Configure Local Storage

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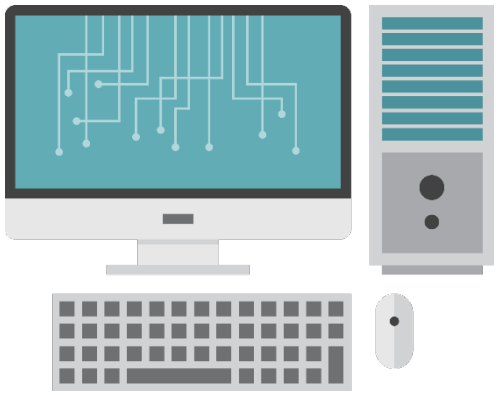
What This Module Covers



- Configure MBR and GPT Disks
- Configure Basic and Dynamic Disks
- Manage Volumes
- Create and Mount VHDs
- Design Storage Spaces
- Configure Storage Pools and Disk Pools
- Create Storage Pools by Using Disk Enclosures

Configuring MBR and GPT Disks

Master Boot Record

- Uses a partition table in the first sector of the disk to describe the location of disk partitions.
- Supports disks up to 2TB.
- Four primary partitions or three primary plus one extended partition.

GUID Partition Table

- Uses Extensible Firmware Interface to store partition information with redundancy.
- Supports disks larger than 2TB.
- Not all previous Windows versions can recognize GPT disks.

Configuring Basic and Dynamic Volumes

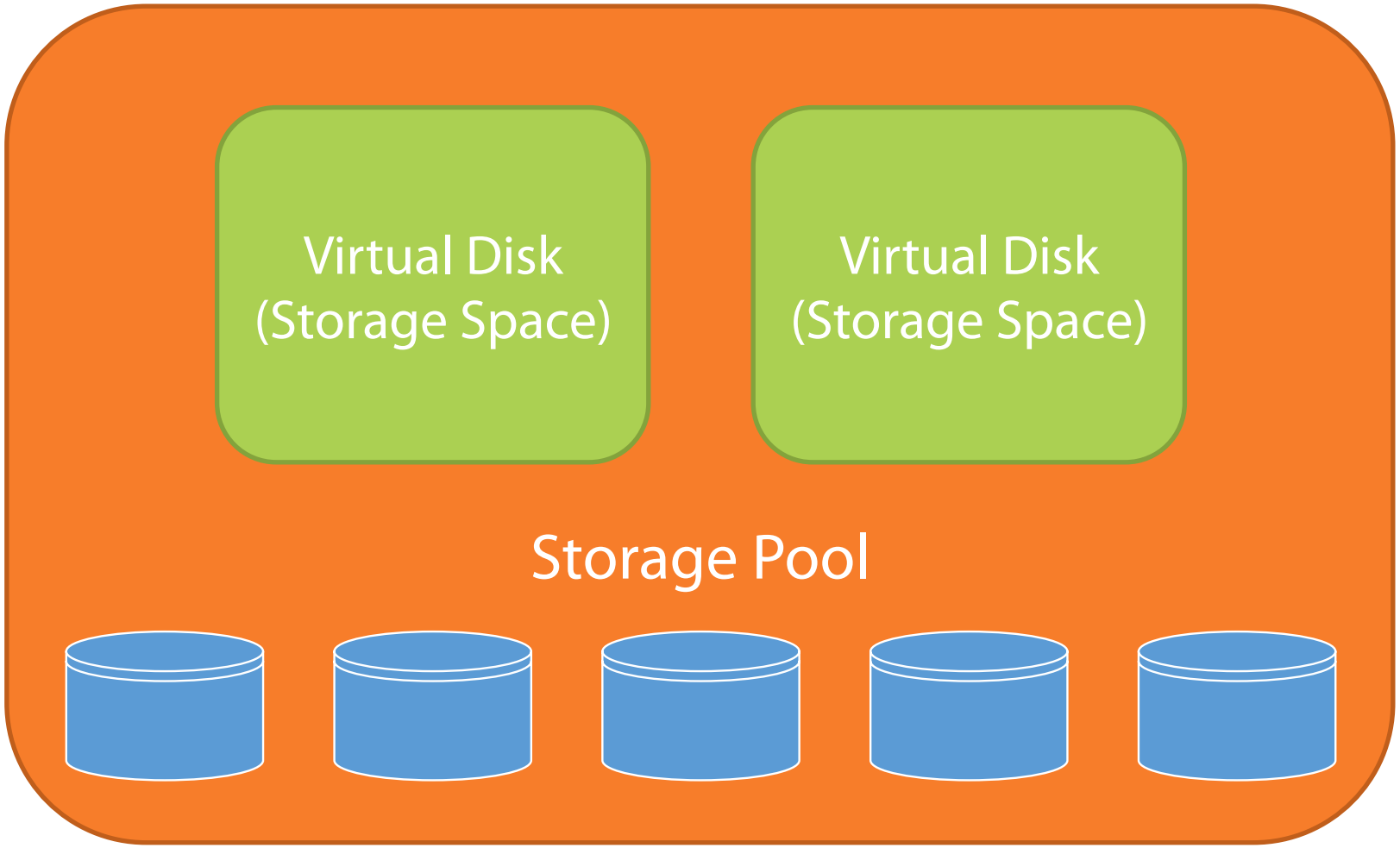
Basic Volumes

- In existence since MS-DOS.
- Still today a common configuration for disk volumes.
- Can be extended only to adjacent, contiguous, unallocated space on the same disk.
- Start here.

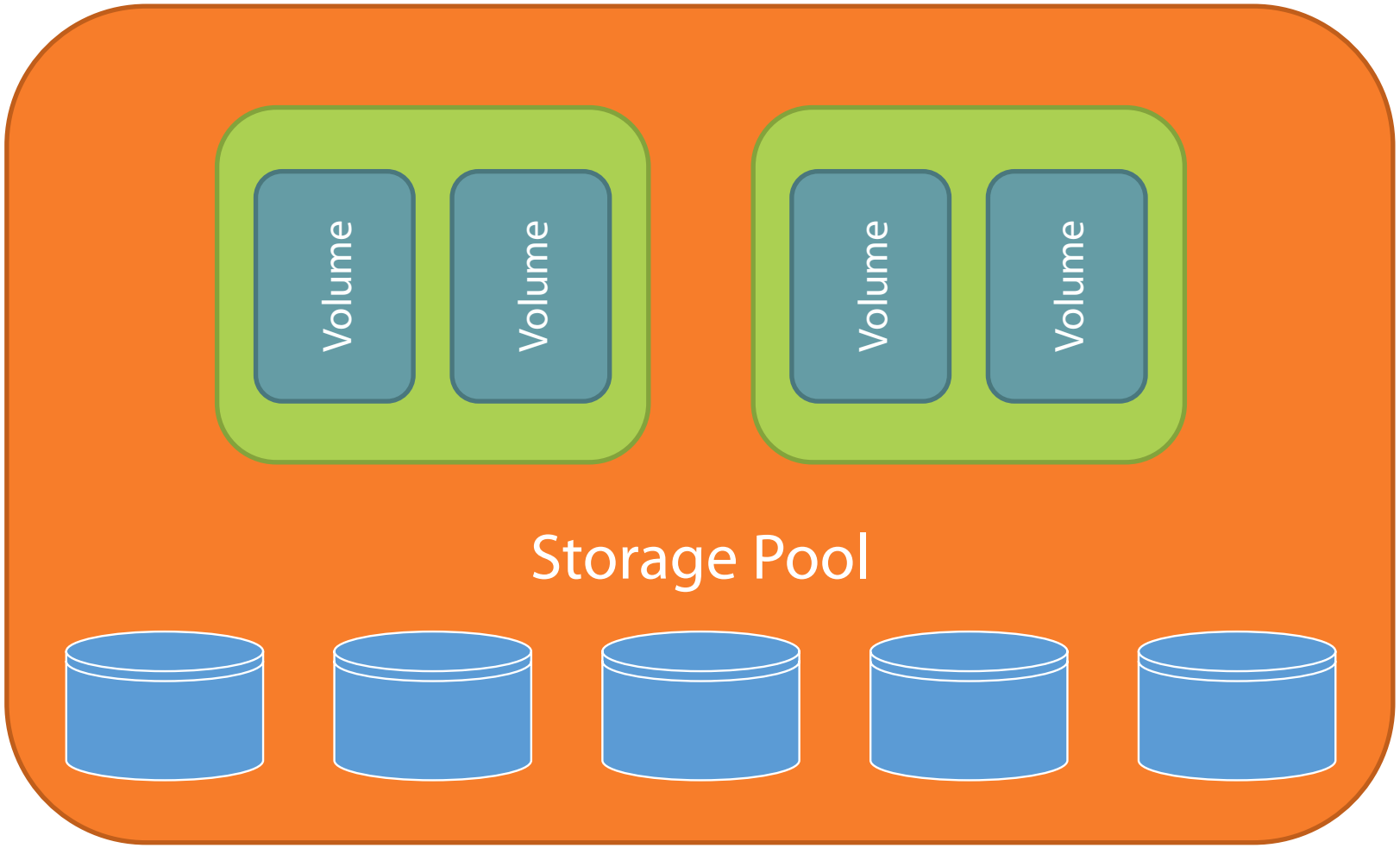
Dynamic Volumes

- Supports spanned, striped, mirrored, and RAID-5 volumes.
- Supports an unlimited number of volumes.
- Spanned volumes can extend across multiple disks.
- Not always the best choice.

Design Storage Spaces



Design Storage Spaces



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