An AWS Environment Worthy of a World-Changing Mission

A Cambridge, MA-based biotechnology firm has an ambitious mission to say the least: ending genetic diseases. But even as the company continued to rack up wins and patents, their breakneck pace came at the expense of keeping their AWS environment secure and optimized. That is, until ConRes entered the picture.

ConRes
IT SOLUTIONS

Business & Technology Challenges

"Born in the cloud" with a small on-prem data center footprint, the company's ability to store and manage large volumes of research data using the AWS cloud was being hindered by several key IT challenges:

Busy in-house staff with limited IT bandwidth

Early-stage AWS best practices

A large quantity of mobile users

Lack of visibility and control across cloud utilization & spending

The need for the organization to better manage the AWS cloud—while keeping pace with their research and development—was of fundamental importance. The company's sky-rocketing volumes of research data and dozens of orphaned, independently managed AWS resources caused the organization to depart from cloud best practices and threatened to hamper the company's agility and growth. Furthermore, with users often logging into the cloud environment from remote networks (airports, hotels and public wireless networks), security became a growing risk factor.

An end-to-end solution was in order, one that combined the latest AWS best practices with deep knowledge of on-prem infrastructure.

How ConRes Responded

Backed by 55+ years of data center experience—as well as best-of-breed cloud expertise—ConRes brought the organization's cloud environment up to best practice in no time—and then some. Whether by securing mobile access points, deploying an elastic security posture, consolidating orphaned resources or freeing up their in-house staff to focus solely on their world-changing research initiatives, we were able to not only create a more secure, optimized cloud environment for the biotech giant, but to also help them realize massive cost savings.

Here's what we did to help make it happen:

Laid out AWS network infrastructure for organization's DR & secondary site

Upgraded overall security policies

Fixed non-secure access points to the cloud

Consolidated cloud resources and reduced spend

By taking full advantage of our cloud-based expertise, the biotech's environment now runs with greater agility, heightened security and better scale. And with ConRes providing managed services both on-premises and in the cloud, the organization's IT team has gained an invaluable force multiplier that allows them to focus on research more efficiently than ever. The innovation-driving organization and their team are better-positioned to pursue their world-changing mission of finding cures for genetic diseases that once—not long ago—seemed unsolvable.

About ConRes

As a private, women-owned IT solutions provider, we are uniquely positioned to help companies design, procure, implement and support custom solutions. Backed by over 55 years of customer dedication, our approach is simple: We have great people who are highly skilled at what they do and find ways to help our customers achieve business goals.

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