

00:00:00

Learn  Azure with **The Tech BlackBoard**



The Tech  
Blackboard



The Tech  
Blackboard

# az 900

Microsoft  
CERTIFIED

FUNDAMENTALS



Exam like pattern

FREE  
PDF



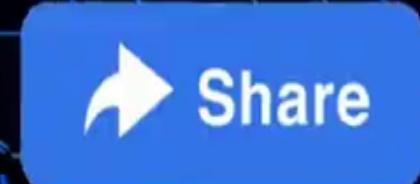
Get Certified  
Build Cloud Career



# The Tech BlackBoard



SUBSCRIBE



@askthetechblackboard



@thetechblackboard



@Dtechblackboard

The Tech  
Blackboard

0

The Tech  
Blackboard



The Tech  
Blackboard

**Q321:** You plan to build an enterprise data warehouse in Azure to perform business data analysis. The requirement is to build an integrated environment that will support the development of end-to-end analytical solutions.

Which service should you use for this?

- a) Azure Machine learning
- b) Azure Synapse Analytics
- c) Azure Database for PostgreSQL

**Q321:** You plan to build an enterprise data warehouse in Azure to perform business data analysis. The requirement is to build an integrated environment that will support the development of end-to-end analytical solutions.

Which service should you use for this?

- a) Azure Machine learning
- b) Azure Synapse Analytics
- c) Azure Database for PostgreSQL

**Azure Machine Learning** is a development platform for coding machine learning.

**Azure Synapse Analytics** is a data analytics platform that combines data integration, enterprise data warehousing, and big data analytics.

**Azure Database for PostgreSQL** is a relational database service based on the open-source Postgres database engine. It is not used to build a data warehouse.

**Q322:** Your company plans to start using Azure and will migrate all its network resources to Azure. You need to start the planning process by exploring Azure.

What should you create first?

- a) a subscription
- b) a resource group
- c) a virtual network
- d) a management group

Create Your Azure Free Account 00:03:17

https://azure.microsoft.com/en-in/free/

Azure Explore Products Solutions Pricing Partners Resources Search Learn Support Contact Sales Sign In

# Build in the cloud with an Azure free account

Create, deploy and manage applications across multiple clouds, on-premises and at the edge

[Start free](#) [Pay as you go](#)



**Popular services free for 12 months**

[View all services](#)

**55+ other services free always**

[View all services](#)

**Start with USD200\* Azure credit**

[You'll have 30 days to use it—in addition to free services](#)

Here is just some of what you can do with Azure

Chat with Sales

[Start free](#)[Pay as you go](#)

## Popular services free for 12 months

[View all services](#)

## 55+ other services free always

[View all services](#)

## Start with USD200\* Azure credit

↓ You'll have 30 days to use it—in addition to free services

Here is just some of what you can do with Azure



Create cross-platform mobile experiences

Build cloud-connected mobile experiences based on customer interests and behaviors using AI and cognitive services



Drive innovation for existing and future apps

Deploy Windows and Linux virtual machines, modernise applications and develop apps across cloud and hybrid environments



Build scalable websites and web workloads

Create workloads in Azure that scale with your business, host domains and deploy faster with DevOps tools

[Chat with Sales](#)

**Q322:** Your company plans to start using Azure and will migrate all its network resources to Azure. You need to start the planning process by exploring Azure.

What should you create first?

- a) a subscription
- b) a resource group
- c) a virtual network
- d) a management group

**Q323:** Which of the following is a repeatable set of governance tools that helps development teams quickly build and create new environments while adhering to organizational compliance to speed up development and deployment.

- a) Azure Blueprints
- b) A Continuous Integration/Continuous Deployment (CI/CD) pipeline configuration
- c) Azure Policy
- d) Azure DevOps

**Q324:** Which of the following correctly define Edge Computing?

- a) Edge computing allows you to secure your application on multiple locations.
- b) Edge computing allows customers to run VMs, containers and data services at edge locations.
- c) Edge computing allows you to create scalable web applications.

**Q325:** Which of the following could grant or deny access based on the originating IP address?

- a) Azure Active Directory
- b) Azure Firewall
- c) VPN Gateway

**Q325:** Which of the following could grant or deny access based on the originating IP address?

- a) Azure Active Directory
- b) Azure Firewall
- c) VPN Gateway

The Azure Firewall grants server access based on the originating IP address of each request. You create firewall rules that specify ranges of IP addresses. Only clients from these granted IP addresses will be allowed to access the server. Firewall rules also include specific network protocol and port information.



**Q326:** From Azure Cloud Shell, you can track your company's regulatory standards and regulations, such as ISO 27001.

Instructions: Review the underlined text. If it makes the statement correct, select 'No change is needed'. If the statement is incorrect, select the answer choice that makes the statement correct.

- a) No change is needed.
- b) The Microsoft Cloud Partner Portal
- c) Compliance Manager
- d) The Trust Center

**Q327:** Which of the following is a correct statement?

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

**Q327:** Which of the following is a correct statement?

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

#### Hybrid Cloud – Use case

Your application resides on-premises or in a private cloud. Many times, sudden spikes in demand overload the capacity of your application like season events like online shopping or tax filing. Organizations can tap into additional computing resources in the public cloud, sometimes called “cloud bursting” - where the hybrid cloud environment allows the on-premises infrastructure to “burst through” to the public cloud.

Many customers take advantage of the hybrid cloud to achieve global scale, increased reliability. In highly regulated industries, data residency requirements may mandate that certain sets of data must be kept on-premises, while other workloads can reside in the public cloud. °



**Q328:** Your organization existing infrastructure is on-premises. Due to changing demand organization was to move some of its infrastructure on Azure cloud.

You are tasked to suggest a cloud computing model that takes full advantage of on-premises infrastructure and also allows data and applications to be shared between on-premises and cloud infrastructure.

Which cloud computing would you suggest?

- a) public cloud
- b) private cloud
- c) hybrid cloud



**Q329:** This question requires that you evaluate the underlined text to determine if it is correct.

Resource groups provide organizations with the ability to manage the compliance of Azure resources across multiple subscriptions.

Instructions: Review the underlined text. If it makes the statement correct, select “No change is needed”. If the statement is incorrect, select the answer choice that makes the statement correct.

- a) No change is needed
- b) Azure App Service plans
- c) Azure policies
- d) Management groups



Q10 Which option lets you extend your on-premises networks into the Microsoft cloud over a private connection with the help of a connectivity provider?

- a) Point-to-Site (P2S) VPN
- b) Site-to-Site VPN
- c) ExpressRoute

The Tech  
Blackboard



The Tech  
Blackboard

**Q330:** Which option lets you extend your on-premises networks into the Microsoft cloud over a private connection with the help of a connectivity provider?

- a) Point-to-Site (P2S) VPN
- b) Site-to-Site VPN
- c) ExpressRoute

 Filter by title

Learn / Azure / Networking / ExpressRoute /



ExpressRoute documentation

✓ Overview

What is ExpressRoute?

✓ Quickstarts

Create an ExpressRoute circuit -

Portal

Create an ExpressRoute circuit -

PowerShell

Create an ExpressRoute circuit - CLI

 Download PDF

# What is Azure ExpressRoute?

Article • 12/23/2022 • 5 minutes to read • 14 contributors

 Feedback

## In this article

[Key benefits](#)

[Features](#)

[FAQ](#)

[What's new?](#)

[Next steps](#)

[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](#).

[Filter by title](#)[SSH documentation](#)[Overview](#)[What is ExpressRoute?](#)[Quickstarts](#)[Create an ExpressRoute circuit - portal](#)[Portal](#)[Create an ExpressRoute circuit - CLI](#)[Create an ExpressRoute circuit - Bicep](#)[Create an ExpressRoute circuit - ARM](#)[ARM](#)[Download PDF](#)

**Q330:** Which option lets you extend your on-premises networks into the Microsoft cloud over a private connection with the help of a connectivity provider?

- a) Point-to-Site (P2S) VPN
- b) Site-to-Site VPN
- c) ExpressRoute

**Q331:** Which option is used to set the communication between an on-premises VPN device and an Azure VPN gateway through an encrypted tunnel over the internet?

- a) Point-to-Site (P2S) VPN
- b) Site-to-Site VPN
- c) ExpressRoute

**Q331:** Which option is used to set the communication between an on-premises VPN device and an Azure VPN gateway through an encrypted tunnel over the internet?

- a) Point-to-Site (P2S) VPN
- b) Site-to-Site VPN
- c) ExpressRoute

Site-to-site VPN: Establish connection between on-premises VPN device and an Azure VPN Gateway that is deployed in a virtual network.

This connection type allow communication between any on-premises authorized resource to access a virtual network through an encrypted tunnel.



**Q332:** Which option lets you create a secure connection to your virtual network from an individual client computer?

- a) Point-to-Site (P2S) VPN
- b) Site-to-Site VPN
- c) ExpressRoute



Learn

Documentation

Training

Certifications

Q&A

Code Samples

More

Search



Azure

Product documentation

Architecture

Learn Azure

Develop

Resources

Portal

Free account

Filter by title

ABOUT HIGHLY AVAILABLE CONNECTIONS

About Point-to-Site VPN

About Point-to-Site VPN routing

About NAT and VPN Gateway

About zone-redundant gateways for  
Availability Zones

> Security

> Backend Connectivity Interoperability

> How-to guides

Download PDF

Learn / Azure / Networking / VPN Gateway /

# About Point-to-Site VPN

Article • 02/14/2023 • 9 minutes to read • 11 contributors

Feedback

## In this article

[What protocol does P2S use?](#)

[How are P2S VPN clients authenticated?](#)

[What are the client configuration requirements?](#)

[Which gateway SKUs support P2S VPN?](#)

[Show 6 more](#)

## IN THIS ARTICLE

[What protocol does P2S use?](#)

[How are P2S VPN clients authenticated?](#)

[What are the client configuration requirements?](#)

[Which gateway SKUs support P2S VPN?](#)

[Show 6 more](#)

A Point-to-Site (P2S) VPN gateway connection lets you create a secure connection to your virtual network from an individual client computer. A P2S connection is established by starting it from the client computer. This solution is useful for telecommuters who want to connect to Azure VNets from a remote location, such as from home or a conference. P2S VPN is also a useful solution to use instead of S2S VPN when you have only a few clients that need to connect to a VNet. This article applies to the Resource Manager deployment model.

## What protocol does P2S use?

Point-to-site VPN can use one of the following protocols:

[Filter by title](#)

[About IPsec and IKEv2 Gateways](#)

[About highly available connections](#)

[About Point-to-Site VPN](#)

[About Point-to-Site VPN routing](#)

[About NAT and VPN Gateway](#)

[About zone-redundant gateways for](#)

[Availability Zones](#)

[Security](#)

[Backend Connectivity Interoperability](#)

[Point-to-site gateways](#)

[Reference](#)

[Sources](#)

[Download PDF](#)

**Q332:** Which option lets you create a secure connection to your virtual network from an individual client computer?

- a) Point-to-Site (P2S) VPN
- b) Site-to-Site VPN
- c) ExpressRoute

**Q333:** Which of the following Azure services don't require you to select a particular region?

- a) Virtual Machines
- b) Storage types
- c) Azure Active Directory
- d) Azure Traffic Manager
- e) Azure DNS

The Tech  
Blackboard



The Tech  
Blackboard

**Q334:** Which Azure service you can use for quickly sending millions of notifications to iOS, Android, Windows, or Kindle devices, working with APNs (Apple Push Notification service), GCM (Google Cloud Messaging), WNS (Windows Push Notification Service), and more.

- a) IoT Hub
- b) Azure Notification Hubs
- c) Azure Machine Learning
- d) Azure Monitor

**Q334:** Which Azure service you can use for quickly sending millions of notifications to iOS, Android, Windows, or Kindle devices, working with APNs (Apple Push Notification service), GCM (Google Cloud Messaging), WNS (Windows Push Notification Service), and more.

- a) IoT Hub
- b) Azure Notification Hubs
- c) Azure Machine Learning
- d) Azure Monitor

Azure Notification Hubs is a massively scalable mobile push notification engine for quickly sending millions of notifications to iOS, Android, Windows, or Kindle devices, working with APNs (Apple Push Notification service), GCM (Google Cloud Messaging), WNS (Windows Push Notification Service), and more.

**Q335:** To what should an application connect to retrieve security tokens?

- a) Azure Storage account
- b) Azure Active Directory (Azure AD)
- c) Azure security center
- d) Azure Key vault

**Q335:** To what should an application connect to retrieve security tokens?

- a) Azure Storage account
- b) Azure Active Directory (Azure AD)**
- c) Azure security center
- d) Azure Key vault

Azure AD authenticates users and provides access tokens. An access token is a security token that is issued by an authorization server. Security Token is not a Secret. Password, Private Keys, Certificates, etc., are secrets.

Tokens are generated when request is made and they change with almost each request and valid for short duration only. So, there is no point in protecting the token by storing it in the vault to use it when needed, it is not a static value. 



**Q336:** You need to be aware of the latest Azure security standards to protect your data. Which of the following services should you use to ensure this?

- a) Azure Government
- b) Online Terms of Service
- c) Trust center
- d) Azure compliance documentation

**Q337:** Azure Cosmos DB is an example of which cloud offering:

- a) platform as a service (PaaS)
- b) infrastructure as a service (IaaS)
- c) serverless
- d) software as a service (SaaS)

**Q338:** A Microsoft SQL Server database that is hosted in the cloud and has software updates managed by Azure is an example of:

- a) disaster recovery as a service (DRaaS).
- b) infrastructure as a service (IaaS).
- c) platform as a service (PaaS). .
- d) software as a service (SaaS).

**Q339:** You can access Compliance Manager from:

- a) Azure Active Directory admin center
- b) Azure portal
- c) Microsoft 365 Compliance center
- d) Azure Service Trust Portal
- e) Microsoft Purview compliance portal

Teams App Camp: Join us on April 27 to learn how to build apps for Microsoft Teams and get support from Microsoft experts! [Register now >](#) X



Learn

Documentation

Training

Certifications

Q&A

Code Samples

More ▼

Search 🔍



Microsoft 365 Solutions and architecture ▼ Apps and services ▼ Training ▼ Resources ▼

[Free Account](#)

Version

[Learn](#) / [Microsoft 365](#) / [Microsoft Purview](#) /

+ | Edit | More

Microsoft 365

Filter by title

Compliance Manager quickstart

Get started with Compliance  
Manager

Build and manage assessments

Download PDF

# Get started with Compliance Manager

Article • 02/22/2023 • 24 minutes to read • 11 contributors

Feedback

## In this article

[Who can access Compliance Manager](#)

[Before you begin](#)

**Q340:** Which of the following provides information about planned maintenance and changes that could affect the availability of your resources?

- a) Azure Monitor
- b) Azure Security Center
- c) Azure Service Health

The Tech  
Blackboard



The Tech  
Blackboard

**Q340:** Which of the following provides information about planned maintenance and changes that could affect the availability of your resources?

- a) Azure Monitor
- b) Azure Security Center
- c) Azure Service Health

**Q340:** Which of the following provides information about planned maintenance and changes that could affect the availability of your resources?

- a) Azure Monitor
- b) Azure Security Center
- c) Azure Service Health

Azure Service Health is a suite of experiences that provide personalized guidance and support when issues with Azure services affect you. It can notify you, help you understand the impact of issues, and keep you updated as the issue is resolved. Azure Service Health can also help you prepare for planned maintenance and changes that could affect the availability of your resources.



Q226: Which of the following provides information about planned maintenance and changes that could affect the availability of your resources?

- a) Azure Monitor
- b) Azure Security Center
- c) Azure Service Health

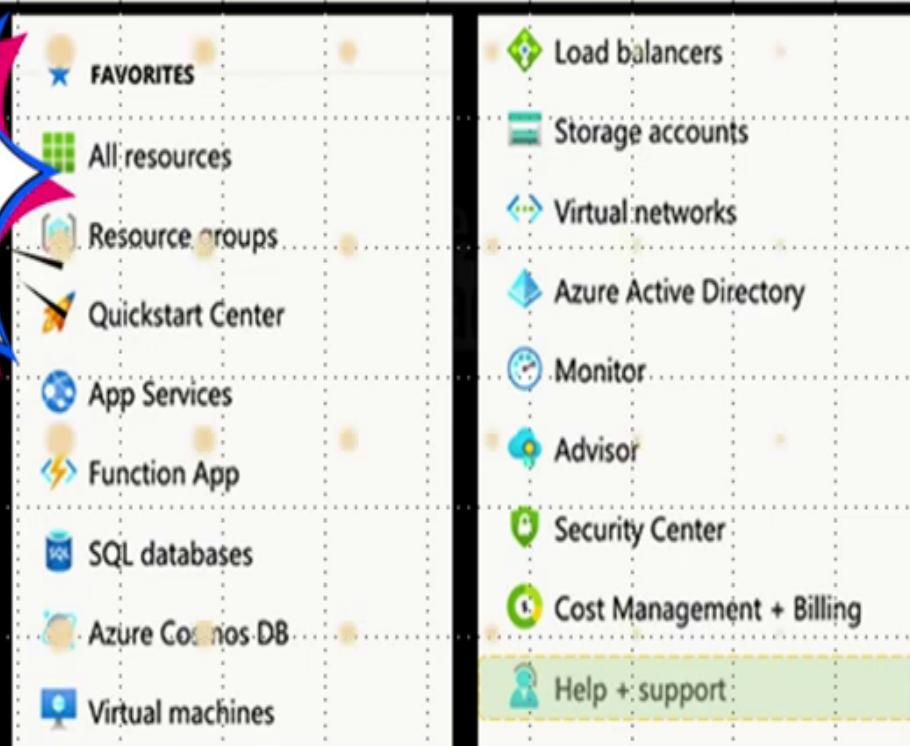
Q226: You need to view a list of planned maintenance events that can affect the availability of an Azure subscription. Which blade should you use from the Azure portal?

To answer/select the appropriate blade in the answer area.

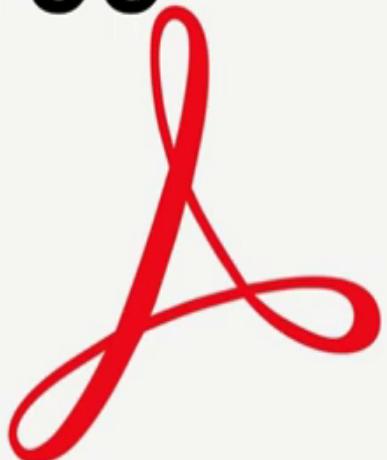
Azure Service Health

when issues, a repair

PART  
13



Free



PDF



### Part 17

Q: 301

Q: 309

Q: 317

### Part 18

Q: 323

Q: 332

Q: 340

connectus@thetechblackboard.com

The Tech  
Blackboard



SUBSCRIBED



All  
Person  
None

 **SUBSCRIBE**  
  
**Start Learning**

 **Related Video**

 **Recommended**



 **Like & Share**