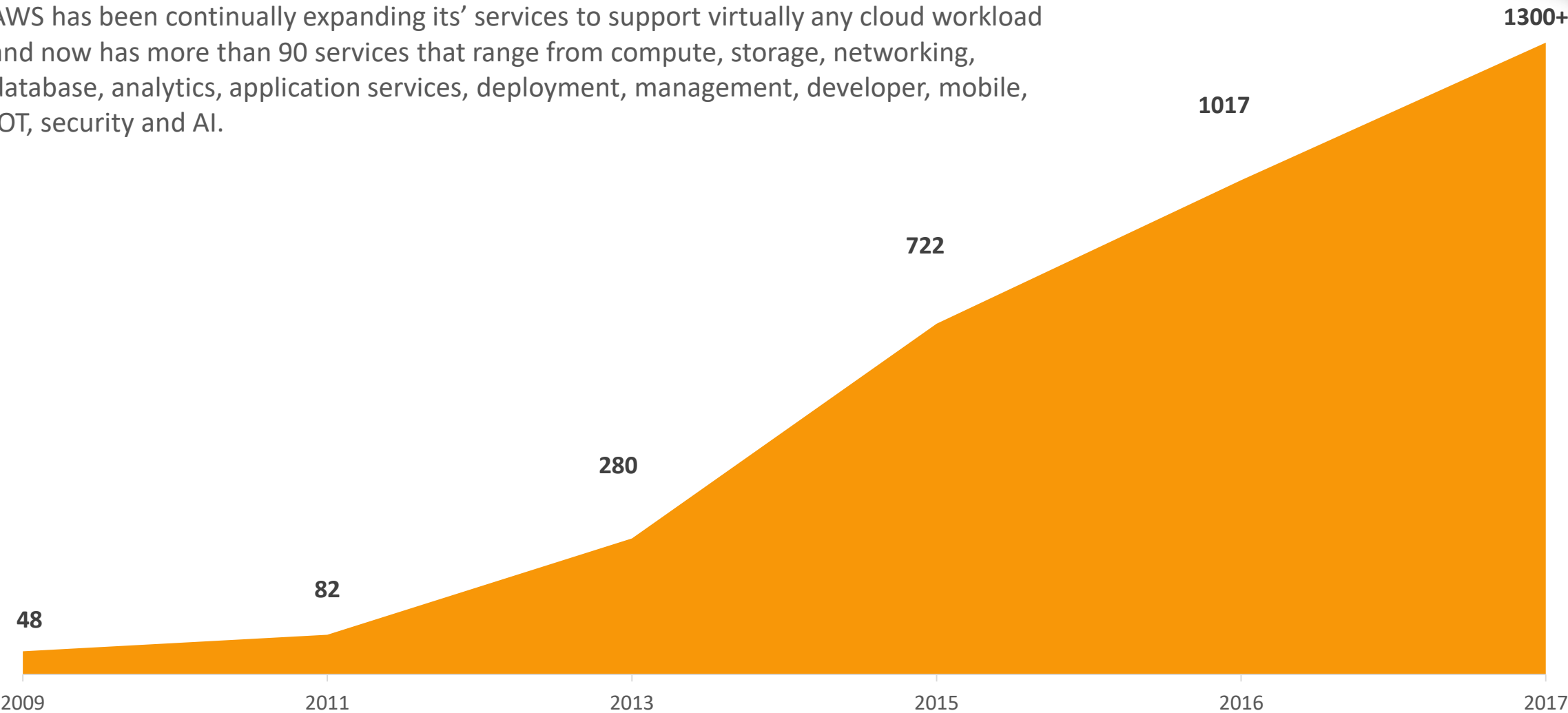


- Region & Number of Availability Zones
- New Region Coming Soon

AWS Pace of Innovation

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AWS has been continually expanding its' services to support virtually any cloud workload and now has more than 90 services that range from compute, storage, networking, database, analytics, application services, deployment, management, developer, mobile, IOT, security and AI.



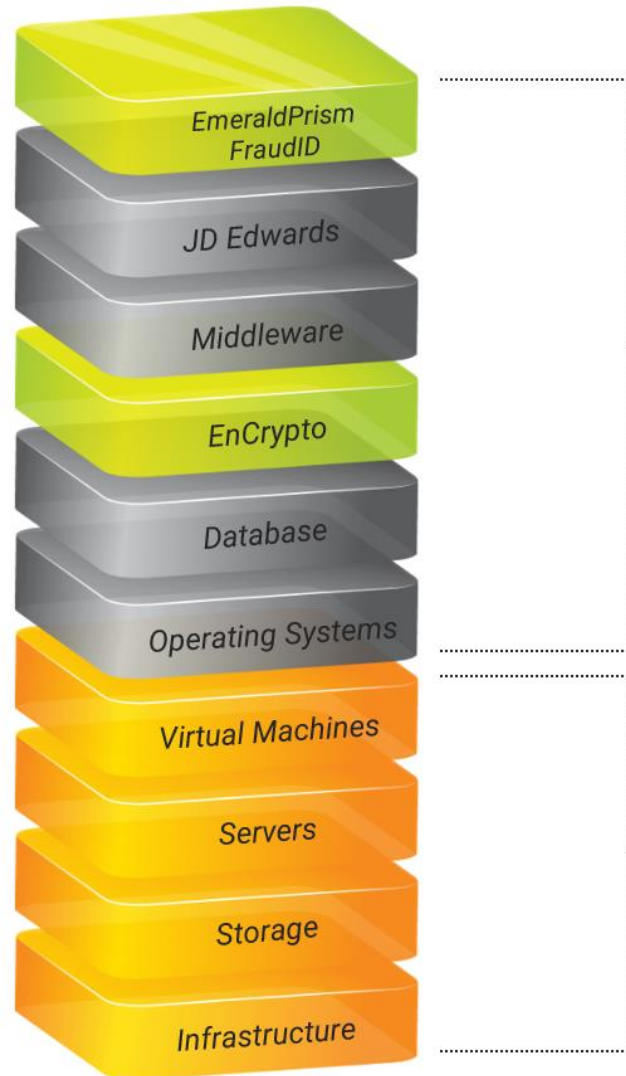
AWS Garter Magic Quadrant Leader



AWS is positioned highest in execution and furthest in vision within the Leaders Quadrant for Cloud Infrastructure as a Service, Worldwide

AWS is 13X larger than the other top 10 providers, combined!

EmeraldCube + AWS



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SOLUTIONS



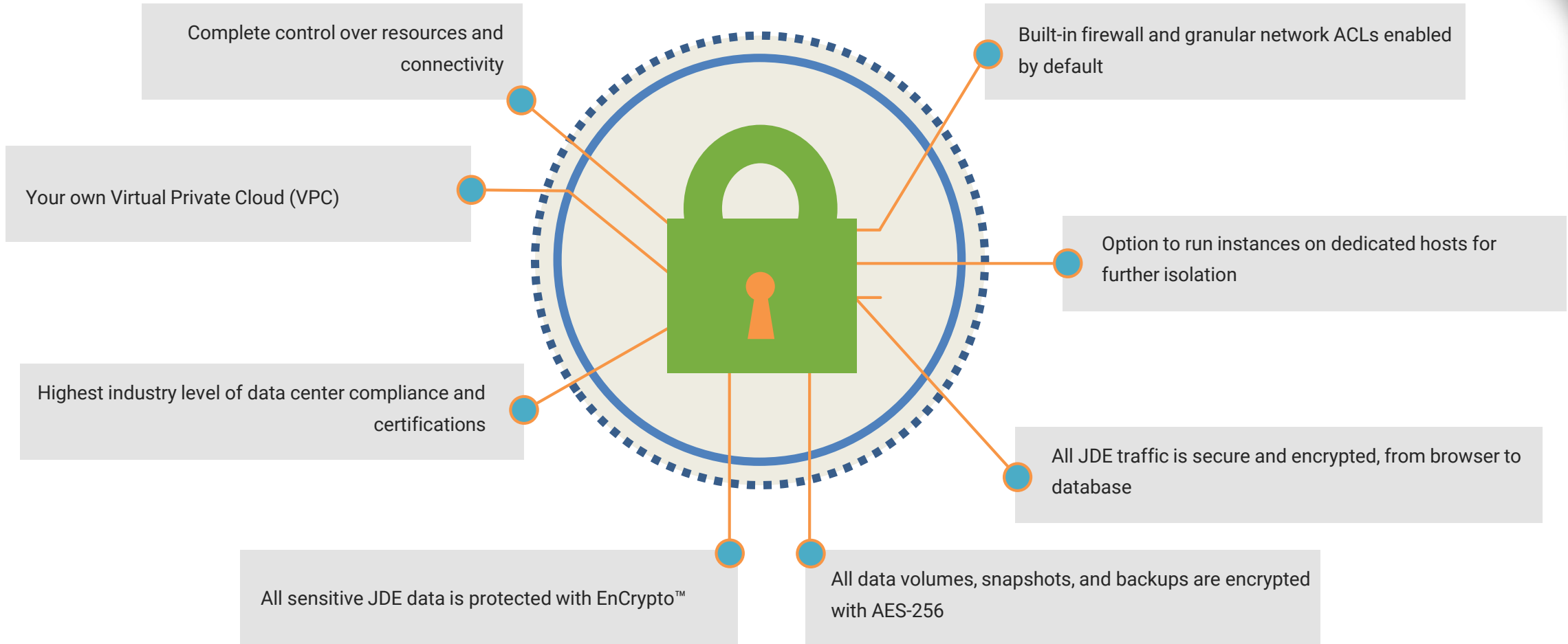
amazon
web services



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Secure



JDE Setup on AWS



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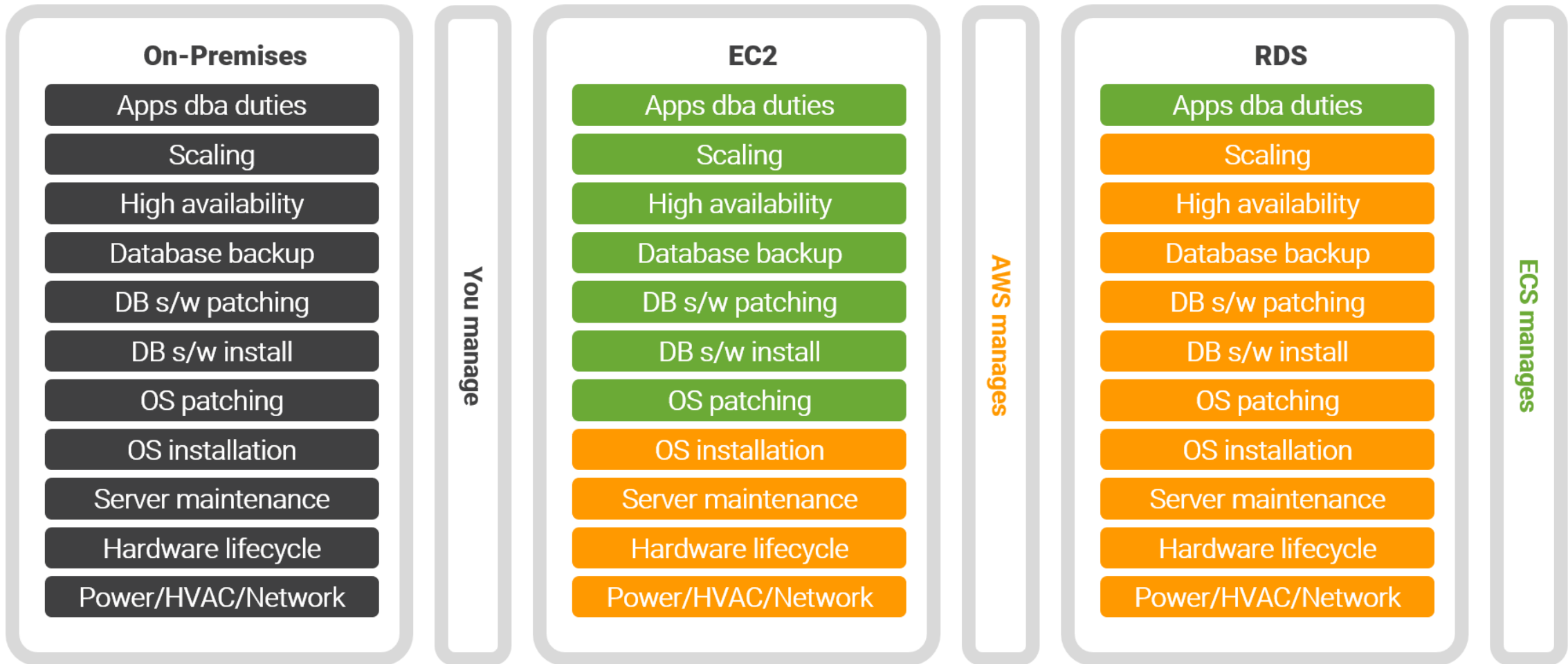
JDE + AWS Services

- Network
 - VPC & Subnets
 - VPN
 - ELB
- Compute
 - EC2
 - SSM
- Storage
 - EBS
 - S3
 - Glacier
- Database
 - RDS
- Others
 - CloudFormation
 - Lambda
 - GuardDuty
 - TimeSync
 - Config
 - CloudTrail
 - SNS / SQS

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RDS

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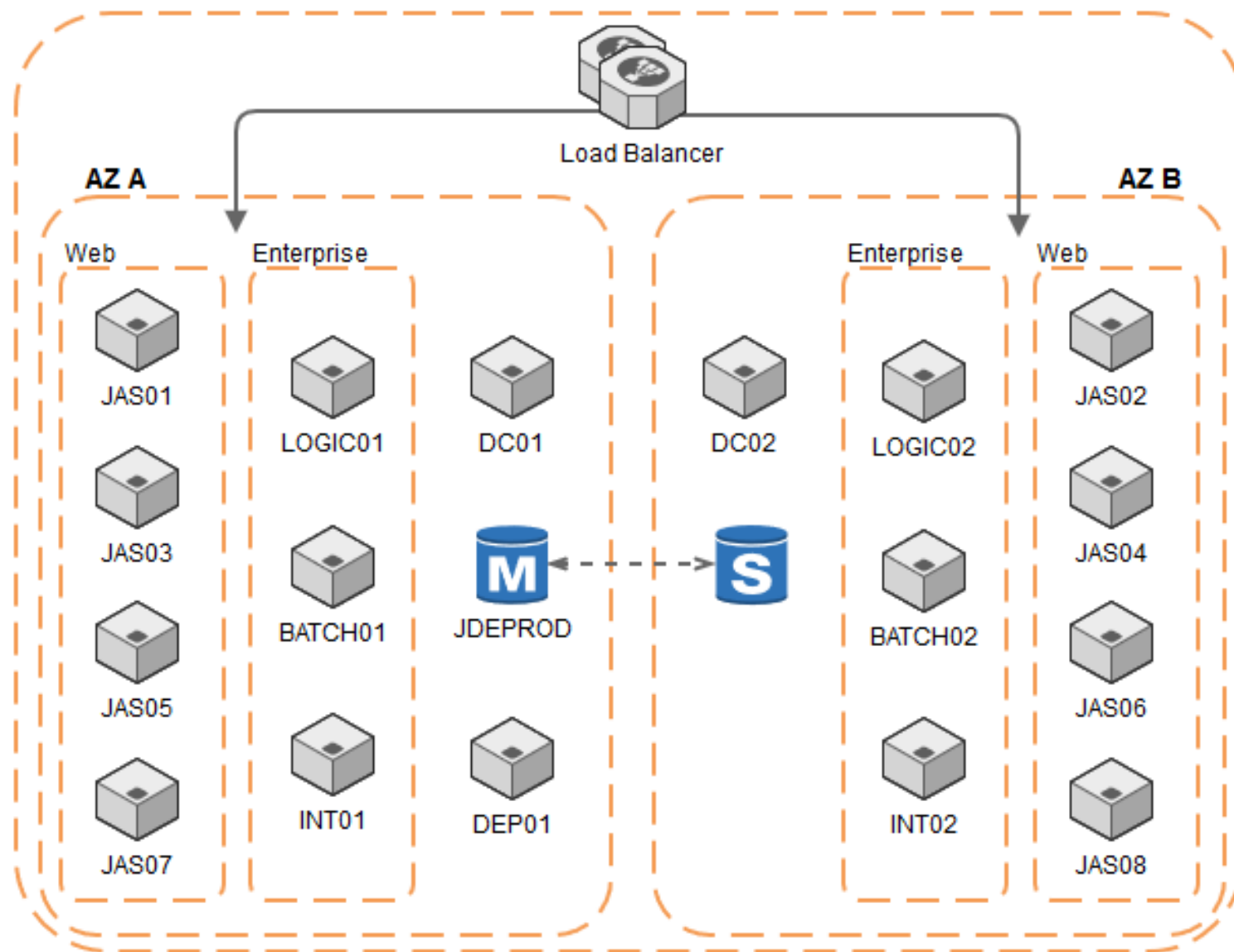


HA Options

- Basic
- HA

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JDE HA Design – Production



Benefits



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Benefits

1

No more hardware upgrades and infrastructure management, ever

2

Focus on your business: Stop spending money on maintaining IT Infrastructure and JDE environment

3

Single vendor: No more finger pointing between infrastructure, DBAs, and system admins

4

Flexible pricing options that can fluctuate with your business needs

5

Combination of EmeraldCube extensive JDE expertise with AWS robust infrastructure

6

AWS has been the most scalable, flexible, and secure cloud offering in the market for over 10 years

7

Military grade encryption to protect your sensitive data

8

Easy, simple, and built-in high-availability, disaster recovery and business continuity options

9

Unmatched monitoring and alerting capabilities using EmeraldPrism and FraudID

10

Strict SLAs for hosting (availability) and support (response time)

11

EmeraldCube is an AWS and Oracle Certified partner

12

Multiple connectivity options to fit your business requirements

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Myths



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Myths

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1

Security

2

Cost

3

Support

Q&A



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Documentation and Useful Links

Knowledge Documents

- E1: AIS: Application Interface Server (AIS) (TR 9.1.5) (TR 9.2) (Doc ID [2094701.1](#))
- E1: IoT: Internet of Things Orchestrator Components (Getting Started) (Doc ID [2026713.1](#))
- E1: AIS/ADF/JAS Server Configuration for running ADF Applications and UX One (Doc ID [2313855.1](#))
- E1: AIS: AIS server with UX One and Performance (Doc ID [2256374.1](#))
- E1: ADF: Installation of ADF components (TR 9.2) (Doc ID [1990959.1](#))
- E1: AIS: Mobile Enterprise Application (AIS) Server Load Balancing and Cluster (Doc ID [1996565.1](#))

Documentation and Useful Links

Mobile Development

- Deploying Oracle MAF Apps on Windows Platform

<https://blogs.oracle.com/imc/deploying-your-oracle-maf-apps-on-windows-platform>

- Capturing Signatures in MAF Applications

<http://www.ateam-oracle.com/capturing-signatures-in-maf/>

- The Oracle Mobile and Intelligent Bots Blog: Signature Capture Demo

<https://blogs.oracle.com/mobile/signature-capture-demo>

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Attend Our Education Sessions

Date	Time	Session	Title	Presenter	Location
April 22	1:45 PM	106910	E1 Manufacturing and Distribution User Group Meeting	Karen Brigiotta	Lagoon E
April 23	9:45 AM	106920	E1 MDUG Enhancement Meeting	Karen Brigiotta	Lagoon E
April 23	9:45 AM	108860	OBIEE 12c Upgrade Survival Kit	Jeremy Harms Jeff Brown	South Pacific A
April 24	9:45 AM	106890	E1 Manufacturing and Distribution Round Table	Karen Brigiotta	Surf A
April 25	8:30 AM	110120	New Server Manager API and Why This is a Huge Deal	David Ruprecht	Mandalay Bay Ballroom J
April 25	9:45 AM	106440	Peeling the Onion – Subsystems and Interoperability	Sarah Mills Chris Bullock	Mandalay Bay Ballroom A
April 25	1:15 PM	101750	Building an Electronic Signature Pad for JDE Leveraging AIS in Less Than 5 Days	Marcelo Tamassia Kate Rachwal Jerry Salazar	Lagoon D
April 25	2:30 PM	106460	Timecard Automation – It Can Do THAT?	Sarah Mills	Lagoon C
April 25	4:15 PM	108530	Extend AlertAnalyzeAct Beyond JDE: Automating User Navigation/Café One to New JDE Screens	Jeremey Harms Carol Goossen	Lagoon D
April 26	10:45 AM	101720	Running JDE E1 on Amazon Public Cloud (AWS)	Marcelo Tamassia	Lagoon I
April 26	11:00 AM	102460	JDE E1 Tech SIG Round Table System Admin II	Scotti Whitmire	Lagoon E

Visit Us in the Vendor Showcase #240

Upcoming Events

- Running JDE E1 on Amazon Public Cloud
 - Thursday, May 24 at 1:00 pm EST
 - Presented by: Marcelo Tamassia



- Cubeology
 - Free Online Education Courses
 - emeraldcube.com/cubeology



- JDE E1 9.2 Upgrade Workshops
 - May 16 – Dallas, TX
 - September 12 – Atlanta, GA
 - Complimentary to Attend



emeraldcube.com



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info@emeraldcube.com

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A 55,000+ member user community for Oracle Cloud, JD Edwards and PeopleSoft customers.

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Visit Quest International Users Group at Booth #239

- Learn how Quest can help you receive 4x the return on your Oracle ERP investment
- Walk through a customized Quest Activation Plan (QAP) to maximize your product ROI in partnership with Quest
- Find out more about Quest's product-specific events: PeopleSoft RECONNECT and JD Edwards INFOCUS

Real stories. Real people. Real solutions.