



Serverless Foundations for Digital Therapeutics

A HIPAA-eligible cloud native platform for connected medical devices and companion applications built on AWS.

With the rise of digital therapeutics, many organizations are looking for scalable, cost-effective and compliant platforms to support their healthcare initiatives. By leveraging AWS cloud native technologies to build a serverless foundation for digital therapeutics, customers benefit from the scalable nature of serverless platforms by keeping infrastructure costs low in development and testing phases, with the ability to automatically scale up resources and capacity as they bring their therapies to market.

Through a collaborative process in identifying how to customize your serverless foundation, Rackspace Technology will work with you to determine the appropriate foundational, cloud native architecture to fit your business needs.

Benefits

Accelerated compliance: Lower your risk of non-compliance through serverless workloads where your HIPAA controls can be centrally managed, extended, automated and enforced, simplifying encryption, audit and integrity requirements.

Low barrier to entry: This cost-effective platform automatically scales through the therapy lifecycle from design and development to validation and maintenance, enabling you to bring your therapies to market with less up-front investment.

Accelerated innovation: Focus on developing your therapy instead of the underlying infrastructure through a flexible foundation that adapts to your R&D requirements rather than being locked into a rigid environment.

Resilience and high availability: Serverless computing architectures are designed for resiliency and high availability. You can benefit from lower investment in operational maintenance while also leveraging automation in the stack down to encryption, backup and disaster recovery. Strengthen your compliance posture while improving RPO (recovery point objective) and RTO (recovery time objective) metrics.

Why Rackspace Technology

Rackspace Technology is an AWS Premier Consulting Partner that helps life science companies adopt and modernize their digital therapeutic offerings. From the management of connected medical devices and companion applications to diagnostics powered by machine learning and supporting customers with their HIPAA, GDPR and GxP eligibility, Rackspace Technology is uniquely positioned to offer AWS expertise across the entire life sciences technology stack. Leverage the Rackspace Technology team of AWS-certified cloud architects, software engineers, data engineers and data scientists to design, build and optimize your solutions.

About Rackspace Technology™

Rackspace Technology is your trusted partner across cloud, applications, security, data and infrastructure.

- A leader in the 2020 Gartner Magic Quadrant for Public Cloud Infrastructure Professional and Managed Services, Worldwide
- 2,500+ cloud professionals
- Hosting provider for more than half of the Fortune 100
- 20+ years of hosting experience
- Customers in 120+ countries
- 2,700+ AWS technical certifications worldwide

Fanatical Experience™

Experts on your side, doing what it takes to get the job done right. From first consultation to daily operations, Rackspace Technology combines the power of always-on service with best-in-class tools and automation to deliver technology when and how you need it.

The Solution

Rackspace Technology specializes in designing and implementing serverless, HIPAA-eligible solutions for customers looking to develop digital therapeutics. With years of compliance and cloud-native development expertise, Rackspace Technology accelerates your time to market and can:

- Help customers understand compliance requirements and how they translate to serverless architectures.
- Implement the appropriate serverless foundation for your digital therapeutic.
- Design and build with best practices around HIPAA-eligible AWS serverless technologies.

Features

Detailed discovery: Rackspace Technology will work with stakeholders on what your business is looking to achieve with digital therapeutics, conducting sessions to gather requirements and determine services required to bring your therapy to market.

Compliance review: Rackspace Technology will work with stakeholders and compliance officers to help define and understand your HIPAA compliance needs as they relate to the foundational architecture as well as how serverless technologies can help them address regulatory requirements.

Architecture, controls and software: Rackspace Technology will deploy and automate the appropriate account structure and controls centered around your compliance needs. In parallel, software backed by a serverless model and delivered through agile methodology with best practices across the application stack, can help accelerate your therapies' time to market.

Details

Project discovery call with stakeholders: Discuss which business objectives you're looking to achieve and what your digital therapy objective is. From there, Rackspace Technology will determine your roadmap.

Compliance call with stakeholders and/or compliance officer: Discuss your compliance operations, considerations and expectations from the solutions compliance offering.

Scoping session: Based on the roadmap, Rackspace Technology will conduct a deep dive review with your technical and business stakeholders to discuss therapy use cases, additional requirements, proposal and delivery milestones.

Ongoing stakeholder engagement: Rackspace Technology builds your solution and continuously demonstrates progress and looks for guidance and validation from compliance, technical and business stakeholders.

Experts Dedicated to Your Success

Rackspace Technology has the breadth of capabilities needed to support customers across the entirety of their AWS journey. From assessment and advisory services to architectural design and build, to integration and onboarding, Rackspace Technology enters each engagement with a focus on helping you determine the right solution for your specific needs with a practical, consultative approach to design and deliver meaningful change.

Comprehensive AWS capabilities

- Premier Consulting Partner
- Audited Managed Service Provider
- Solution Provider
- AWS Reseller
- Well Architected
- Public Sector Partner
- Immersion Day Partner
- ISV Workload Migration
- Data & Analytics Competency
- AI/Machine Learning Competency
- DevOps Competency
- Education Competency
- Financial Services Competency
- Healthcare Competency
- Industrial Software Competency
- IoT Competency
- Microsoft Workloads Competency
- Migration Competency
- Oracle Competency
- Storage Competency
- Amazon EC2 for Microsoft Windows Server
- AWS Database Migration Service
- Amazon RDS
- Amazon Aurora
- Amazon CloudFront
- AWS CloudFormation

Take the Next Step

Schedule an introductory discovery session to uncover the next steps on your AWS journey.

Learn more: www.rackspace.com
Call: 1-800-961-2888