

Role of APIs In Cloud Computing

By Naveen PS



Role of APIs in Cloud Computing

The Application Programming Interface (API) is one of the main elements of cloud services. These elements are highly efficient for project management, storage and other similar cloud needs. The future successes of the cloud will be the people or companies who direct an efficient API strategy. In short, APIs are kind of like oxygen for cloud services; without correct APIs the cloud will not work as it is supposed to. Another great analogy is to say that APIs are like the glue of cloud computing. This is why it is important to choose a cloud service with an efficient API strategy or you may end up with the cloud service that cannot be glued (or integrated) with other systems.

As you can imagine, APIs play many important roles in cloud computing. APIs make the platform extensible which can lead to a rich feature set. They also speed up the platform access and direct a more efficient management of platform security. They also help co-opt with other service providers. APIs ensure compliance and help with successful integration and interoperability. They make handling analytics an easy task.

A successful cloud provider knows better than to overlook the importance of APIs, this mistake can bring large companies down. Even huge, well-established companies like Google can make this mistake. When the company launched Google Latitude and Google Buzz, the tech world was all abuzz about these exciting new services. But when Google failed to release the APIs for the services, developers lost interest and the services never came close to garnering the popularity and usage that had been projected. The lesson- even if you are the largest internet company in the world, if you hold back the APIs for your platform release, you will pay the price with a lackluster performance. Perhaps the most important aspect of successful APIs is that they ensure data portability and interoperability.

THE END

