**70-534 Architecting Microsoft Azure – Udemy**

Check latest exam requirement objectives consistently.

**Study Plan:**

How many hours am I going to give to this each week? GMAT/School/CCNA. Don’t start and have a break. Keep going. Don’t cram.

Create a study plan, $165.00 per exam. Exam can be proctored from home. 2 and a ½ hours with 40 questions. Look at latest test changes. Changes frequently. 1 month of dedicated studying. Official book from library and study test were not the best. One week of extra buffer.

Scenario questions. Different question types. Focused around hybrid solutions. Some vague questions. Fair test.

**ASM (Azure Services Model) – classic portal vs Azure Resource Model (ARM)** – newer portal with deployment model. Some things you can not do and some things are not easier in either portal. Default will be the new portal. Slowly migrating off the old portal

ARM templates/ARM backups were recently added. UDR (User Define Roots, Application Gateway, Azure Storage encryption, Azure Disk Encryption, SQL database TDE, Azure Scheduler,

**GFS (Global Foundation Services) called MCIO (Microsoft Cloud Infrastructure and Operations) Datacenters:**

Azure is all over the globe. Products are a ton.

**HA** – architected to stay up and running. 99.999% availability uptime. Two or more VM’s in a set are 99.95% availability. 10% credit or <99% is 25% credit.

Datacenters support all of Microsoft’s online businesses. Large as 3 cruise ships. Over 100 datacenters in 30 regions and 11 geos. NA, EU, AS, SA

Geo is a country but larger than a country. China region is special as a china company runs the datacenter. Needs a separate Azure subscription.

Region are paired with other region. NA/SA for example. DC’s are updated only one pair at a time. Regions don’t support all resources. Australia DC is only available to them. Same for India. Keeping data in region. 300 miles between DC.

**Triple Redundant storage** – 3 times replicated in that region. Or can elect up to 6-times and across geos. Brazil is paired with US in one instance. Pairs are in same geo for data protection laws.

Racks – servers are arranged in groups. Two blades per 1U. Height total of 52U. 96 servers on a single rack which would be 48U. JBOD (Just a Bunch of Disks (up to 60GB). 20 racks make up a cluster.

All pre-wired. Clusters have the same hardware. Cluster can have close to 1,000 servers.

**ITPAC** – container of servers, built as one unit and shipped to a Microsoft datacenter for plug and play

Water, power, electricity