

EBS, S3, EFS Hands On

(Cloud Storage, DAS, NAS, SAN, Object Storage)

Type of Storage

- DAS (Direct Attached Storage)
- NAS (Network Attached Storage)
- SAN (Storage Area Network)
- Object Storage

Type of Storage

- DAS (Hard Disk, USB Drive)
- NAS (Samba, NFS) (File Storage)
- SAN (Target Server + LVM) (Block)
- Object Storage (Swift, Ceph) (Object)

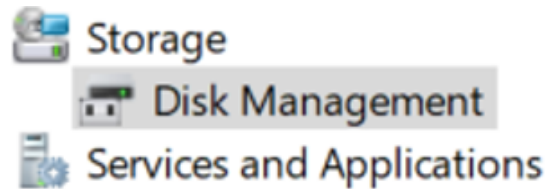
Type of Storage

- DAS (Instance Store)
- NAS (EFS, Elastic File System) (File Storage)
- SAN (EBS, Elastic Block Store) (Block)
- Object Storage (S3, Simple Storage Service) (Object)

Type of Storage

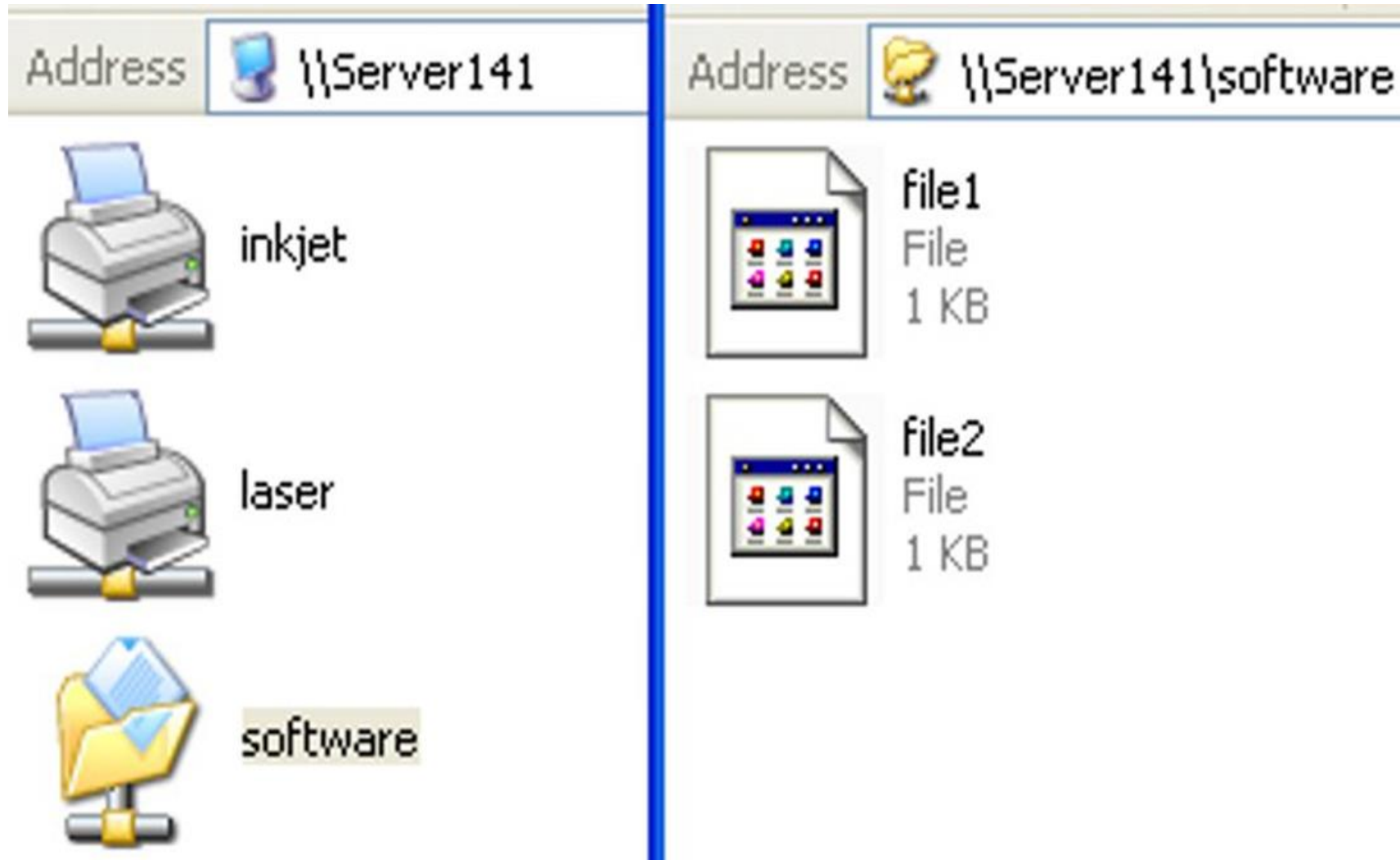
- DAS (Direct Attached Storage)
- NAS (Network Attached Storage)
- SAN (Storage Area Network)
- Object Storage

Direct Attach Storage (DAS)

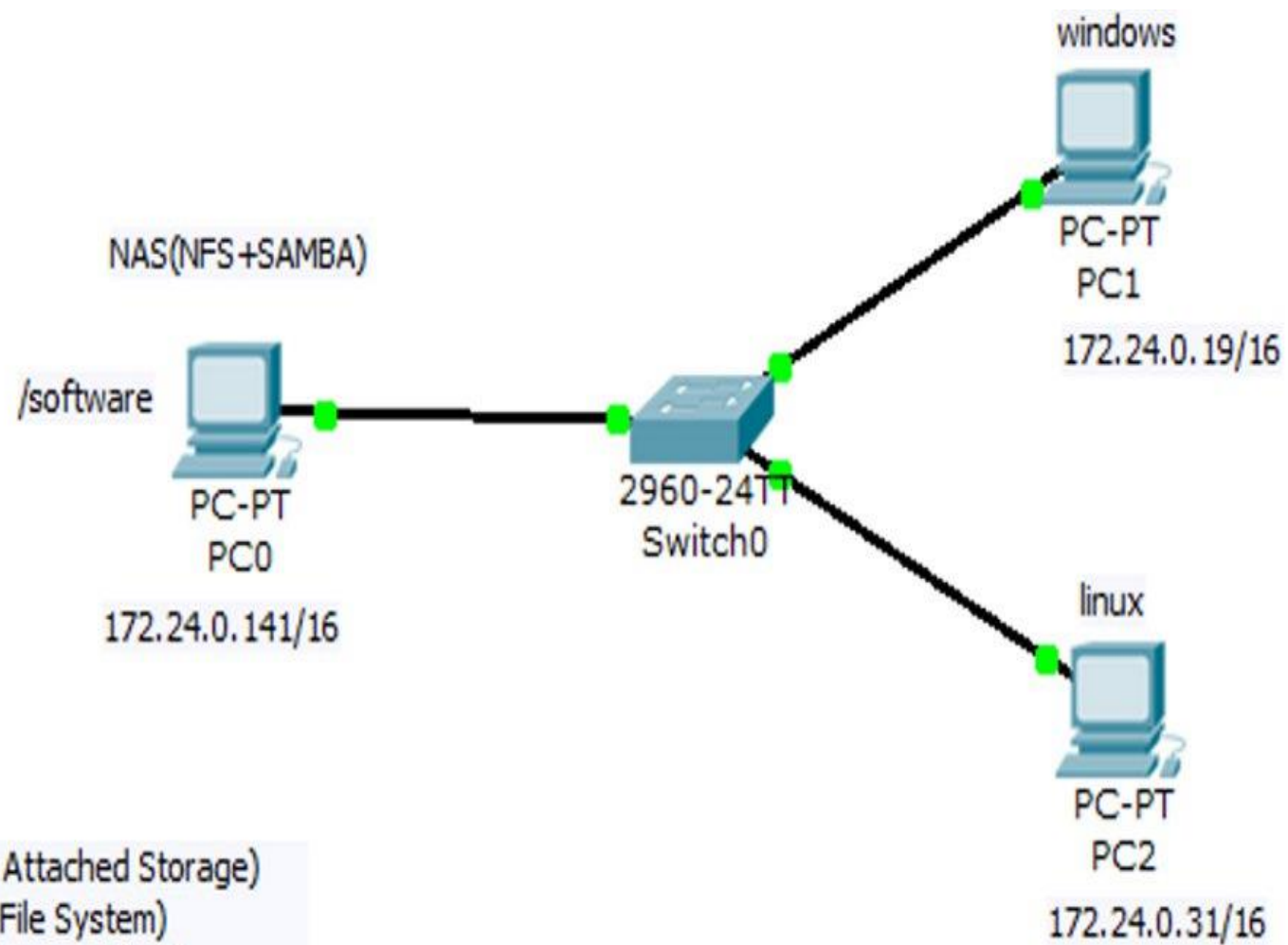


	software (E:)	Simple	Basic	NTFS	Healthv (Primary Partition)
Disk 0 Basic 238.35 GB Online	500 MB Healthy	OS (C:) 224.76 GB NTFS Healthy (Boot, Pag	859 MB Healthy	11.18 GB Healthy (Rec	1.08 GB Healthy (f
Disk 1 Basic 931.39 GB Online	DATA (D:) 589.59 GB NTFS Healthy (Primary Partition	software (E:) 244.14 GB NTFS Healthy (Primary Partitic	97.66 GB Unallocated		

Network Attached Storage (NAS)



Network Attached Storage (NAS)



NAS(Network Attached Storage)
NFS(Network File System)
SMB(Server Message Block)
CIFS(Common Internet File System)

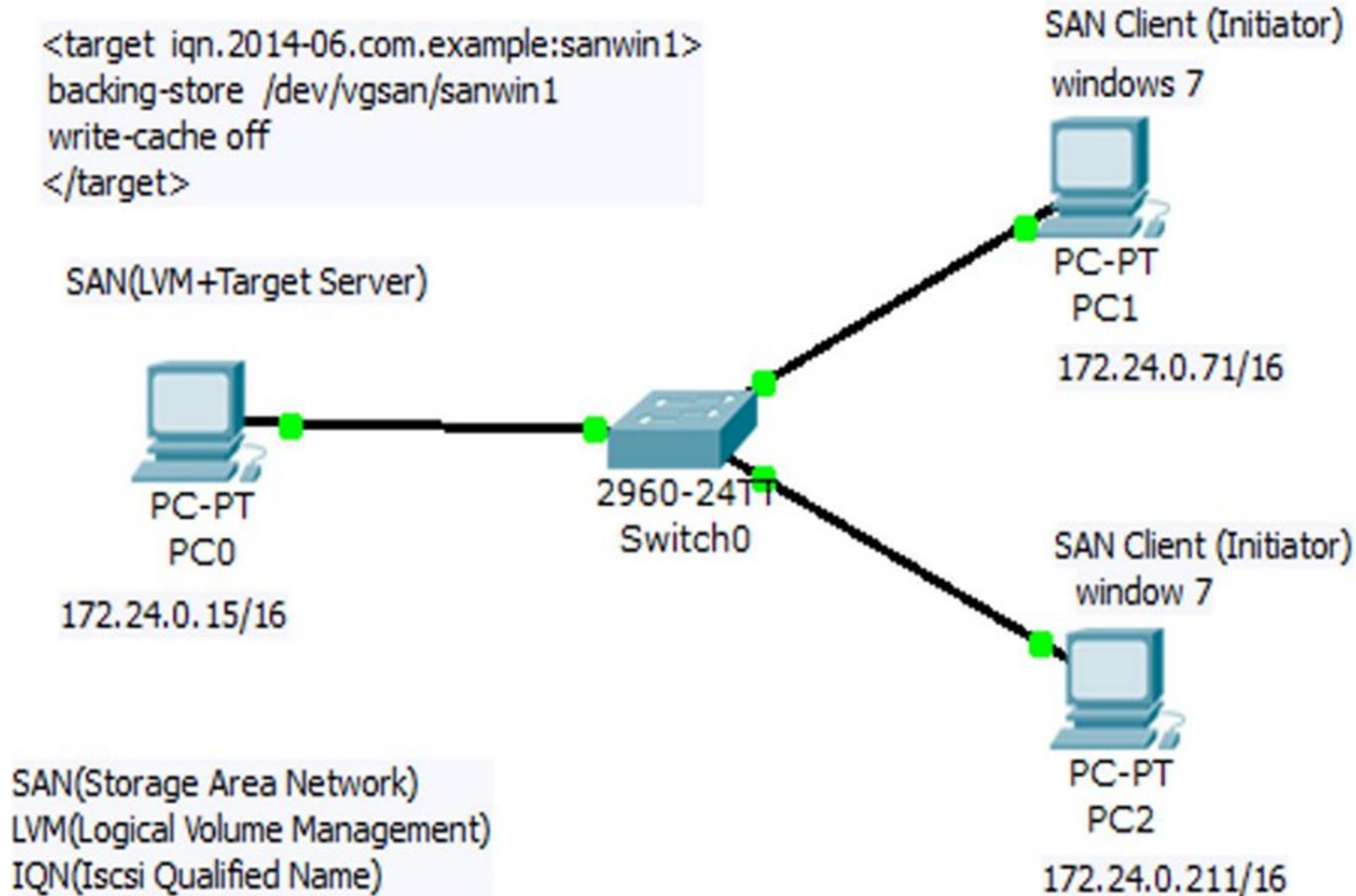
Storage Area Network (SAN)

The screenshot displays the Windows Computer Management console, specifically the Disk Management section. The left-hand navigation pane shows the hierarchy: Computer Management (Local) > Storage > Disk Management. The main area is divided into two parts. The top part is a table listing the system's volumes. The bottom part shows a graphical representation of the physical disks, Disk 0 and Disk 1.

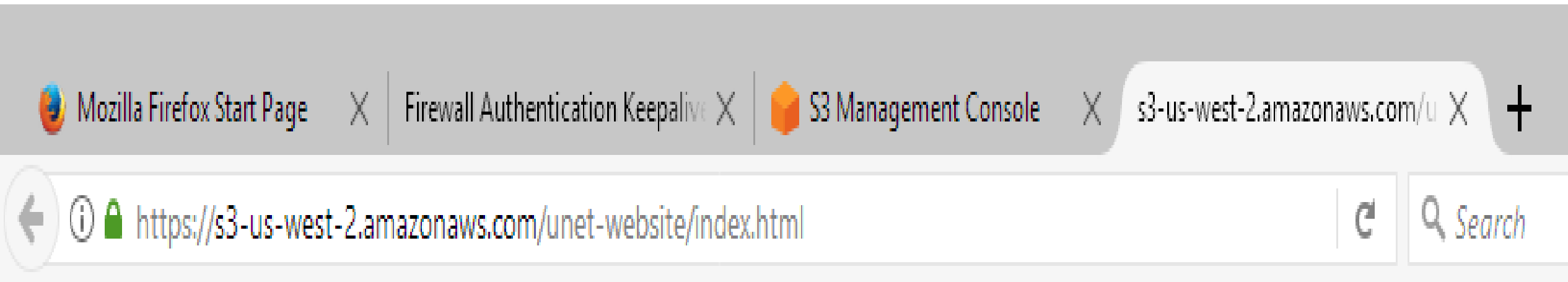
Volume	Layout	Type	File System	Status
(C:)	Simple	Basic	NTFS	Healthy (Boot, Page File, Crash Dump, Primary Partition)
CD_ROM (D:)	Simple	Basic	CDFS	Healthy (Primary Partition)
System Reserved (E:)	Simple	Basic	NTFS	Healthy (System, Active, Primary Partition)

Disk	Capacity	State	Partitions
Disk 0	20.00 GB	Online	<ul style="list-style-type: none">System Reserved (E:): 100 MB NTFS, Healthy (System, Active)(C:): 19.90 GB NTFS, Healthy (Boot, Page File, Crash Dump, Primary Partition)
Disk 1	4.13 GB	Offline	4.13 GB (Unpartitioned)

Storage Area Network (SAN)



Simple Storage Service (S3)



wel to S3 object store static website