**Module – 5**

**Cloud contunity bussiness**

**1-How to configure, develop and maintain Security and Privacy in cloud?**

* This is often done with several independent tactics:
* Identifying and assessing cloud services. ...
* Auditing and adjusting native security settings. ...
* Encrypting data. ...
* Managing devices. ...
* Managing users. ...
* Reporting.

**2-What is Portability in cloud?**

* In a nutshell, portability in cloud computing refers to the ability to transfer applications and data between cloud computing environments, enabling cloud services migration from one cloud provider to another or between public and private clouds.

**3-What is Reliability and high Availability in cloud?**

* You need reliability in cloud computing to ensure that your products and services work as expected. You need cloud availability to ensure that customers can access your cloud services whenever they need to and from anywhere in the world. You need to bring all three together to achieve true high availability.

**4-Describe Mobility Cloud Computing**Cloud mobility is about balancing resources and costs between private and public cloud services, as well as the flexibility to adapt quickly to changes in markets, technologies or the business itself.

**5-Describe AWS, Azure, Google cloud Platforms**

* All of the three platforms offers an extensive selection of services; AWS is the most advanced and widely used, Azure specializes in hybrid cloud solutions and business integration, and Google Cloud is well-known for its expertise in AI/ML and data analytics.17 May 2024

**6-Accessing AWS, Azure and Google cloud Platforms (any one portal )**

* YES

**7-Create compute, create network, create storage on AWS , Azure and GCP**

* YES

**8-Compare Cloud pricing of resources and services on all platform Amazon Web Services**

**(AWS):**

* AWS prices its services based on a pay-as-you-go model, while GCP uses a subscription model. With AWS, you pay for the used services, which you can cancel or change at any time. With GCP, you pay a fixed monthly or yearly fee for access to all services, and you can use as many or as few of them as you want.