

SAP Information Sheet | PUBLIC
SAP Trust Center

SAP and Hyperscalers: Clarifying Security in the Cloud

THE BEST RUN



Summary

SAP has relationships with hyperscaler data center providers that can quickly deploy and scale SAP® software in the cloud. If your organization is considering running software-as-a-service solutions offered by SAP in a public cloud, it's important to understand who is responsible for what regarding security. Essentially, responsibility is shared among SAP, the hyperscaler, and your organization.

Objectives

- Uphold security and compliance requirements
- Reduce implementation and maintenance costs
- Speed project deployment
- Achieve better resiliency and redundancy

Solution

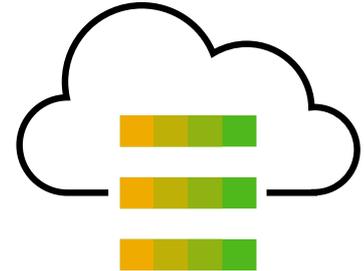
- Role of SAP and the customer in maintaining responsibility for the security of customer data, user and role administration, and the implementation of business processes
- Responsibility of SAP for the application, database management, operating system management, and orchestration and account configuration
- Responsibility of hyperscaler for the administration platform, API management, hardware (including setup), and data center facility

Benefits

- Great scalability
- Rapid deployment
- Cost-effective implementation
- More choices for data centers

Learn more

For more information, contact your SAP representative or visit us [online](#).

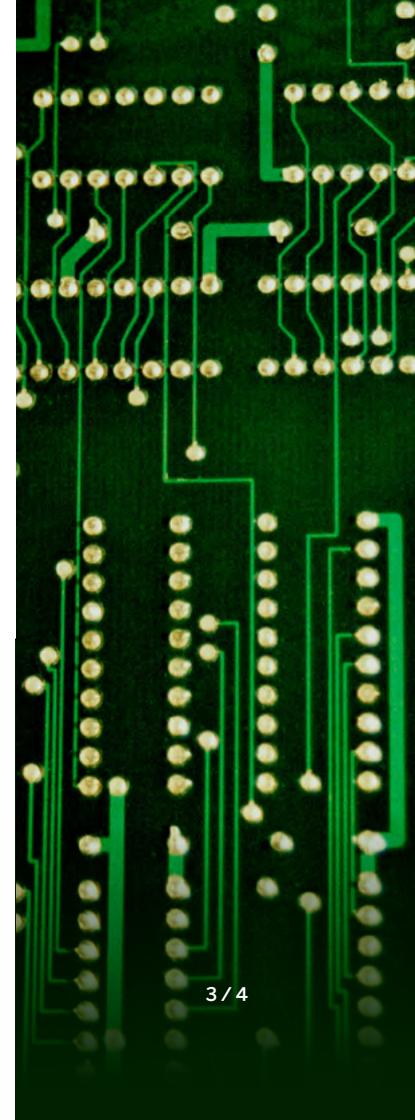


To help companies accelerate their journey to the cloud when deploying SAP® software, SAP maintains relationships with several [hyperscalers](#). Hyperscalers are public cloud service providers that offer infrastructure as a service to host a deployment.

By hosting your software with a hyperscaler, your organization can experience all of the benefits typically associated with cloud deployments. What may not be as clear is who is responsible for the security of your data. For software-as-a-service (SaaS) offerings from SAP running in a public cloud, your organization shares responsibility with SAP and the hyperscaler. (See the [table](#) on the next page.)

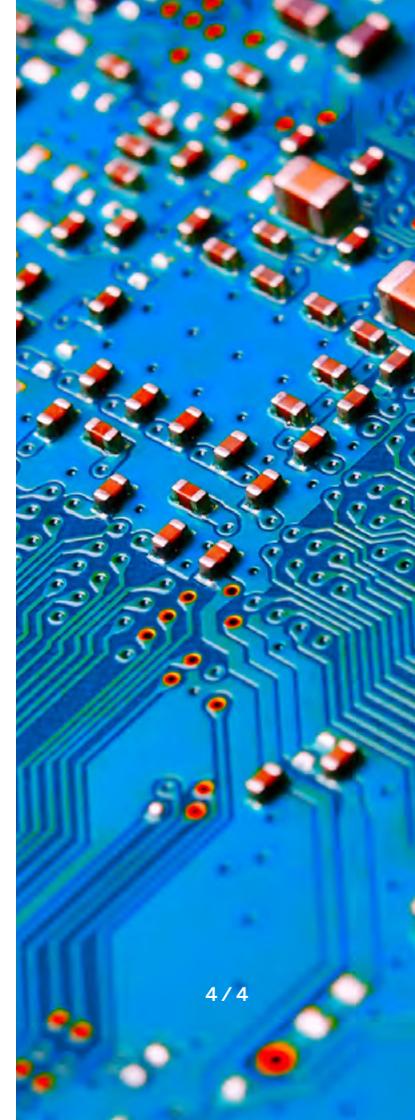
When you work with a hyperscaler in migrating current on-premise software installations to the cloud, the responsibility changes. This becomes a bring-your-own license implementation model. In this case, your company works directly with the hyperscaler and shares responsibilities for all aspects of security, with SAP acting only as the software provider.

Deciding where to host cloud software requires a detailed analysis of your business needs, security and compliance requirements, and the jurisdiction in which your business operates. To consider your options further, learn more about SAP's relationships with the following hyperscalers: [Microsoft Azure](#), [Amazon Web Services](#), [Google Cloud Platform](#), and [Alibaba Cloud](#).



Shared Responsibilities for the Security of SaaS Offerings from SAP

Hyperscaler	SAP	Customer
<ul style="list-style-type: none">• Data center security, including background of personnel who operate the data center• Hardware that provides the computing• Network availability	<ul style="list-style-type: none">• Implementation of a resilient architecture• Backup and restoration of the instance• Configuration of the virtual machines used to host a solution• Securing the infrastructure, operating systems, and/or container images, networking, and applications• Operational and security monitoring• Managing security incidents• Operating cloud resources• Providing patches and solution support	<ul style="list-style-type: none">• Configuration of the business processes• Managing instance-specific settings and configurations• User and role administration• Using the underlying hyperscaler tools and network



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