**CSCULT**

**<DIVS>PROGRAM: CLOUD DIVISION**

Task 2 - Shelley Joshi

1. Write the examples of types of Hypervisors.

The different types of hypervisors are: -

1. Native Hypervisor

Examples – Windows Server 2012 Hyper-V

VMware vSphere/ESXi

Kernel Based Virtual Machine

XenServer

1. Hosted Hypervisor

Examples – VMware Player

Parallel Desktops

VirtualBox

1. Embedded Hypervisor

The hypervisor which supports the requirements of embedded systems. For example, ACRN.

1. Compare Azure, Google Cloud Platform and AWS based on any 5 parameters.

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| --- | --- | --- | --- |
| **Parameters** | **AWS** | **Google Cloud** | **Azure** |
| Compute Services | Amazon EC2 | Google Compute Engine | Azure VM |
| Pricing | Pay as you go | Pay as you go | Pay as you go  (In some services gets costly with scaled up architecture) |
| Availability Zones and regions | 25 regions, 81 zones | 25 regions, 73 zones | 54 regions, 3 zones per region |
| Networking | Elastic load balancer | Same as aws and azure (Private and hybrid network) | VNet and Express Route |
| Used by | Netflix, Adobe etc | Samsung, BMW etc | Twitter, PayPal etc |