1. AZURE STORAGE
   1. We will talk about general DISTRIBUTED STORAGE which is the kind of storage that CLOUD PROVIDERS use. AZURE has built on top of this to be unique.
   2. STORAGE ACCOUNT sits inside a RESOURCE GROUP.
   3. DISTRIBUTED STORAGE – Cloud providers use this idea of DS as a way to provide a FAULT TOLERATANT & HIGH AVAILABLE system for a way to build your COMPUTE RESOURCE and your DATA ARCHITECTURE on top of it.
      1. They use the distributed file system, similar to HADOOP i.e. your STORAGE/data is spread across multiple computers and multiple physical hard drives.
      2. By doing that they give you single point of entry to multiple copies of your data.
      3. If you make an entry of data into a hard drive (or) database table (or) into a blob for use of a webpage. This data is automatically copied to 3 systems. These 3 systems are setup in a way they are FAULT TOLERANT meaning that they are not in the same NETWORK RACK OR NETWORK SWTICH OR POWER SUPLLY. They are automatically FAULT TOLERANT and there is a ROUTER build Infront of them that lets you go to the FASTEST ONE or the one i.e. available in case of any failure.
2. AZURE IS UNIQUE in terms of TABLES and FILES
   1. FILES – Usually a company will have FILE SHARE where they share the files with other colleagues or between remote locations.
   2. So IT department can setup a FILE SHARE without having to have a SERVER attached.
   3. TABLES – shared excel spreadsheets (or) shared small databases.
      1. Its useful for small applications (or) single office user (or) personal user.
      2. You can actually spin up a table in an AZURE STORAGE ACCOUNT and access the TABULAR STORAGE without having to have the backup.

