

LAB: DATA DEDUPLICATION

Server Manager

Manager • Dashboard

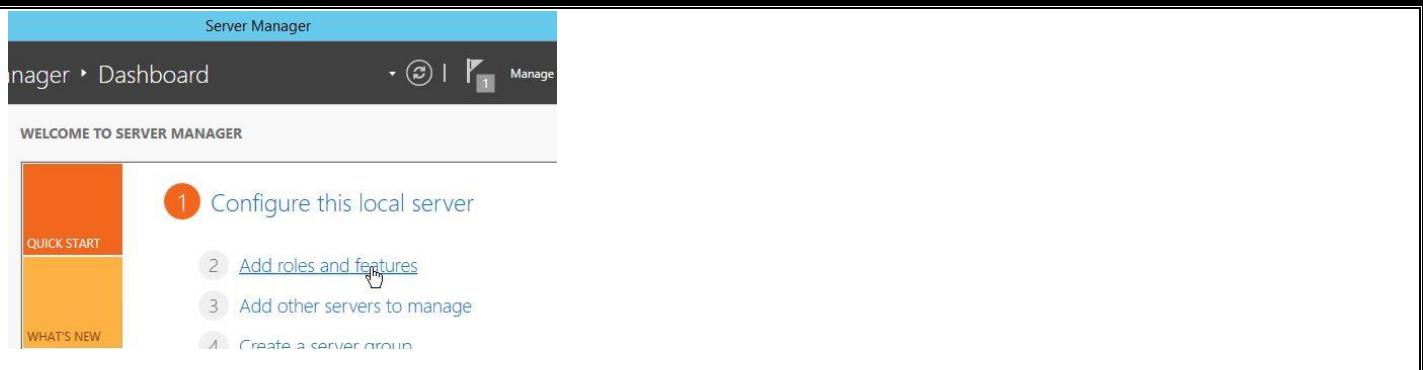
WELCOME TO SERVER MANAGER

1 Configure this local server

2 Add roles and features 

3 Add other servers to manage

4 Create a server group



Select installation type

Before You Begin

Installation Type **Installation Type**

Server Selection

Server Roles

Features

Confirmation

Results

Select the installation type. You can install roles and features on a running machine, or on an offline virtual hard disk (VHD).

Role-based or feature-based installation
Configure a single server by adding roles, role services, and features.

Remote Desktop Services installation
Install required role services for Virtual Desktop Infrastructure (VDI) or session-based desktop deployment.



Before You Begin

Installation Type

Server Selection

Server Roles

Features

Confirmation

Results

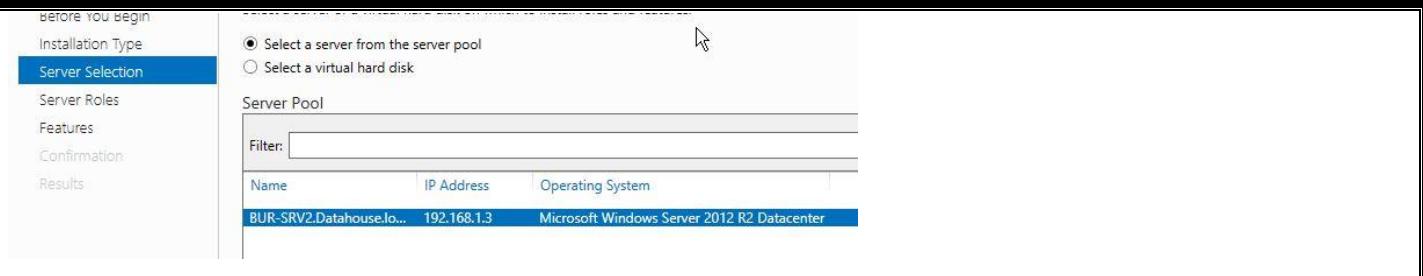
Select a server from the server pool

Select a virtual hard disk

Server Pool

Filter:

Name	IP Address	Operating System
BUR-SRV2.Datahouse.lo...	192.168.1.3	Microsoft Windows Server 2012 R2 Datacenter



Select server roles

Before You Begin

Installation Type

Server Selection

Server Roles

Features

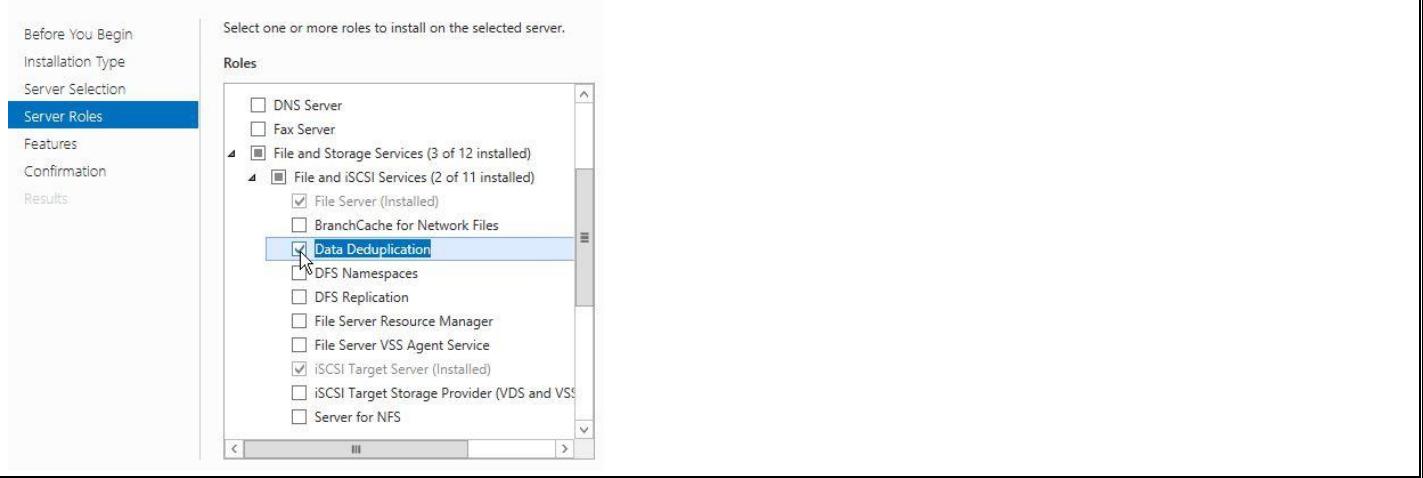
Confirmation

Results

Select one or more roles to install on the selected server.

Roles

- DNS Server
- Fax Server
- File and Storage Services (3 of 12 installed)
 - File and iSCSI Services (2 of 11 installed)
 - File Server (Installed)
 - BranchCache for Network Files
 - Data Deduplication
 - DFS Namespaces
 - DFS Replication
 - File Server Resource Manager
 - File Server VSS Agent Service
 - iSCSI Target Server (Installed)
 - iSCSI Target Storage Provider (VDS and VSS)
 - Server for NFS



Select features

Before You Begin

Installation Type

Server Selection

Server Roles

Features

Confirmation

Results

Select one or more features to install on the selected server.

Features

- .NET Framework 3.5 Features**
- .NET Framework 4.5 Features (2 of 7 installed)
- Background Intelligent Transfer Service (BITS)
- BitLocker Drive Encryption
- BitLocker Network Unlock
- BranchCache
- Client for NFS
- Data Center Bridging
- Direct Play
- Enhanced Storage
- Failover Clustering
- Group Policy Management
- IIS Hostable Web Core
- Ink and Handwriting Services

Descri

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< Previous Next >

Confirm installation selections

Before You Begin

Installation Type

Server Selection

Server Roles

Features

Confirmation

Results

To install the following roles, role services, or features on selected server, click Install.

Restart the destination server automatically if required

Optional features (such as administration tools) might be displayed on this page because they have been selected automatically. If you do not want to install these optional features, click Pre-select their check boxes.

File and Storage Services
File and iSCSI Services
Data Deduplication

Export configuration settings
Specify an alternate source path

< Previous Next > Install

Installation progress

DESTINATION SERVER
BUR-SRV2.Datahouse.local

Before You Begin

Installation Type

Server Selection

Server Roles

Features

Confirmation

Results

View installation progress

Feature installation

Installation succeeded on BUR-SRV2.Datahouse.local.

File and Storage Services
File and iSCSI Services
Data Deduplication

You can close this wizard without interrupting running tasks. View task progress or open this page again by clicking Notifications in the command bar, and then Task Details.

Export configuration settings

< Previous Next > Close Cancel



Server Manager ▶ Dashboard

Dashboard

Local Server

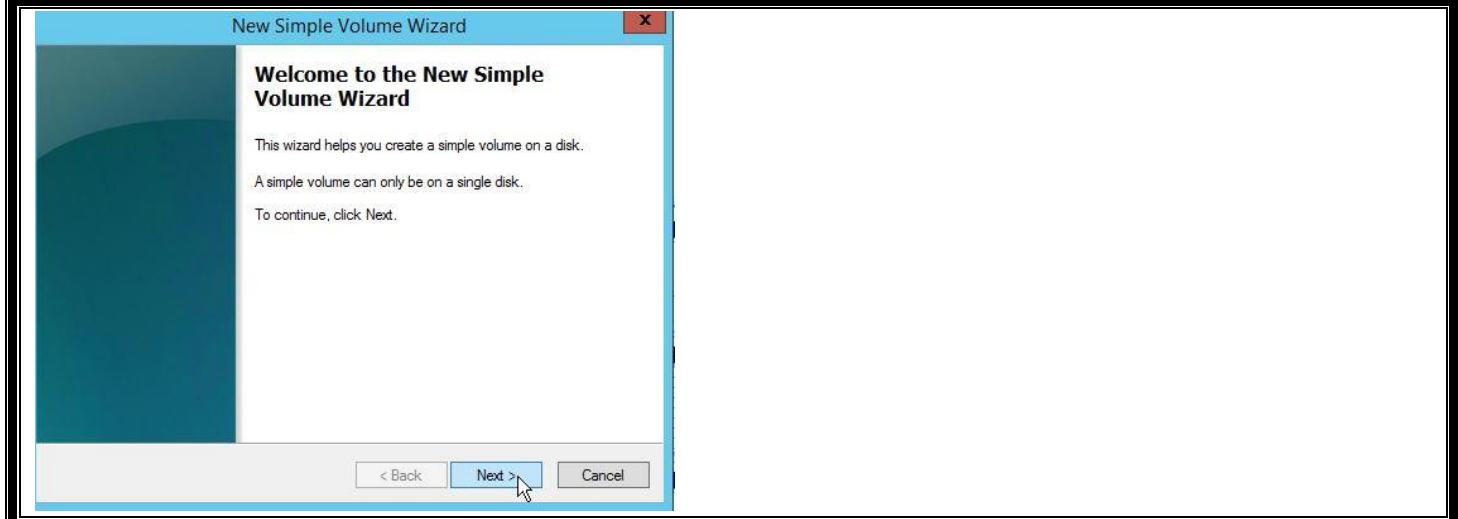
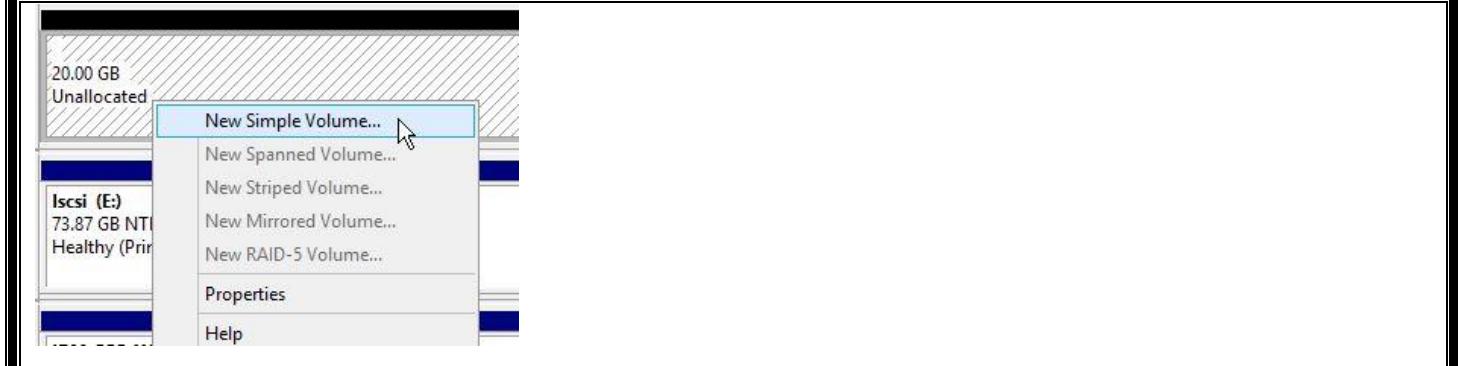
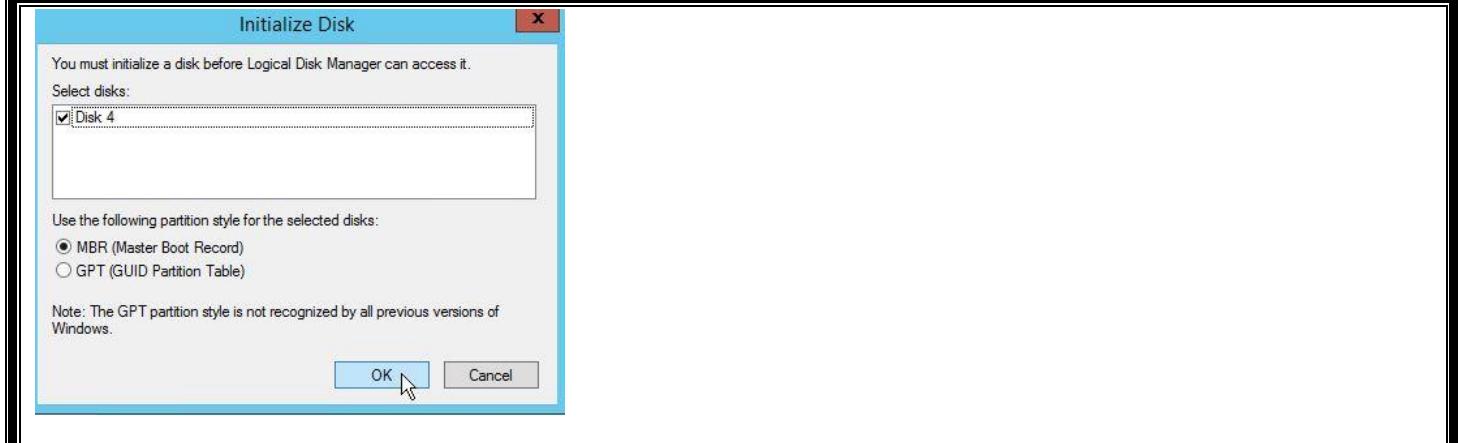
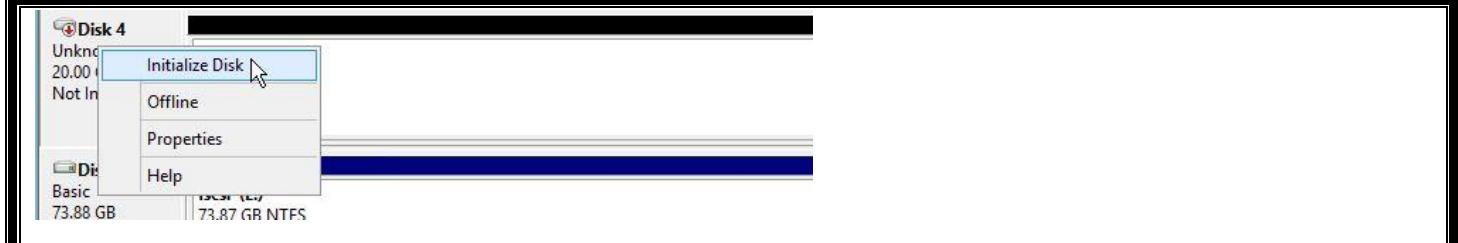
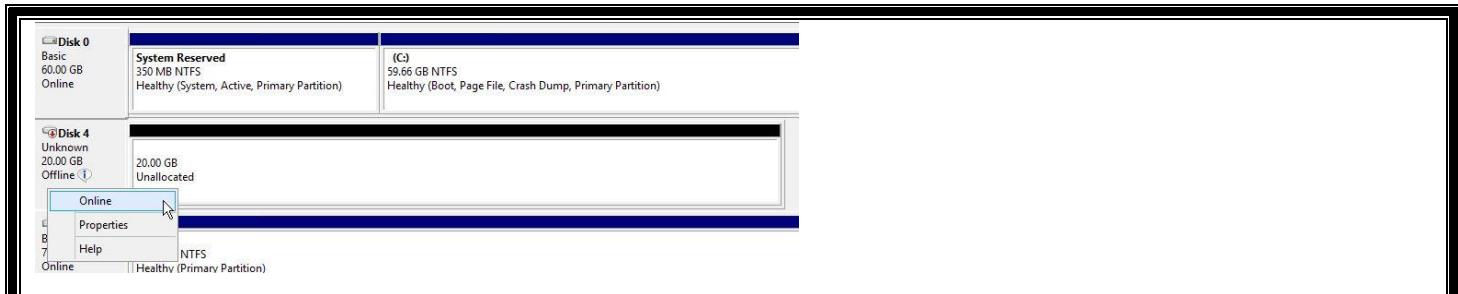
All Servers

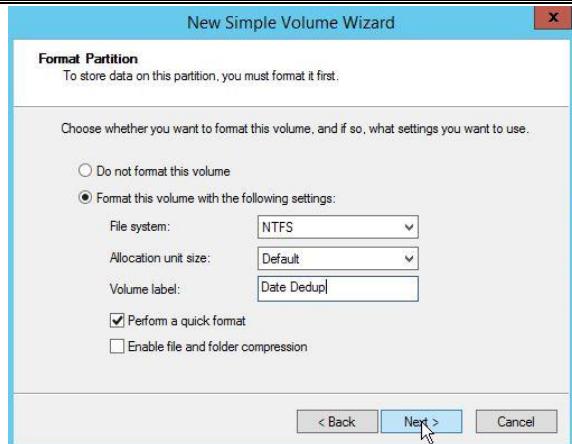
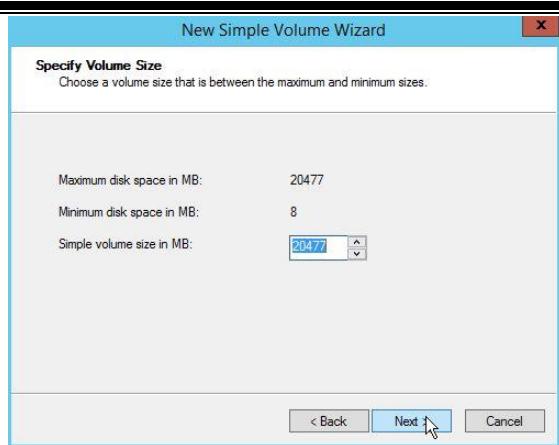
File and Storage Services

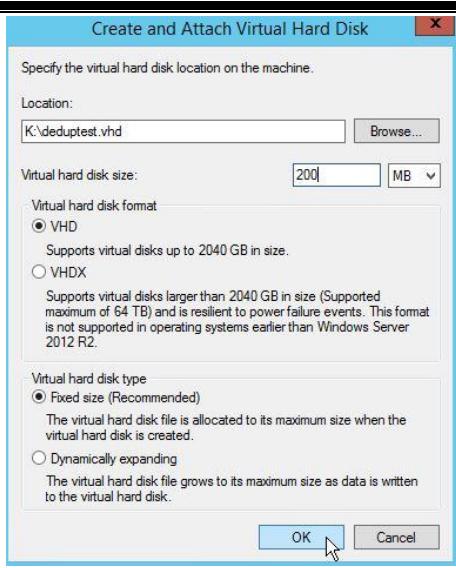
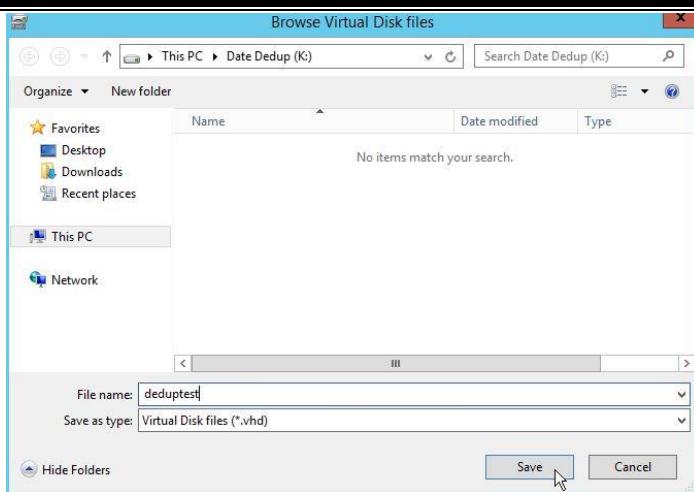
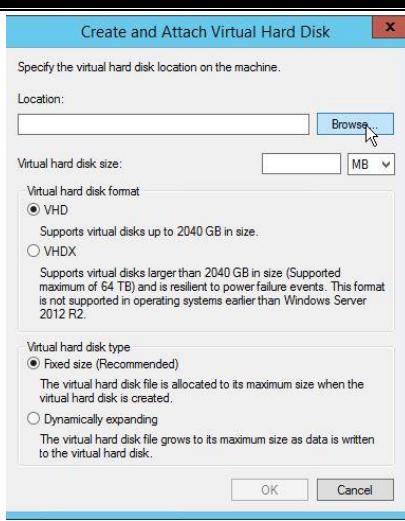
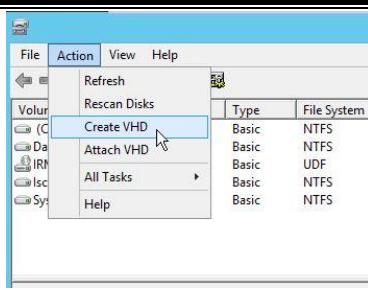
WELCOME TO SERVER MANAGER

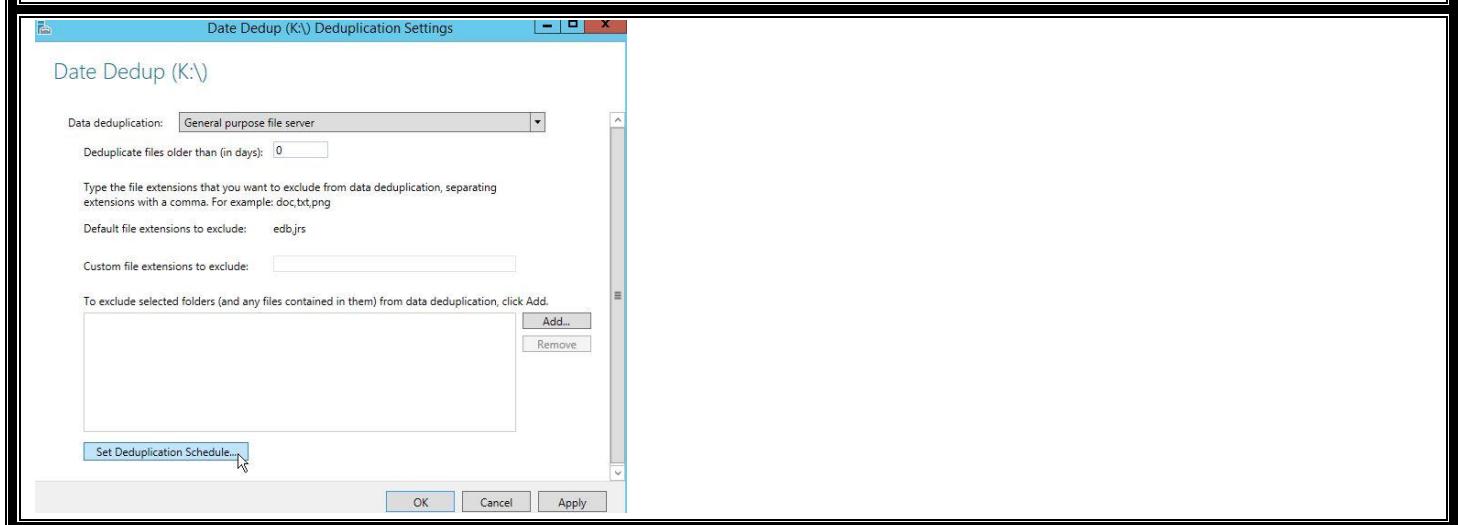
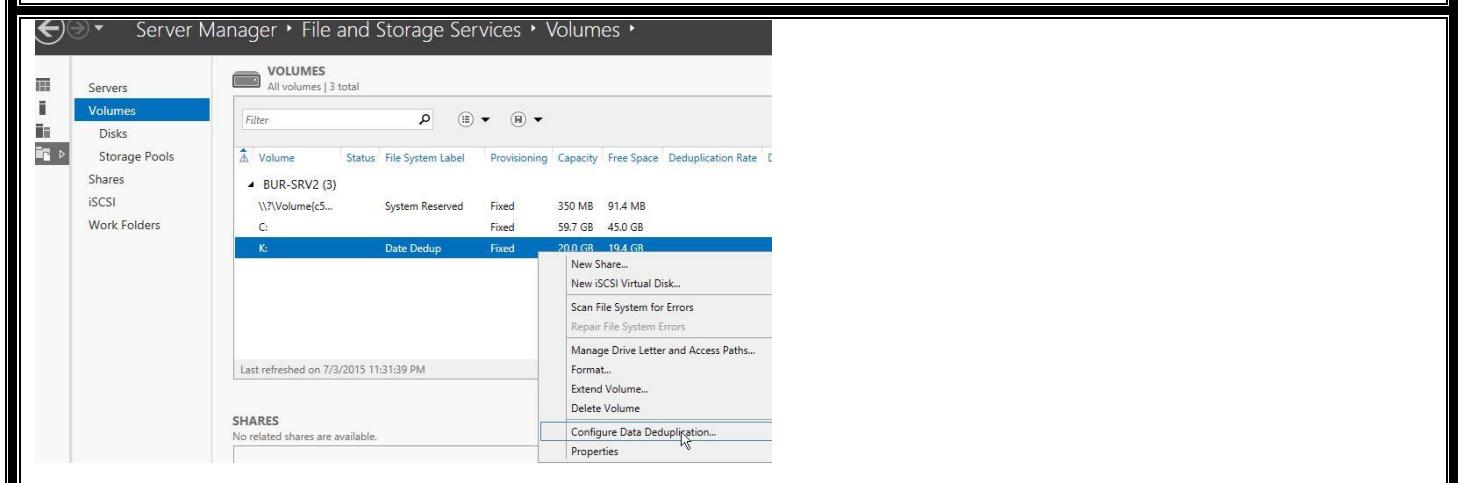
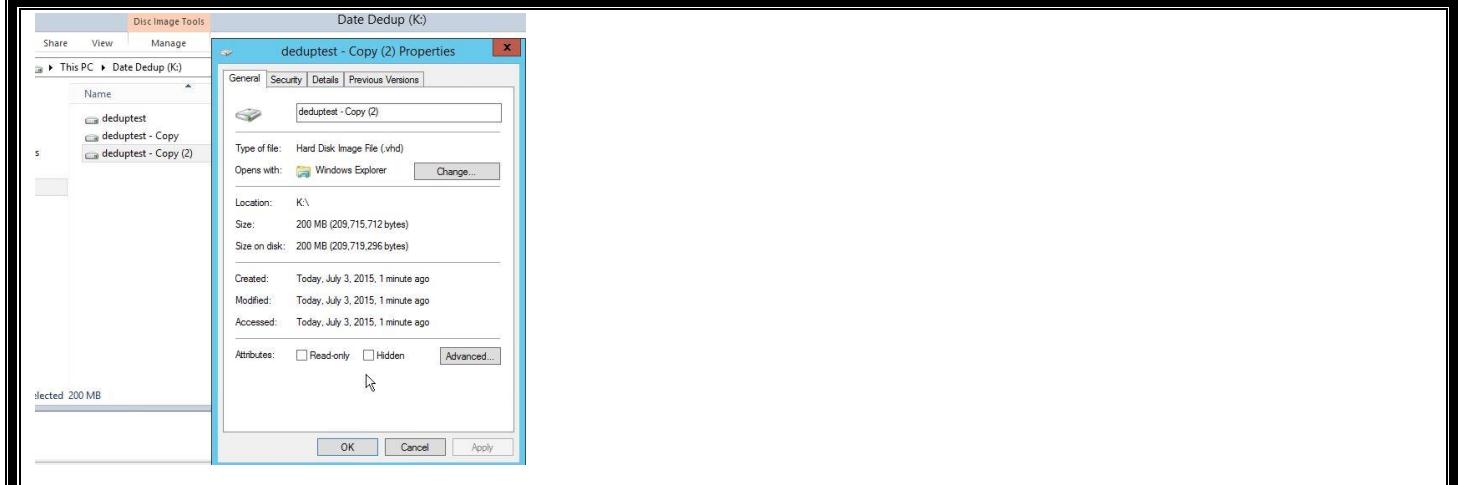
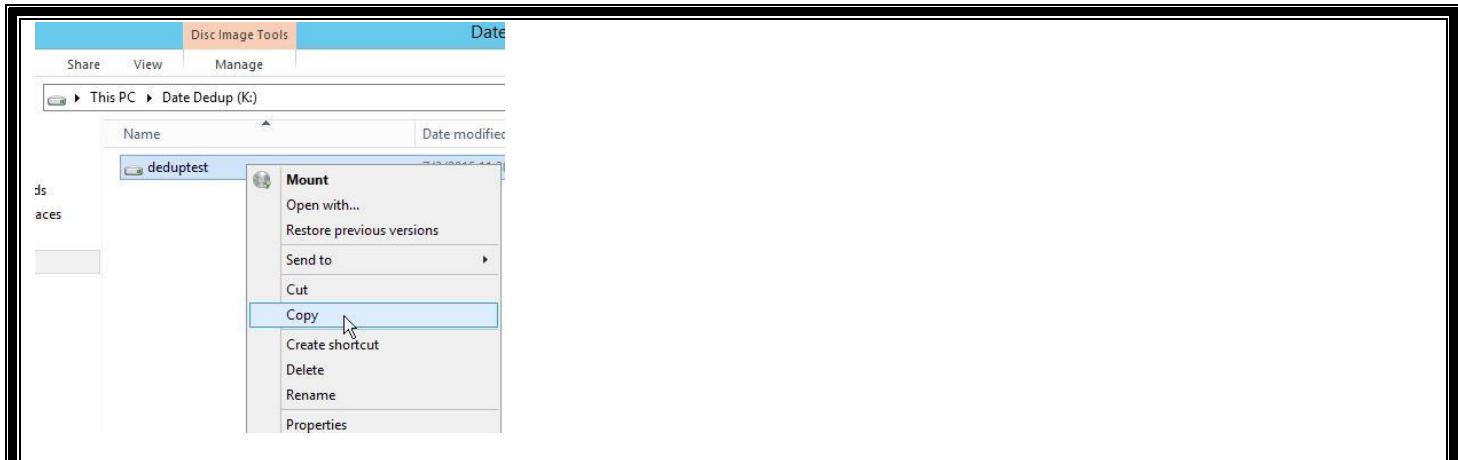
1 Con

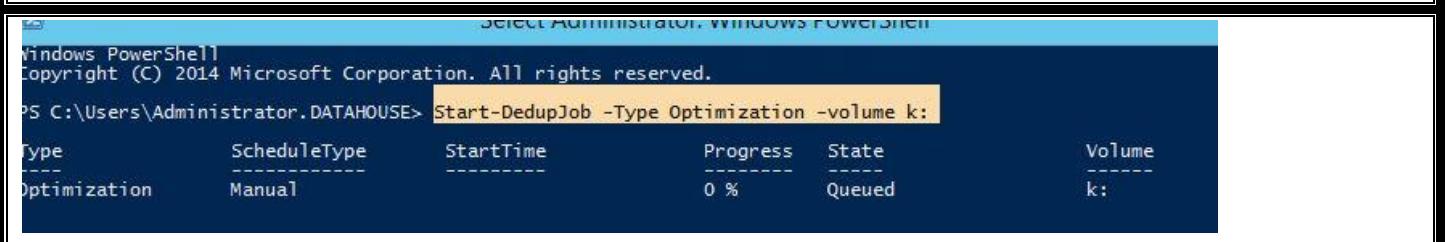
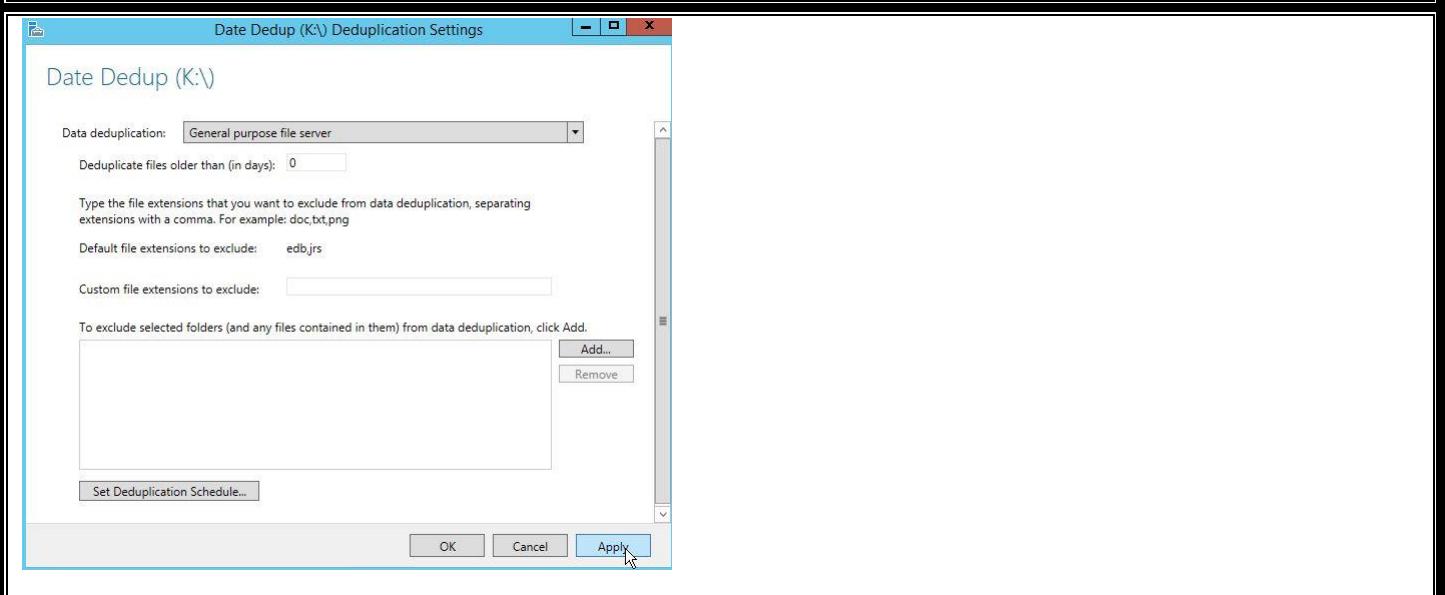
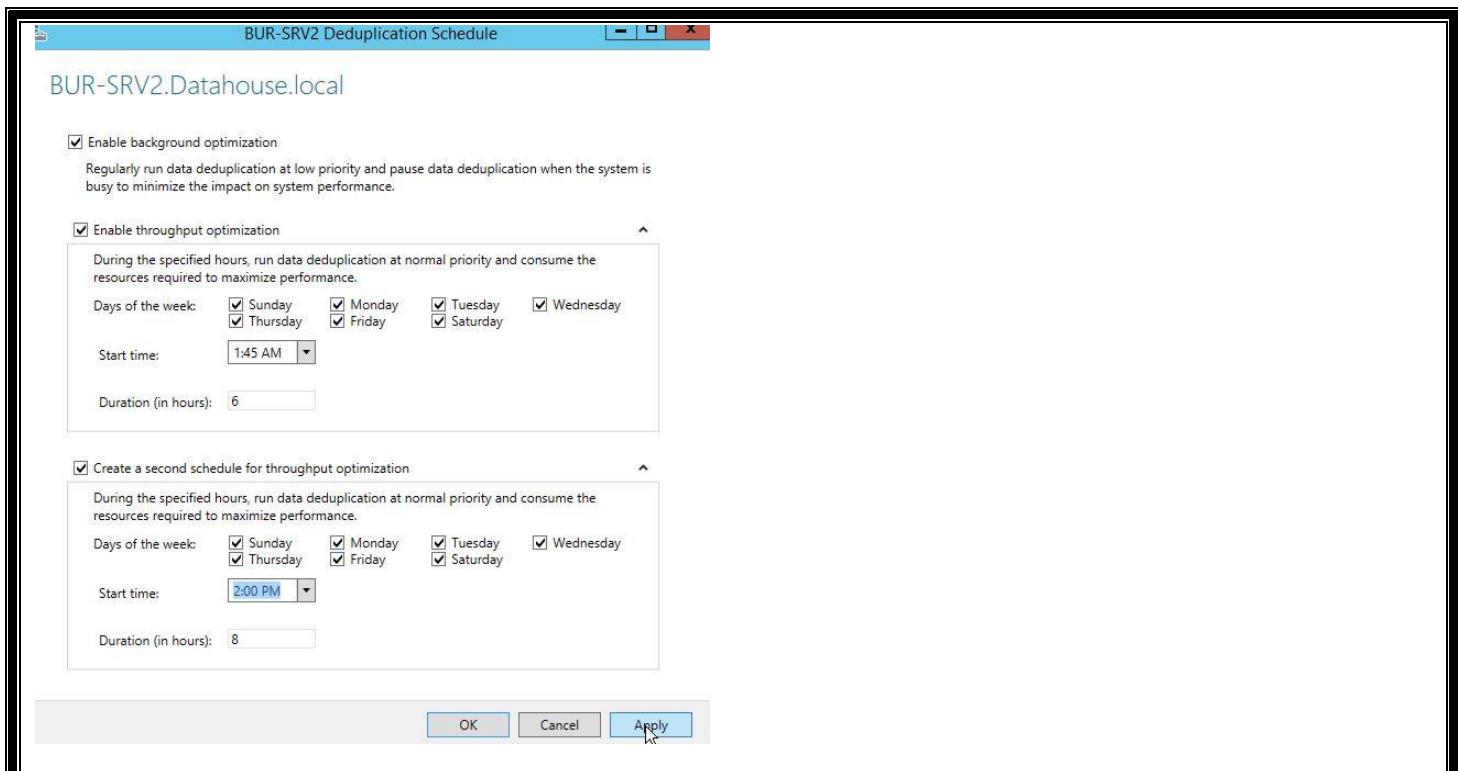
QUICK START

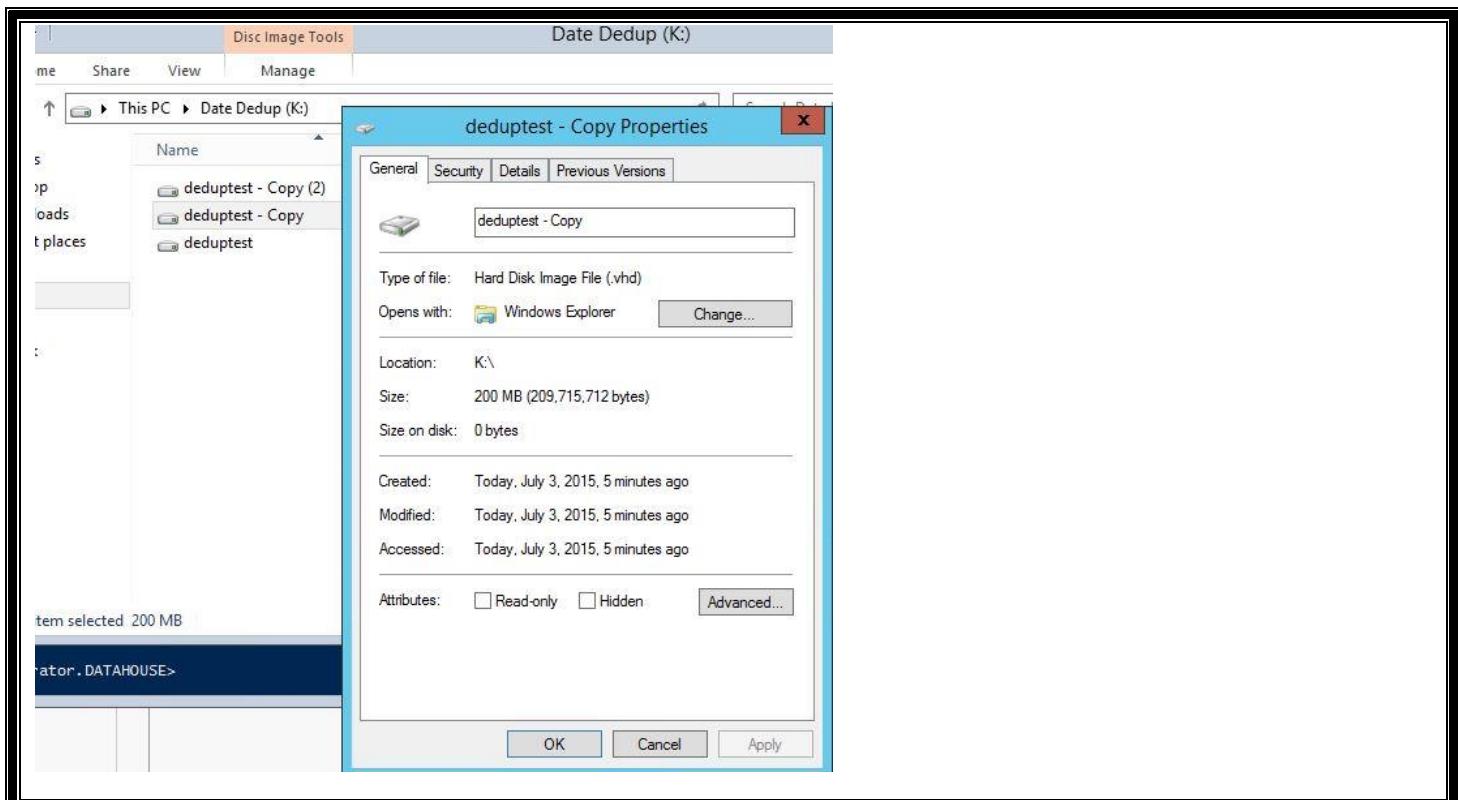












The screenshot shows the 'File and Storage Services' section of the Windows Server Manager. Under 'VOLUMES', it lists three volumes: 'BUR-SRV2 (3)' which contains 'System Reserved' and 'C:' drives, and a new volume 'K:' labeled 'Date Dedup'. The 'Date Dedup' volume has a capacity of 20.0 GB, free space of 19.6 GB, and a deduplication rate of 50%, resulting in savings of 400 MB. A progress bar indicates deduplication status.

Volume	Status	File System Label	Provisioning	Capacity	Free Space	Deduplication Rate	Deduplication Savings	Percent Used
\\?\Volume(c5...)	System Reserved		Fixed	350 MB	91.4 MB			
C:			Fixed	59.7 GB	45.1 GB			
K:	Date Dedup		Fixed	20.0 GB	19.6 GB	50%	400 MB	