



SECURITY SPOTLIGHT



SAP Business One Cloud is a certified solution that is powered by Amazon Web Services (AWS), the leading global cloud provider. One of the biggest advantages to of deploying SAP Business One in the AWS Cloud is security. Using SAP Business One Cloud relieves your business of the complexity of protecting your data in a physical server or storage device.

The AWS cloud infrastructure has been built to be one of the most flexible and secure cloud computing environments available today. It provides a highly scalable and reliable platform for customers to deploy SAP Business One quickly and securely.

How does AWS help me protect my data?

Security is built into every layer of the AWS infrastructure to ensure your SAP Business One data is safe and secure. **Amazon Elastic Computer Cloud (Amazon EC2) Security** is a key part of Amazon's Infrastructure as a Service (IaaS), providing resizable computing capacity using server instances in AWS's cloud environment – so it can grow with your company. Here is an overview of what security features AWS offers:



NETWORK SECURITY

There are several network security options available to help keep your SAP Business One Cloud resources and communications as private as you want them. You control how accessible your Amazon EC2 instances are by configuring built-in firewall rules, end-to-end encrypted transmission, customer access points, private subnets, dedicated connection option and advanced cipher suites.



BACKUP & REPLICATION

Regular SAP Business One Data backups and snapshots are an essential component of your security strategy with AWS. You can choose to run these backups and configure snapshots automatically or manually using a variety of backup options, including EBS data backups, protection from accidental deletion, continuous archiving for long-term storage and secure backups for your on-premise data.



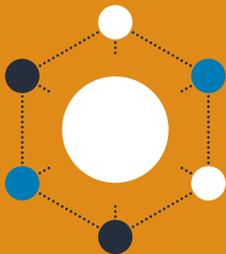
ACCESS CONTROL

AWS only allows authorized users to access your SAP Business One resources by setting up access control policies, individual user accounts, and unique credentials. To help protect your resources from unauthorized access, AWS requires API request authentication and built-in support for multi-factor authentication.



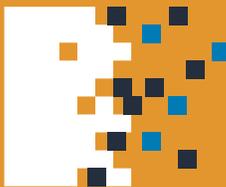
MONITORING & LOGGING

Running SAP Business One Cloud gives you instant visibility into your inventory as well as your user and application activity. AWS gives you the tools to keep track and monitor your AWS cloud resources, including asset identification and configuration, security logs, resource and application monitoring, and automated identification of security gaps.



ISOLATED GOVERNMENT REGION

AWS offers an entirely separate region called [AWS GovCloud \(US\)](#) for customers who require additional measures in order to comply with US ITAR regulations. The GovCloud region is physically isolated and has logical network isolation from all other AWS regions.



DATA ENCRYPTION

AWS uses data encryption wherever possible, and enables customers to use it as well. To meet security regulations, AWS provides encrypted data storage, centralized key management, and dedicated, hardware-based crypto key storage.

Security Advantages of SAP Business One Cloud

With SAP Business One in the AWS Cloud, your applications and data are protected by the most secured facilities and infrastructure as well as its extensive network and security monitoring systems. AWS Cloud Compliance enables SAP Business One users to understand the robust controls in place at AWS to maintain security and data protection in the cloud. As you build SAP Business One on top of AWS infrastructure, compliance responsibilities will be shared, so you can operate in an AWS security -controlled environment.

Here are some other security advantages to consider:

- Instant visibility into your inventory
- Free security tools
- Security economies of scale
- Independent regions provide data compliance
- Significant DDoS protection
- No more duplicate data centers for disaster recovery
- Continuous hardware replacement and upgrade
- Part of your compliance work is taken care of by AWS

For the complete list of all the security measures built into the core AWS cloud infrastructure, platforms, and services, please read the [AWS Security Overview Whitepaper](#).

Partnering with Vision33 and AWS

Vision33 holds the AWS SAP Competency, which is designed for AWS Partners that help SAP customers implement, migrate, and manage SAP applications on the AWS Cloud. As the only SAP Business One partner worldwide that holds the AWS SAP Competency, Vision33 has the expertise and team to help you - whether you are evaluating deployment options for SAP Business One or want to migrate SAP Business One from on-premise to the cloud. For more information on the advantages of moving to the cloud, go to www.vision33.com/products/sap-business-one/cloud.

Contact Vision33 at contact@vision33.com for more information about SAP Business One Cloud powered by Amazon Web Services.

