

California university gets a valuable lesson in cloud migration



AT A GLANCE

Fresno State University, a part of the 23-campus California State University system, had started its cloud migration and found it needed a better understanding of the dependencies in their IT environment. The university’s IT staff wanted a tool to better map the current system topology. The university’s cloud migration partner recommended Flexera’s CloudScape/RAMP solution, which gave them the insight they needed to prioritize their migration.



The challenge

University needed the insight to prepare for cloud migration

Fresno State University had started their cloud migration journey when they realized they needed a better understanding of the dependencies between the various applications and systems in their IT environment. The university needed a powerful tool to map those dependencies and the current system topology.

The university’s cloud migration partner drove the selection process. As part of the consulting engagement, the partner strongly recommended the university use Flexera’s RAMP, a tool designed to give a taste of the full capabilities of other solutions. The partner also offered it as part of the migration service, which included migrating several applications that require the Windows Server operating systems to Amazon Web Services (AWS).

“The Flexera tools...took the guessing out of the equation. It enabled us to work with our migration partner to prioritize the applications and to correctly size and secure the applications in the cloud.”

John Wagenleitner

Technical architect/developer,
California State University, Fresno



The solution

Get a complete view of their IT and compare instance costs

The Flexera solution CloudScope supplied the university with a holistic view of their environment, including ports, protocols and dependencies between various systems. CloudScope allowed the university to group various components of their systems in a way that gave them both summary and detailed metrics about CPU, memory, disk and network—not just for the individual components but for the entire system.

The university used the solution to guide the mapping of the current infrastructure and help plan their future state. With the CloudScope IaaS Cloud Pricing, they were able to compare the cost of using various instance types for their chosen cloud provider.



Build a view of your future estate with cloud cost visualization. (Image shows generic sample data)



The results

Making data-driven decisions about cloud migration

With CloudScape, the university was able to see suggested instance sizing, estimated costs and storage requirements, as well as ports and protocol dependencies between systems.

“The Flexera tools enabled us to make data-driven decisions about how to map our current systems to the cloud,” said John Wagenleitner, technical architect/developer at California State University, Fresno. “It took the guessing out of the equation. It enabled us to work with our migration partner to prioritize the applications and to correctly size and secure the applications in the cloud.”

Visit www.csufresno.edu for more information about Fresno State University.

“Our current estimate is that it will reduce the total number of consulting hours by 30 to 80 hours during a Mobilize engagement, resulting in a savings of \$11,000 to \$30,000 in customer savings.”

Rodney Grilli

AWS Application Migration & Modernization,
Global Specialty Practice

Find out how Flexera
can help you on your
cloud journey

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