In Azure, **VHD** stands for **Virtual Hard Disk**. It is a file format used to store the disk data of Azure Virtual Machines (VMs). A VHD file represents a virtual disk and can contain the OS, data, applications, and more.

**Key Points about VHD in Azure:**

1. **Storage Format:**  
   VHDs are stored as **page blobs** in Azure Blob Storage.
2. **Types of VHDs:**
   * **Managed Disks:** Automatically managed by Azure, offering high availability and scalability.
   * **Unmanaged Disks:** Stored directly in Azure Storage Accounts, giving you more control but requiring manual management.
3. **VHD File Types:**
   * **OS Disk:** Contains the operating system and is used to boot the VM.
   * **Data Disk:** Additional storage attached to a VM for storing data, apps, or databases.
   * **Temporary Disk:** Provides short-term storage and is not persisted when the VM is stopped or deallocated.
4. **Disk Formats:**
   * **Fixed Size VHD:** Pre-allocates space for the entire disk size, providing consistent performance.
   * **Dynamic VHD:** Grows as data is written, saving space initially.
5. **Uses:**
   * Storing VM images and snapshots.
   * Creating custom VM images.
   * Migrating on-premises VMs to Azure.
   * Backing up or restoring VM data.
6. **Supported Formats:**  
   Azure supports **VHD** (not VHDX) files for creating virtual machine disks.

Would you like to know more about how to create or manage VHDs in Azure?