
AWS
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HLC305-S

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Unlocking benefits in moving EHR to AWS: A practical approach

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Business Development
AWS

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Market forces are accelerating digital transformation programs

1

The “great resignation” and location liberation have amplified staffing and skills shortages in healthcare IT

2

Financial pressures facing the health system

3

Opportunity for healthcare providers to use cloud technologies

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We work across the healthcare ecosystem

World-class healthcare organizations turn to Kyndryl and its partners for skilled advisory and infrastructure consulting and managed services talent in an increasingly more collaborative and interoperable industry

Our focus

- Cloud transformations
- Mission-critical workload management

















































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Healthcare industry landing zone



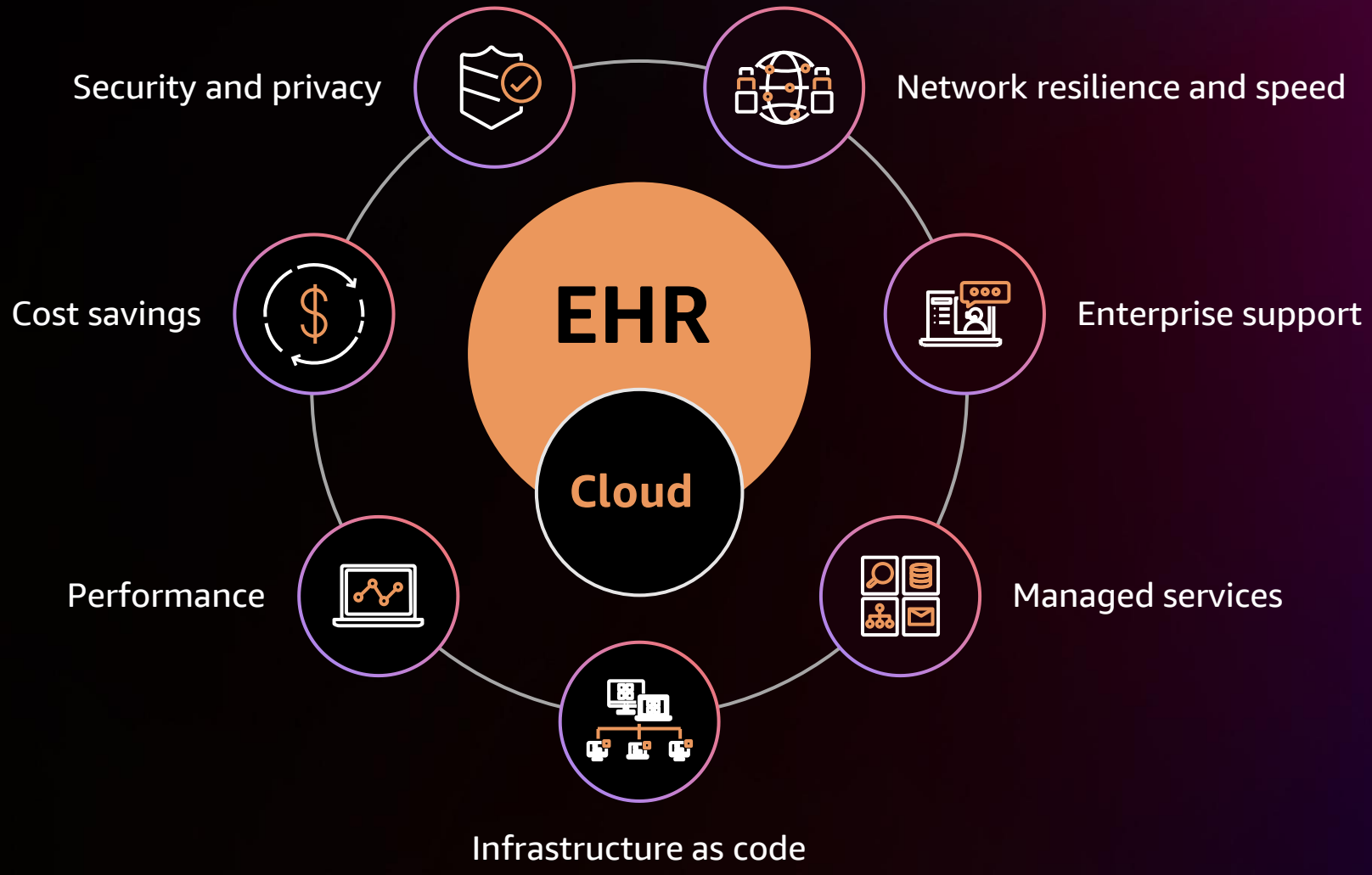
Certified landing zone

Tailored training plan

Cloud workload

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Benefits of EHR in the cloud



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Example of a three-phased approach for EHR on AWS

Phase 1	Phase 2	Phase 3
✓ Training	✓	✓
	✓ Alt prod	✓
		✓ Nonprod ✓ Production

→ Get experience with near-complete EHR environment in the cloud
→ Not patient-care critical
→ No PHI
→ Scheduled usage lends itself to spin up/spin down



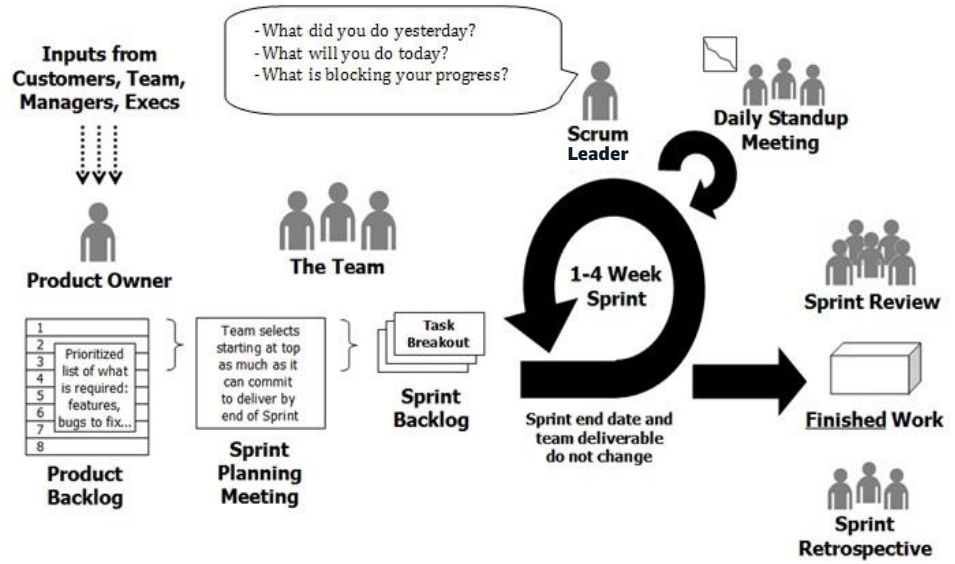
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Framing approach to accelerate

Defining objectives

- Establish goals
- Establish timelines
- Establish target outcomes

Progress approved ideas through agile process



Cloud Center of Excellence (CCoE) in the IT department

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Example: Tufts Medicine

Challenge

- 4 entirely separate organizations
- 6 EHR systems across the hospitals
- Integrated applications (800+)
- 109 patient portals, etc.

Outcomes

- Single EHR and consistent provider workflow
- 42 migrated applications
- Single patient portal
- Continuous innovation

Vision and approach

Frictionless patient care

Optimize operations and infrastructure security

Joyful care provider experience

Cloud Center of Excellence

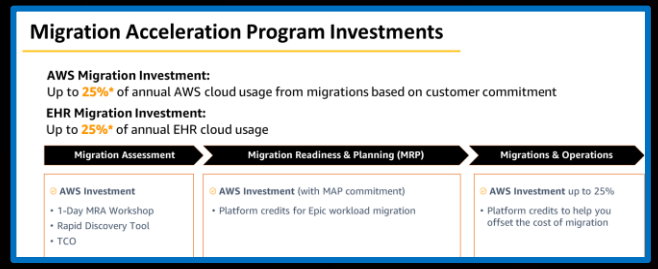
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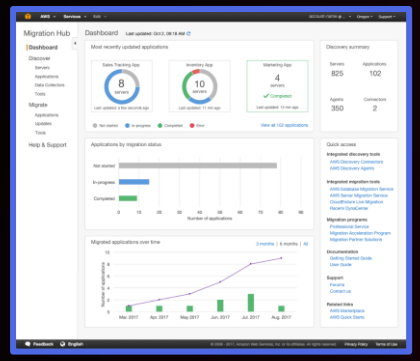
EHR on AWS

MIGRATION AND OPERATION BEST PRACTICE

AWS Investment Programs



Migration Hub

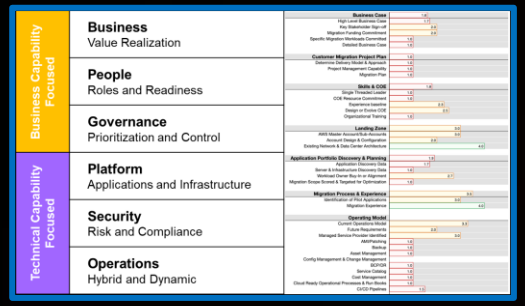


Learning Paths

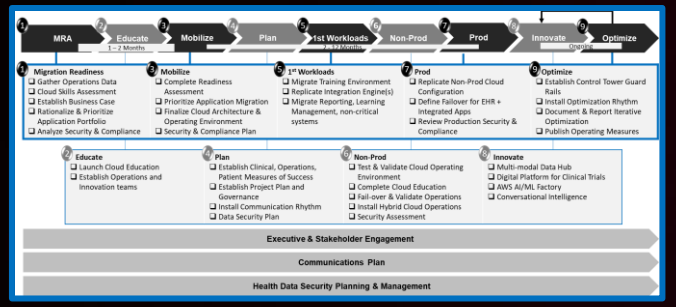
EHR on AWS Training and Certification

- ❑ DBA Training
- ❑ EHR Client Systems Administrator
- ❑ Data Lake and Analytics Training
- ❑ Network Administrator
- ❑ Storage Administrator
- ❑ Active Directory Administrator

Migration Plan



Deployment Guide

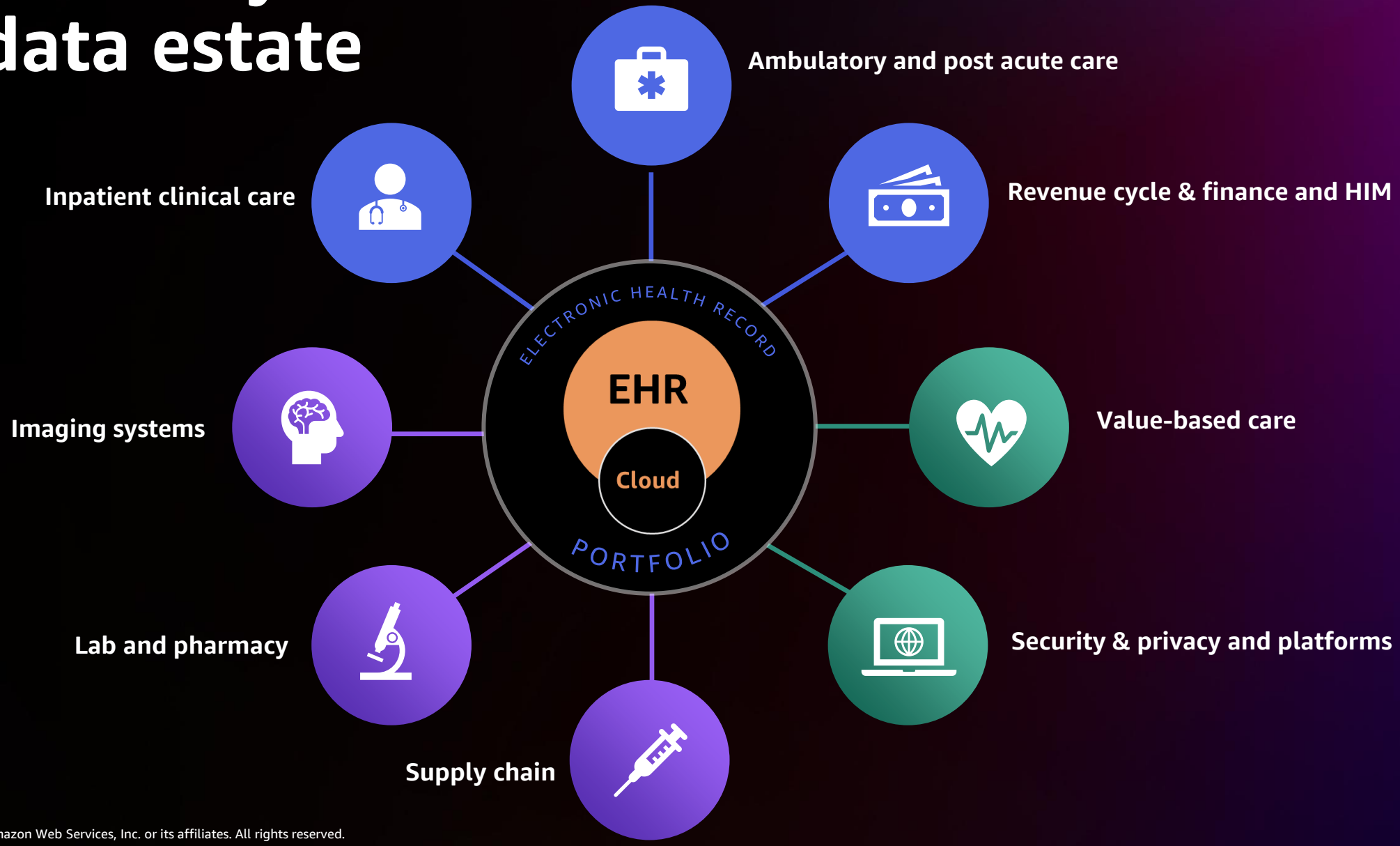


Best practice operations



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Integrated systems and data estate



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Investment in reference architecture and testing

Experience with EHR

Investment in security and compliance support (HIPAA, HITRUST, etc.)

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Join us to continue the discussion and enjoy refreshments

12:45 PM in the Healthcare and Life Sciences Networking Lounge (first floor)

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Thank you!

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Kyndryl: 30+ years of designing, building, and managing mission-critical IT environments for our healthcare clients

Our people

>90,000

Skilled professionals

247,000

Skills badges earned, including:

61,000 in cloud
43,000 in agile
43,000 in analytics
42,000 in AI
38,000 in design thinking

3,000+

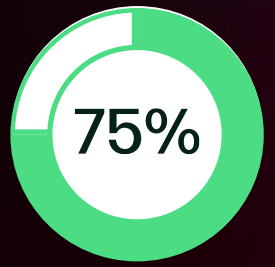
Vendor-recognized AWS certifications, with a target of 10,000+ by EOY 2022

2.9M

Hours of training in first half of 2021

Empowering thousands of customers

4,000 Global customers, including:



of the Fortune 100 and more than half of the Fortune 500

Kyndryl offers a unique vantage point, working with some of the largest firms in a complex healthcare ecosystem. We understand the end-to-end value chain.

- Healthcare providers
- Global medical technology
- Pharmaceutical companies
- Healthcare payers
- Revenue cycle management
- Healthcare IT

Providing undisputed leadership

6.1M mainframe installed MIPS

270K network devices managed

5,200+ WAN devices managed

3.5M LAN ports managed

67K+ VMware systems managed

14K+ SAP instances managed

3.5+ exabytes of customer data backed up annually

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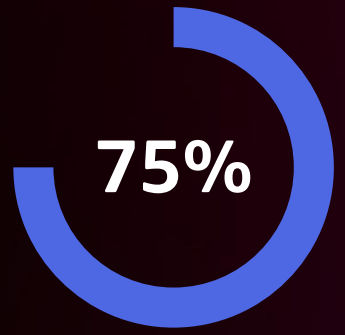
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3. Pharmaceutical companies
4. Healthcare payers
5. Revenue cycle management
6. Healthcare IT

PROVIDING UNDISPUTED LEADERSHIP

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