

### 3 benefits you can get from running SAP on AWS

It's been a while since the trend of migrating to the cloud started. Now companies of all sizes are leveraging the cloud potential into their businesses. What's the main benefit? Greater flexibility, scalability, and even cost efficiency. But that's not all. The technological advancements that we experienced in the past decade allowed the integration of different tools and platforms with the cloud, with even more significant benefits. And that's what happened with SAP as well. The partnership between SAP and AWS started in 2011, and since then, many new updates and features became available for companies around the world. However, for those who are still considering running SAP on AWS, one question is left with no answer: *What are the main benefits of doing that?* Below you can find three benefits that will make you start your SAP on AWS project right away.

#### Increased Business Performance

Any organization has as a primary goal to be efficient and to perform better and better. For this specific goal, AWS has developed a variety of instances optimized for several workloads needs. For example, EC2 (Amazon Elastic Compute Cloud) instances have specifically built processors to meet strict performance policies and requirements for in-memory databases like [SAP HANA](#) and other significant workloads.

On the other hand, the long term partnership between the service providers determined SAP to build the next generation technologies for modern businesses, with seamless integration and better performance. Moreover, SAP has certified different instances to allow companies to run SAP applications on AWS environments without effort and with great results (Business Warehouse on HANA, Business Suite on HANA, data mart solutions of HANA).

Shortly said, the implementation of SAP on AWS will let businesses' workloads perform much better than the on-premise environments or other in-house application servers.

### **Better Scalability**

The cloud environments offer companies the advantage of avoiding time-consuming infrastructure purchases or deployments. Once implemented a piece of software in the cloud such as an SAP application, businesses can scale up and down their compute power, storage, and even network infrastructure to suit the changing needs they might have over time. The stress and the frustration determined by the lack of resources is long gone.

Thanks to the fact that AWS has a wide range of storage and compute services certified for SAP applications and SAP HANA workloads, organizations can move their projects to AWS while still using the existing SAP licenses. Moreover, any user can get the same level of support from SAP for both cloud-based projects and on-premise deployments if needed.

Having the opportunity to change the resources level on time is extremely critical for some industries. For example, if a retail company deploys SAP on AWS to be able to provide a seamless experience to their customers, it should be able to provide this experience continuously. But as the number of products increases and the amount of data collected surpasses the expectations, the company would eventually need to upgrade its system. And thanks to the fact that SAP is running in a cloud environment, the resources fluctuation will not affect the performance of the applications.

### **Security at its best**

Security is also a focal point for businesses of all sizes. The fear of deploying a platform that is not fully secured determine lots of business owners postpone

their transformative initiatives. But as the cloud evolved, security policies have also got better and better.

When implementing SAP applications in AWS environments, all the AWS Well Architected Framework pillars are taken into account, including the security one. The security controls offered by AWS offer businesses the possibility to monitor their projects continuously, validate, and test the automated systems for potential threats.

Moreover, for each SAP application deployed in AWS, businesses can use different security layers, according to their needs. Some examples of AWS security layers that are used for SAP projects are AWS Direct Connect, AWS Identity, and Access Management or AWS GovCloud.

### **Final Thoughts**

When considering running SAP applications on AWS, executive teams use to analyze all the details about these two sophisticated technologies. The benefits offered by each of them are tremendous, but combined things get even better. The three aspects discussed above are only the tip of the iceberg when it comes to the long term ROI of running SAP on AWS. Your team can experience many more.

Are you considering running SAP on AWS? Let us handle the technical part while you focus on your business development.

[Get in touch](#) for more details!