Serverless Computing Takes the Cloud to the Next Level

Why Serverless is the Next Big Thing

Why You Need to Know about Serverless Computing

Serverless Computing: The Cloud's Silver Lining

Just when you think you understand technology, it changes. Such is the case with the cloud. Most everyone has heard about the cloud and cloud technologies. You are probably using them in your organization. But now there's a new cloud technology and it's taking the cloud to the next level.

Cloud technologies have been helping companies save money and time by offloading data storage and computing to cloud providers. Because these providers basically manage a large data center and IT workforce, they can provide scalability, disaster recovery, security, and maintenance without any increase in capital expenditures for their users.

As cloud technologies have evolved, so have its capabilities. One of the newest and most promising is what is called serverless computing. In spite of the name, there are still servers, it's just that running your app in the cloud is no longer server-focused.

Cloud Services vs. Serverless Computing

With standard cloud services, you might pay by rows in the database, the number of users, or even processing power. When you need more, you will likely scale up in increments to match your potential total peak demand. For example, if you need more RAM, you might increment from 4GB to 8GM.

Serverless computing gives you precisely what you need to use in that moment. If your app runs a function that causes it to require 5.17GB of ram, that is exactly what will be allocated in order to complete the function. The same goes for storage and performance. It's a true and exact demand and supply platform.

To take advantage of serverless computing, applications are most often developed to run as microservices. Microservices break down the functions of an application to be run in "containers" in order to optimize resource utilization. Applications that do this are known as cloud-native applications.

Better for Your Users and Your Bottom-line

Cloud-native applications that run on serverless computing are as efficient as they get. No paying to scale up because you had a spike in usage. No maintaining power, worrying about security, maintenance and updates, or backups. When your applications aren't running, there's no cost to you. When it is, you are paying down to the GB-second of processing power or as cheap as twenty cents per million requests.

Your users will be happier too. Because the application doesn't live on a specific server, it can be called and run from whichever data center is closest to the user. This can significantly reduce response times, especially when users are located around the world.

Serverless computing has become the cloud's silver lining and applications that user serverless computing are more cost effective and efficient. Qrvey is already leading the way as the only cloud-native business intelligence and analytics solution that uses serverless computing.