Azure Fundamentals

Answer

Please read through the scenario, then write your answer in the space provided.

Scenario:

You are at a social event and someone finds out you work for Microsoft. They tell you that they have heard of ‘some cloud computing solution’ called Azure but don’t know what it is about. They ask you to describe it to them and what the benefits are. Research Microsoft Azure and provide a response outlining what you would tell this person about Azure.

Guidance for formulating your response:

Your response needs to describe the fundamentals of Azure in a way that is informative and interesting to the listener. You should also concisely outline the benefits of Azure.

We suggest you follow the guidelines for an ‘elevator pitch’ to help in being interesting, brief and memorable. This means that you can clearly articulate your response in the time it takes to ride an elevator from the bottom floor to the top floor of a high-rise building. To find out more about how to write an elevator pitch read this article.

Outline your response below.

**What is Azure?**

Azure is an ever-expanding set of cloud computing services to help your organization meet its business challenges. Cloud computing platforms, like Azure, tend to be less expensive and more secure, reliable, and flexible than on-premises servers. With the cloud, equipment downtime due to maintenance, theft, or damage is almost non-existent. You can scale your compute and storage resources—up or down—almost instantly when your needs change on Azure. Also, you typically pay only for the services you use, which provides a level of convenience and cost-control that’s almost impossible to achieve with on-site infrastructure. Azure gives you the freedom to build, manage, and deploy applications on a massive, global network using your preferred tools and frameworks.

**Benefits of Azure**

* Azure provides solutions across all industries and can be tailored for your specific needs.
* It supports open source technologies so you can use the tools and technologies you prefer. This gives you choice.
* Azure is the only consistent hybrid cloud, has more regions than any other cloud provider, delivers unparalleled developer productivity and offers more comprehensive compliance coverage.
* You can create a free Azure account to learn how it works. You only pay for what you use. Azure provides flexible purchasing and pricing options for all your cloud scenarios.

**Information about certification for Microsoft Azure Fundamentals:**

If anyone is a Microsoft intern, at the completion of this Virtual Internship Platform, you are required to complete the Azure Fundamentals Learning Path.

The Azure Fundamentals Learning Path will enable you to:

* Learn cloud concepts such as High Availability, Scalability, Elasticity, Agility, Fault Tolerance, and Disaster Recovery
* Understand the benefits of cloud computing in Azure and how it can save you time and money
* Compare and contrast basic strategies for transitioning to the Azure cloud
* Explore the breadth of services available in Azure including compute, network, storage, and security

There are 12 modules to complete in the learning path and there are no pre-requisites required for completing this course.