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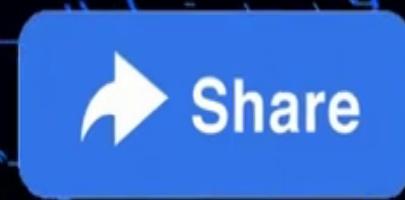
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erstanding all the key terms when it comes to International Standards, data policies.

ing choices pertains to the following?

"that defines international standards across all industries"

GDPR

ISO

NIST

Azure Government



ISO/IEC 27001:2013 Information Security Management Standards

Article • 01/26/2023 • 7 minutes to read • 7 contributors

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[ISO/IEC 27001 overview](#)[Microsoft and ISO/IEC 27001](#)[Microsoft in-scope cloud platforms & services](#)[Azure, Dynamics 365, and ISO 27001](#)[Show more ▾](#)

ISO/IEC 27001 overview

The International Organization for Standardization (ISO) is an independent nongovernmental organization and the [world's largest developer of voluntary international standards](#). The International Electrotechnical Commission (IEC) is the world's leading organization for the preparation and publication of international standards for electrical, electronic, and related technologies.

Published under the joint ISO/IEC subcommittee, the ISO/IEC 27000 family of standards outlines hundreds of controls and control mechanisms to help organizations of all types and sizes keep information assets secure. These global standards provide a framework for policies and procedures that include all legal, physical, and technical controls involved in an organization's information risk management processes.

ISO/IEC 27001 is a security standard that formally specifies an Information Security Management System (ISMS) that is intended to bring information security under explicit management control. As a formal specification, it mandates requirements that define how to implement, monitor, maintain, and continually improve the ISMS. It also prescribes a set of best practices that include documentation requirements, divisions of responsibility, availability, access control, security, auditing, and corrective and preventive measures. Certification to ISO/IEC 27001 helps organizations comply with numerous

Q186: You are working on understanding all the key terms when it comes to International Standards, data privacy and data protection policies.

Which of the following choices pertains to the following?

"An organization that defines international standards across all industries"

GDPR

ISO

NIST

Azure Government

Q187: You are working on understanding all the key terms when it comes to International Standards, data privacy and data protection policies.

Which of the following pertains to the following?

"An organization that defines standards used by the United States government"

GDPR

ISO

NIST

Azure Government



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- NIST 800-161
- NIST 800-171
- NIST 800-53
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- NIST CSF**

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National Institute of Standards and Technology (NIST) Cybersecurity Framework (CSF)

Article • 01/26/2023 • 6 minutes to read • 4 contributors

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NIST CSF overview

The National Institute of Standards and Technology (NIST) promotes and maintains measurement standards and guidance [to help organizations assess risk](#). In response to Executive Order 13636 on strengthening the cybersecurity of federal networks and critical infrastructure, NIST released the Framework for Improving Critical Infrastructure Cybersecurity (FICIC) in February 2014.

The main priorities of the FICIC were to establish a set of standards and practices to help organizations manage cybersecurity risk, while enabling business efficiency. The NIST Framework addresses cybersecurity risk without imposing additional regulatory requirements for both government and private sector organizations.

The FICIC references globally recognized standards including NIST SP 800-53 found in Appendix A of the NIST's [Framework for Improving Critical Infrastructure Cybersecurity](#). Each control within the FICIC framework is mapped to corresponding NIST 800-53 controls within the FedRAMP Moderate Baseline.



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Q188: You are working on understanding all the key terms when it comes to International Standards, data privacy and data protection policies.

Which of the following pertains to the following?

"A European policy that regulates data privacy and data protection"

GDPR

ISO

NIST

Azure Government

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Learn / General Data Protection Regulation (GDPR) / Data subject requests /



Azure Data Subject Requests for the GDPR and CCPA

Article • 02/11/2023 • 20 minutes to read • 3 contributors

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Introduction to Data Subject Requests (DSRs)

The European Union [General Data Protection Regulation \(GDPR\)](#) gives rights to people (known in the regulation as *data subjects*) to manage the personal data that has been collected by an employer or other type of agency or organization (known as the *data controller* or just *controller*). Personal data is defined very broadly under the GDPR as any data that relates to an identified or identifiable natural person. The GDPR gives data subjects specific rights to their personal data; these rights include obtaining copies of personal data, requesting corrections to it, restricting the processing of it, deleting it, or receiving it in an electronic format so it can be moved to another controller. A formal request by a data subject to a controller to take an action on their personal data is called a *Data Subject Request* or DSR.

Similarly, the California Consumer Privacy Act (CCPA), provides privacy rights and obligations to California consumers, including rights similar to GDPR's Data Subject Rights, such as the right to delete, access and receive (portability) their personal information. The CCPA also provides for certain disclosures, protections against discrimination when exercising rights, and "opt-out/ opt-in" requirements for certain data transfers classified as "sales". Sales are broadly defined to include the sharing of data for a valuable consideration. For more information about the CCPA, see the [California](#)

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Rules for business and organisations

Application of the GDPR obligations, individuals' requests, enforcement



Rights for citizens

Protection of your personal data, your rights and redress

About the regulation and data protection

[What does the General Data Protection Regulation \(GDPR\) govern?](#)

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[What constitutes data processing?](#)

[What are Data Protection Authorities \(DPAs\)?](#)



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Q189:**Statement****Yes****No**

a) A platform as a service (PaaS) solution that hosts web apps in Azure provides full control of the operating systems that host applications.



b) A platform as a service (PaaS) solution that hosts web apps in Azure web apps in Azure provides the ability to scale the platform automatically.



c) A platform as a service (PaaS) solution that hosts web apps in Azure provides professional development services to continuously add features to custom applications.



Q190:**Statement****Yes****No**

a) Azure provides flexibility between capital expenditure (CapEx) and operational expenditure (OpEx).



b) If you create two Azure virtual machines that use the B2S size, each virtual machine will always generate the same monthly costs.



c) When an Azure virtual machine is stopped, you continue to pay storage costs associated to the virtual machine.



Q191:**Statement****Yes****No**

a) You can copy a Virtual machine from one subscription to another subscription.



b) You can move Azure VMs to another Azure region.



c) You can move a Virtual machine from one subscription to another subscription.



Q192: The Microsoft Intune product is:

- a) Software as a Service (SaaS)
- b) Platform as a Service (PaaS)
- c) Infrastructure as a Service (IaaS)

Q193: At which OSI layer does ExpressRoute operate?

- a) Layer 2
- b) Layer 3
- c) Layer 5
- d) Layer 7

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ExpressRoute documentation

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Design and implement Azure ExpressRoute - Training

You will learn how to design and implement Azure ExpressRoute, ExpressRoute Global Reach, ExpressRoute FastPath, and when to use each service...

Feedback

What is Azure ExpressRoute?

Article • 12/23/2022 • 5 minutes to read • 15 contributors

In this article

Key benefits

Features

FAQ

What's new?

Next steps

ExpressRoute lets you extend your on-premises networks into the Microsoft cloud over a private connection with the help of a connectivity provider. With ExpressRoute, you can establish connections to Microsoft cloud services, such as Microsoft Azure and Microsoft 365.

Connectivity can be from an any-to-any (IP VPN) network, a point-to-point Ethernet network, or a virtual cross-connection through a connectivity provider at a colocation facility. ExpressRoute connections don't go over the public Internet. This allows ExpressRoute connections to offer more reliability, faster speeds, consistent latencies, and higher security than typical connections over the Internet. For information on how to connect your network to Microsoft using ExpressRoute, see [ExpressRoute connectivity models](#).

Documentation

[Azure ExpressRoute: Connectivity models](#)

Review connectivity between the customer's network, Microsoft Azure, and Microsoft 365 services. Customers can use MPLS providers, cloud exchanges...

[Connectivity providers and locations for Azure ExpressRoute](#)

This article provides a detailed overview of peering locations served by each ExpressRoute connectivity provider to connect to Azure.

[FAQ - Azure ExpressRoute](#)

The ExpressRoute FAQ contains information about Supported Azure Services, Cost, Data and Connections, SLA, Providers and Locations, Bandwidt...

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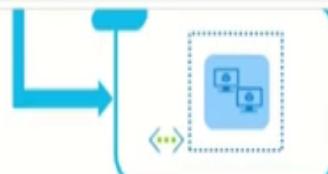
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Microsoft Peering for Office 365, Dynamics 365, Azure public services (public IPs)

Azure Private Peering for Virtual Networks



ⓘ Note

In the context of ExpressRoute, the Microsoft Edge describes the edge routers on the Microsoft side of the ExpressRoute circuit. This is the ExpressRoute circuit's point of entry into Microsoft's network.

Key benefits

- Layer 3 connectivity between your on-premises network and the Microsoft Cloud through a connectivity provider. Connectivity can be from an any-to-any (IPVPN) network, a point-to-point Ethernet connection, or through a virtual cross-connection via an Ethernet exchange.
- Connectivity to Microsoft cloud services across all regions in the geopolitical region.
- Global connectivity to Microsoft services across all regions with the ExpressRoute premium add-on.
- Dynamic routing between your network and Microsoft via BGP.
- Built-in redundancy in every peering location for higher reliability.
- Connection uptime SLA .
- QoS support for Skype for Business.

For more information, see the ExpressRoute FAQ.

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Features

Azure Private Peering for Virtual Networks

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① Note

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- Connection uptime SLA.
- QoS support for Skype for Business.

For more information, see the [ExpressRoute FAQ](#).

Features

Layer 3 connectivity

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Q194: What are two benefits of cloud computing? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- a) enables the rapid provisioning of resources
- b) has increased administrative complexity
- c) has the same configuration options as on-premises
- d) shifts capital expenditures (CAPEX) to operating expenditures (OPEX)

Q195: What is a feature of an Azure virtual network?

- a) resource cost analysis
- b) packet inspection
- c) geo-redundancy
- d) isolation and segmentation

Q195: What is a feature of an Azure virtual network?

- a) resource cost analysis
- b) packet inspection
- c) geo-redundancy
- d) isolation and segmentation

Azure Fundamentals - Part 19.

Will be published on 2nd March 2023.

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Isolation

Governance policies set by the organization.

Segmentation

The ability to group related assets that are a part of (or support) workload operations.

Q196: _____ enables Azure resources to be deployed close to users.

- a) Elasticity
- b) Geo-distribution
- c) High availability
- d) Scalability

0

Q196: _____ enables Azure resources to be deployed close to users.

- a) Elasticity
- b) Geo-distribution**
- c) High availability
- d) Scalability

Q197: Your company's infrastructure includes a number of business units that each need a large number of various Azure resources for everyday operation. The resources required by each business unit are identical. You are required to sanction a strategy to create Azure resources automatically.

Solution: You recommend that the Azure API Management service be included in the strategy.
Does the solution meet the goal?

 Yes NoThe logo for The Tech Blackboard, featuring the words "THE TECH" stacked above "Blackboard" in a bold, sans-serif font. The "T" in "THE" and the "B" in "Blackboard" are capitalized and have small circles on top of them.A large, semi-transparent watermark in the bottom right corner that reads "The Tech Blackboard".

Q198: Your company's infrastructure includes a number of business units that each need a large number of various Azure resources for everyday operation. The resources required by each business unit are identical. You are required to sanction a strategy to create Azure resources automatically.

Solution: You recommend that management groups be included in the strategy.

Does the solution meet the goal?

Q199: Your company's infrastructure includes a number of business units that each need a large number of various Azure resources for everyday operation. The resources required by each business unit are identical. You are required to sanction a strategy to create Azure resources automatically.

1

Solution: You recommend that the Azure Resource Manager templates be included in the strategy. Does the solution meet the goal?

<input type="radio"/>	Yes	<input type="radio"/>	No
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Q200: Which of the following describes Platform as a Service (PaaS)?

- a) Users are responsible for purchasing, installing, configuring, and managing their own software (operating systems, middleware, and applications).
- b) Users create and deploy applications quickly without having to worry about managing the underlying infrastructure.
- c) Users pay an annual or monthly subscription.

Q201: You're developing an application and want to focus on building, testing, and deploying. You don't want to worry about managing the underlying hardware or software. Which cloud service type is best for you?

- a) Infrastructure as a Service (IaaS)
- b) Software as a Service (SaaS)
- c) Platform as a Service (PaaS)

Q202: You are running a virtual machine in a public cloud using IaaS. Which model correctly reflects how that resource is managed?

- a) Shared responsibility model
- b) Cloud user management model
- c) User management model

Q203: You plan to migrate several servers from an on-premises network to Azure. What is an advantage of using a public cloud service for the servers over an on-premises network?

- a) The public cloud is owned by the public, NOT a private corporation
- b) The public cloud is a crowd-sourcing solution that provides corporations with the ability to enhance the cloud
- c) All public cloud resources can be freely accessed by every member of the public
- d) The public cloud is a shared entity whereby multiple corporations each use a portion of the resources in the cloud



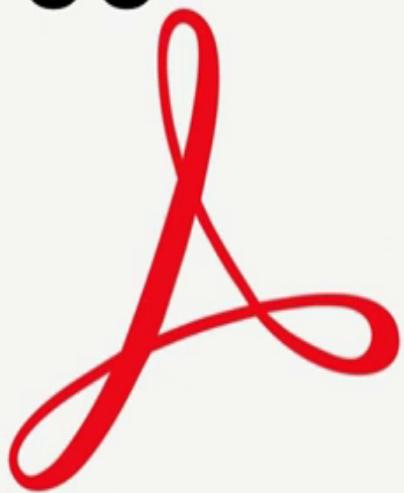
Q204: In which type of cloud model are all the hardware resources owned by a third-party and shared between multiple tenants?

- a) Private Cloud
- b) Hybrid Cloud
- c) Public Cloud

Q205: A company wants to migrate their current on-premise servers to the cloud utilizing Microsoft Azure. They require that their servers are running even in the event that a single Data Center goes down. Which of the following terms best refers to the concept that needs to be implemented to fulfill this requirement?

- a) Fault Tolerance
- b) Elasticity
- c) Scalability
- d) Low Latency

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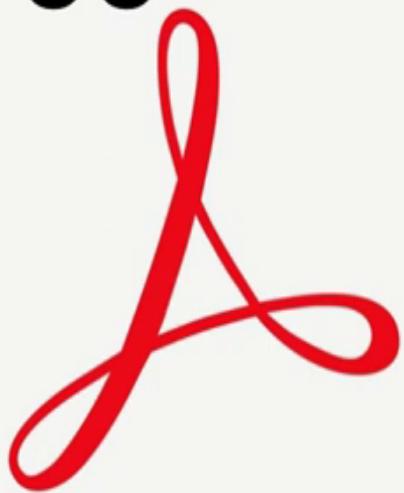
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