

IBM Security for the Cloud – BYOL Solutions

Highlights

- Innovate in the cloud while leveraging existing on-premises investments
- Improve visibility and insights of workloads running on cloud environments
- Speed the detection and response to threats on-premise and across clouds
- Extend cloud provider native security capabilities with BYOL solutions

End-to-End Security for Multi-Cloud and Enterprise Applications and Data

In today's competitive landscape, cloud transformation is essential for separating the leaders from the laggards. By 2020, **90 percent** of enterprises will be in a hybrid cloud environment.

As cloud adoption accelerates, organizations must extend security to multi- and hybrid-cloud environments. While these cloud providers may offer basic security features, security teams may still lack the baseline capabilities for visibility, data protection, and access control needed to protect these cloud environments. Additionally, maintaining and demonstrating compliance for cloud environments can be extremely difficult.

IBM Security for the Cloud BYOL Solutions

IBM Security for the Cloud Bring Your Own License (BYOL) solutions enable IBM customers to improve cloud security by leveraging their existing on-premises licenses via Infrastructure-as-a-Service (IaaS) virtual deployments in cloud environments.

IBM Security's BYOL solutions include IBM QRadar, Security Information and Event Management (SIEM), IBM Guardium Data Protection, and IBM Security Access Management. These BYOL solutions protect workloads running on Amazon Web Services (AWS), Microsoft Azure and IBM Cloud, and provide layered security controls by integrating the cloud providers' native security capabilities with these BYOL solutions.

Security teams can bring multiple silos of data together for improved compliance, visibility and insight into endpoints, users, networks, multi-cloud, and on-premises environments to better detect and respond to threats regardless of where they occur. Customers using BYOL solutions armed with IBM Cloud Security Services can ensure cloud transformation and strategic cloud initiatives have the right balance of security controls.

Visibility and Intelligence for Cloud with IBM QRadar

Organizations can extend visibility into cloud solutions and platforms with IBM QRadar Security Information and Event Management (SIEM). QRadar's robust set of cloud connectors enable organizations collect, normalize and analyze events for security monitoring and threat detection. QRadar can be deployed on cloud platforms using a Bring Your Own License (BYOL) model. This enables QRadar customers to bring their existing licenses to the cloud and extend their QRadar deployments to a single cloud or multiple cloud environments to provide security for a hybrid infrastructure.

Security teams can leverage their cloud provider's native services and their traditional on-premises investments with IBM QRadar integrations allowing organizations to migrate workloads, scale and innovate in the cloud while improving visibility and security for cloud environments.

Data Protection for the Cloud with IBM Guardium Data Protection

Organizations can safeguard data across multiple clouds with capabilities to discover, classify, monitor and protect it with IBM Guardium Multi-Cloud Data Protection. The Guardium Data Protection portfolio also supports hybrid and VMware-based deployments, providing integrated protection across on-prem, cloud, structured, and unstructured data.

IBM Security Guardium can be deployed as Infrastructure-as-a-Service (IaaS) on multiple cloud platforms using a Bring Your Own License (BYOL) and paid models. In this way, Guardium customers may apply their Guardium Data Protection for Databases, Guardium Data Protection for Files, Guardium Data Protection for Big Data, Guardium Data Protection for Data Warehouses, and Guardium Vulnerability Assessment licenses to the clouds to deploy from there. Drawing upon these capabilities, IBM Security Guardium Multi-Cloud Data Protection can help smooth your move to cloud-enabled and cloud-based IT infrastructures.

Identity and Access for the Cloud with IBM ISAM

IBM Security Access Manager (ISAM) helps security teams simplify users' access while more securely adopting cloud technologies. ISAM provides risk-based access, single sign-on, integrated access management control, identity federation and mobile multi-factor authentication.

IBM Security Access Manager customers can deploy ISAM as Infrastructure-as-a-Service on AWS using a Bring Your Own License (BYOL) model. In this way, ISAM customers can continue to leverage their on premises investments by applying their ISAM licenses to the AWS cloud to deploy from there. The ISAM IaaS offering on AWS contains the infrastructure to increase user productivity with single sign-on from any device, and enables greater IT efficiency by extending existing infrastructure.

Network Security for Cloud with IBM Services

Protect data and workloads from network threats with a core set of network segmentation and network security services. To help you implement a network security solution, IBM specialists provide unbiased guidance and deep knowledge in physical security, network isolation and protection, and secure connectivity. They use a 360-degree approach that includes strategy, assessment, planning, design, implementation and management.

IBM Managed Cloud Network Security services help secure even far-flung or disparate information assets around the clock, often at a fraction of the cost of in-house security resources, while additional services help protect workloads from network threats.

Adopt a Secure Path to the Cloud with IBM X-Force Cloud Security Services

Organizations can migrate to, build, and manage a secure hybrid environment using a programmatic approach with IBM X-Force Cloud Security Services. IBM's security professionals, with a unique combination of security technology and cloud solution expertise, can help organizations define their cloud transformation strategy and adoption roadmap, ensuring they have the right balance of security controls aligned with their business needs.

Using integrated security technologies armed with patented analytics through a global network of command centers, IBM's security professionals deliver a centralized solution of core security controls across multi-cloud and on-premise environments.

Why IBM?

IBM Security offers one of the most advanced and integrated portfolios of enterprise security products and services. The portfolio, supported by world renowned X-Force research and development, provides security intelligence to help organizations holistically protect their people, infrastructures, data and applications, offering solutions for identity and access management, database security, application development, risk management, endpoint management, network security and more. These solutions enable organizations to effectively manage risk and implement integrated security for mobile, cloud, social media and other enterprise business architectures. IBM operates one of the world's broadest security research, development and delivery organizations, monitoring greater than 60 billion security events per day in more than 130 countries, and holds more than 3,700 security patents.

Next steps

→ [Visit IBM Security for the Cloud Landing Page](#)

For more information

Visit the AWS and Azure Marketplaces to deploy these solutions now.

<https://aws.amazon.com/marketplace>

<https://azuremarketplace.microsoft.com/en-us/marketplace/>

© Copyright IBM Corporation 2019.

IBM, the IBM logo, and ibm.com are trademarks of International Business Machines Corp., registered in many jurisdictions worldwide. Other product and service names might be trademarks of IBM or other companies. A current list of IBM trademarks is available on the Web at <https://www.ibm.com/legal/us/en/copytrade.shtml>, and select third party trademarks that might be referenced in this document is available at https://www.ibm.com/legal/us/en/copytrade.shtml#section_4.

This document contains information pertaining to the following IBM products which are trademarks and/or registered trademarks of IBM Corporation:



All statements regarding IBM's future direction and intent are subject to change or withdrawal without notice, and represent goals and objectives only.