Azure Fundamentals

Template

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](https://www.themuse.com/advice/perfect-pitch-how-to-nail-your-elevator-speech).

Outline your response below.

Azure is a public cloud computing platform, providing solutions like Platform as a service (PaaS), Software as a Service (SaaS) and Infrastructure as a Service (IaaS). These can be used for virtual computing, storage, networking, data analysis etc. and much more. The Azure tool basically hosts the web apps over the internet with the help of data centers of Microsoft.

Microsoft Azure is was launched in 1 February 2010 and was has at present data centers in 54 different regions and every region is having minimum of three data centers. Right now, 80% of the Fortune 500 companies use Azure services for their cloud computing needs. Azure data centers are also present in India and provides a lot of benefits to users over the world:

1. Starting with Azure is free and follows a pay-per-use model, plus one gets a $200 credit which one can spend in the first 30 days.
2. Azure is extremely easy to learn, one just needs the knowledge of Cloud Computing and some knowledge of Microsoft to start with Azure, this can be learned without any programming language at all.
3. It is one of the most secure working environments which organizations can use for software, data storage and numerous other uses.
4. It is deeply involved in all the layers of the cloud. We can also deploy Machine Learning(ML), Artificial Intelligence(AI) and Blockchain in innovative production environment.
5. It can support multiple programming languages, including C#, Node JS etc.