itelligence
NTT DATA Business Solutions

SAP on Cloud

Infrastructure as a Service: Thinking Big and Making Flexible Adjustments Anytime

> **"** The cloud is about HOW you compute, not WHERE you compute.
>
> Paul Maritz, former CEO of VMware

Companies must be flexible in how they react to ever-shorter technology cycles. The increasing requirements of SAP for databases are one example of this. In order to keep up in the HANA environment, companies must handle shorter release cycles (every two to three years) and ever-increasing performance requirements. This puts a strain on IT budgets and is now causing many companies to question their SAP operating model. Is there a possible addition or alternative to conventional hosting and regularly exchanging obsolete hardware? Why not add a public cloud? With this option, companies are equipped to handle upcoming technologies and avoid capital expenses in less flexible hardware capacities.

Executing SAP applications on a cloud computing platform can be more agile, less expensive, and more secure than in an on-premises landscape.

Amazon Web Services (AWS), Microsoft Azure, Google Cloud Platform, and other hyper-scalers provide flexible resources that meet the performance requirements for in-memory databases such as SAP HANA. Resources are provided promptly when needed, as compared to the limitations of a local infrastructure. Public cloud platforms can help to achieve maximum performance, throughput, and redundancy.

Six Facts about Public Cloud Providers

SAP on Cloud

1. **Regions and availability zones:** Public cloud providers enable high availability of the most sophisticated enterprise-critical applications and data. Customers can select resources close to where they consume the service or maintain their data. This helps to ensure compliance with General Data Protection Regulation (GDPR) and convenient response times.

2. **Agility:** Companies can acquire extremely flexible infrastructure components at a calculable price and realize connected modern architectures with data lakes and IoT in order to evolve the business.

3. **Fewer costs, fewer expenses:** With combined attractively-priced reserved instances and flexible pay-per-use consumption, customers pay for only those resources that they actually need for optimized operational expenses.

4. **Hybrid operating models:** Companies are flexible when it comes to selecting the cloud services that are best suited to their needs. By using various platforms, they support individual requirements while avoiding to become dependent on one provider.

5. **Security:** By providing integrated services, public cloud platforms increase the level of security of the cloud workloads: Single sign-on, secrets manager, Identity and Access Management, directory services, etc.

6. **Global access:** When needed, the data is replicated and made available in data centers closest to the user to serve business needs. Defined Service Level ensure reliable accessibility at reasonable response time and costs.

Why Use SAP on Cloud with itelligence?

As a trusted advisor, we are your competent partner for your SAP workloads. Our technology consultants will analyze your on-premise landscape and plan your individual path to a suitable hybrid or public cloud scenario together with you. Experienced technology architects and project managers will accompany you throughout your transition: We will transfer your SAP system landscape to the right mix of cloud infrastructures. Your requirements determine the selection of your cloud provider. We work together with Amazon Web Services (AWS) and Microsoft Azure, as our Global Strategic Partners for which we provide licensing and support services to you as well. And as a Managed Services Provider, we will also assist you in your operations with monitoring, alerting, backup, security and capacity management.

itelligence is the SAP Service Provider for SAP Products in the Cloud.

aws

Amazon Web Services Partner since 2017

Microsoft

Microsoft Azure Gold Cloud Platform Partner since 2019

Contact us today to learn more about our solutions and services:

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