



ENTERPRISE LEVEL STORAGE OS
for EVERY BUSINESS

Step-by-Step Guide to Asynchronous Data (File) Replication (File Based) over a LAN Supported by Open-E[®] DSS V6

DSS V6

DATA STORAGE SOFTWARE

16 TB



Easy to use, GUI based management provides performance and security.



Reliable disk based backup and recovery, along with Snapshot capability enable fast and reliable backup and restore.



Easy to implement remote Replication, at block or volume level, enables cost-effective disaster recovery.



IP based storage management combines NAS and iSCSI functionality for centralized storage and storage consolidation.

Software Version: DSS ver. 6.00 up85

Presentation updated: September 2011

www.open-e.com

	Replication Mode		Source/Destination			Data Transfer		Volume Type			
	Synchronous	Asynchronous	w/ System	LAN	WAN	File based	Block based	NAS	iSCSI		FC
									File-IO	Block-IO	
Asynchronous Data (File) Replication over a LAN		✓		✓		✓		✓			

- ASYNCHRONOUS DATA (FILE) REPLICATION over a LAN** enables **asynchronous** file and folder copy from one storage system to another over Local Area Network:
 - With asynchronous replication a point-in-time – snapshot copy of data on the source is made and copied to the target storage system.

REPLICATION BETWEEN TWO SYSTEMS WITHIN ONE LAN

■ **Recommended Resources**

- Key Hardware (two systems)
 - ✓ x86 compatible,
 - ✓ RAID Controller,
 - ✓ HDD's,
 - ✓ Network Interface Cards.
- Software
 - ✓ Open-E DSS V6, 2 units.

■ **Benefits**

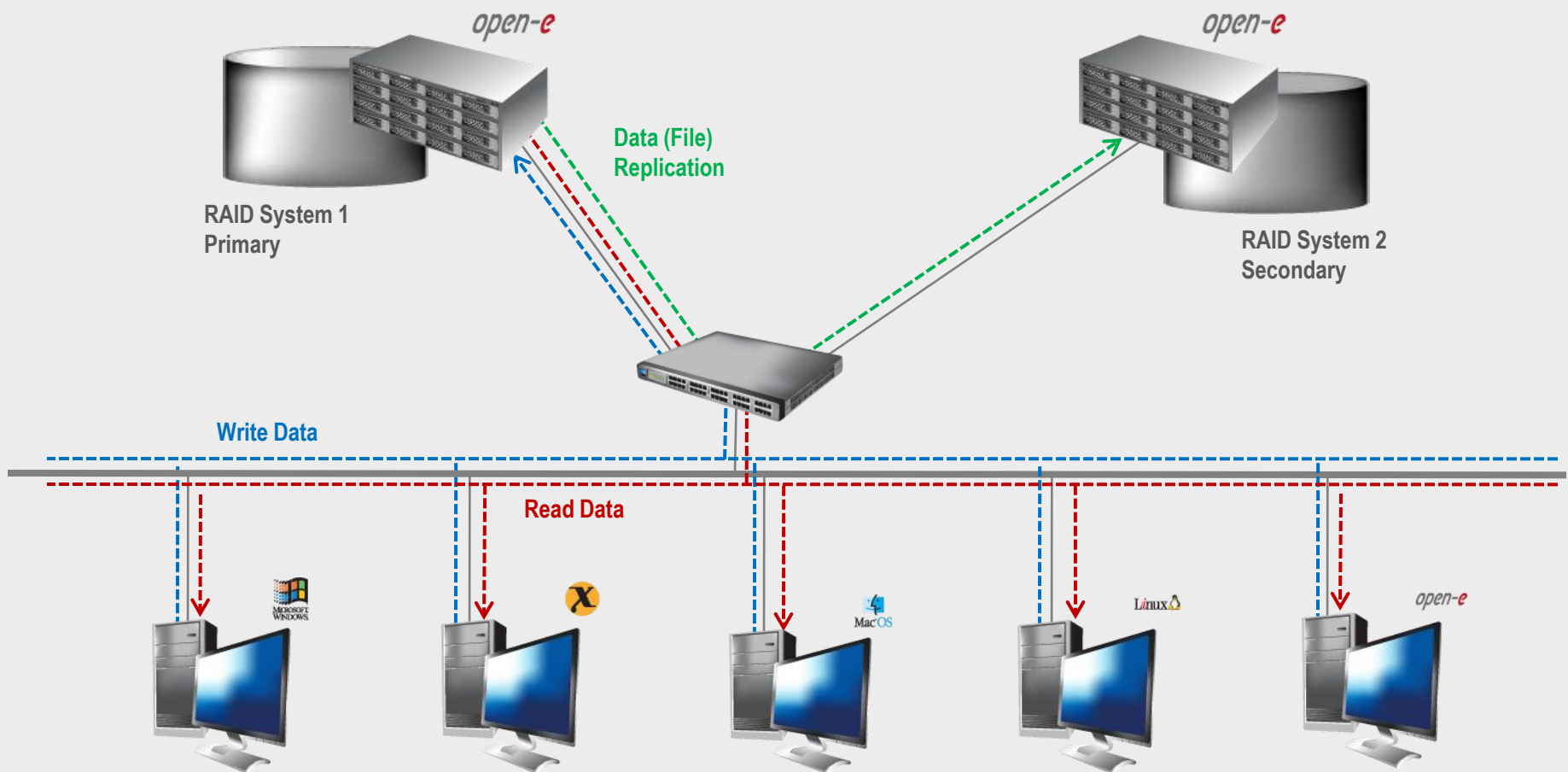
- Data Redundancy over a LAN,
- Enables continuous data access.

■ **Disadvantages**

- High cost of solution,
- Natural disasters can destroy local systems.

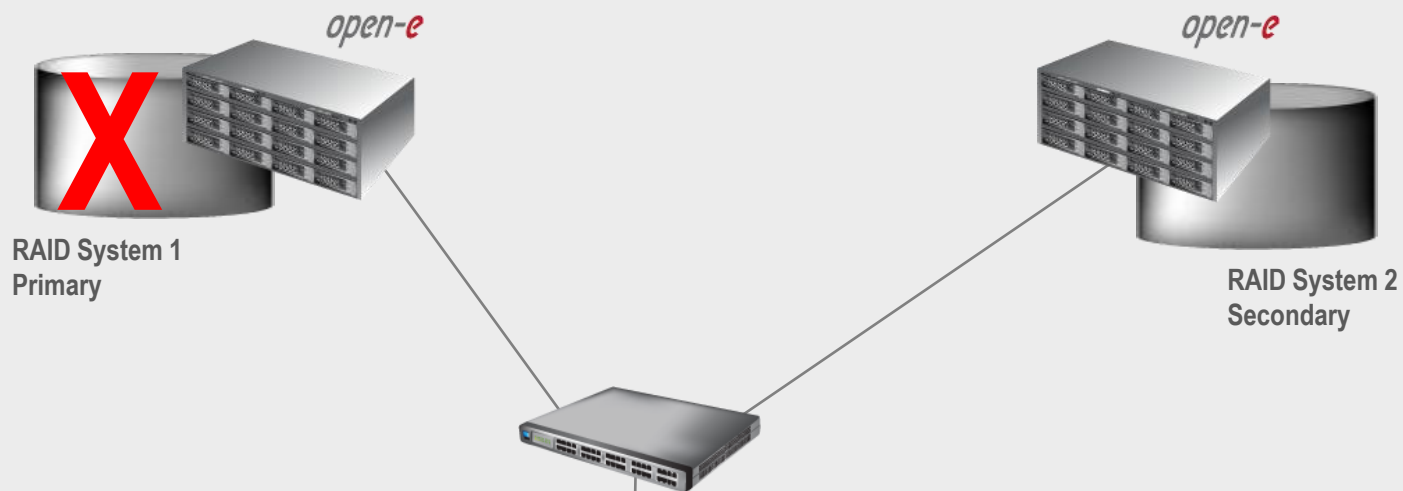
Asynchronous Data (File) Replication over a LAN

- Data is written and read to System 1
- Data is continuously replicated to System 2



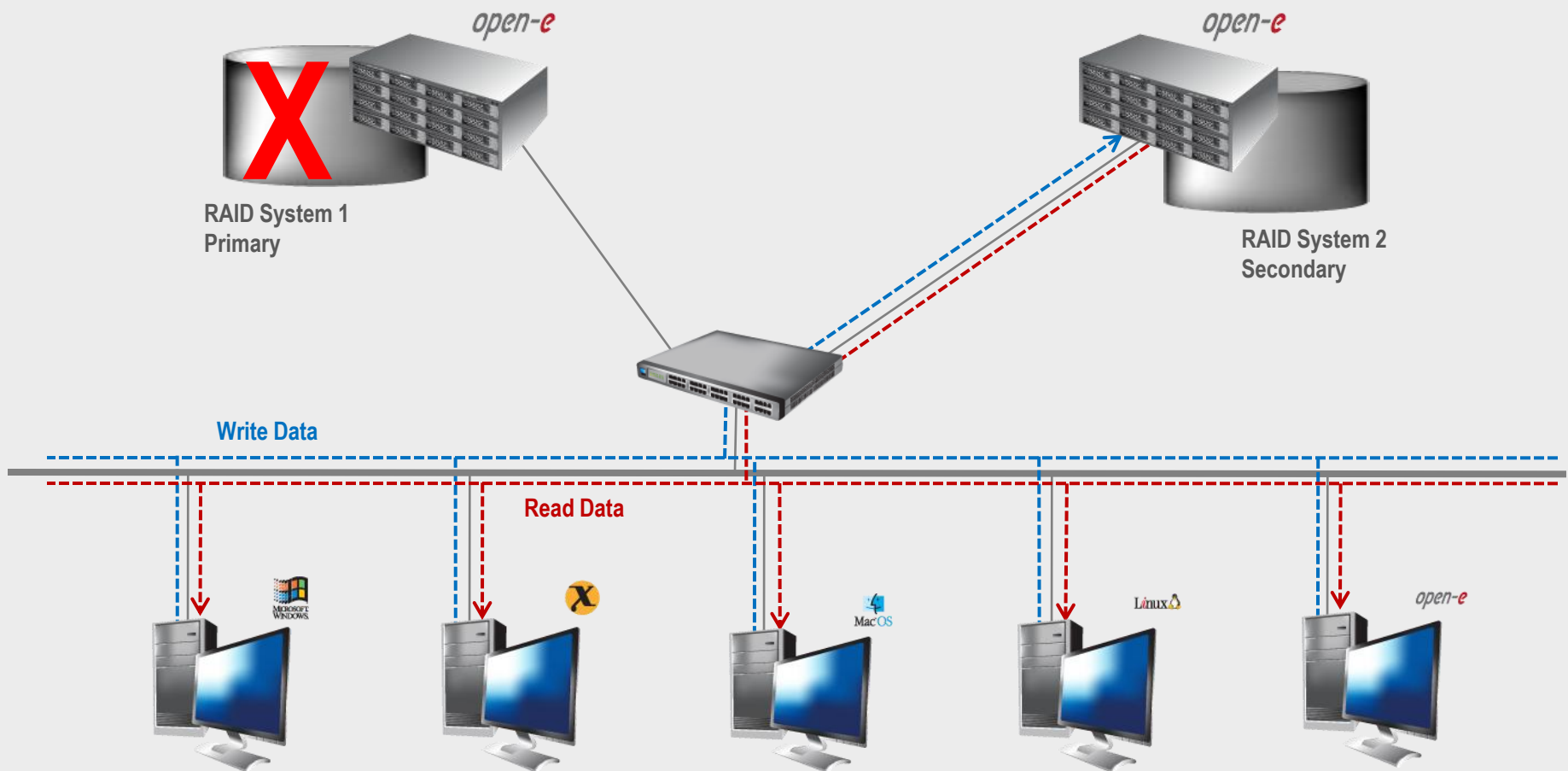
Asynchronous Data (File) Replication over a LAN

- In case of raid array error or disk drive error on the System 1, the server will send an e-mail notification to the administrator,
- In the case of a failure of system 1, users will be notified,
- Administrator then switches users to the System 2.



Asynchronous Data (File) Replication over a LAN

- After switching, replicated data is available on System 2



TO SET UP DATA (FILE) REPLICATION, PERFORM THE FOLLOWING STEPS:

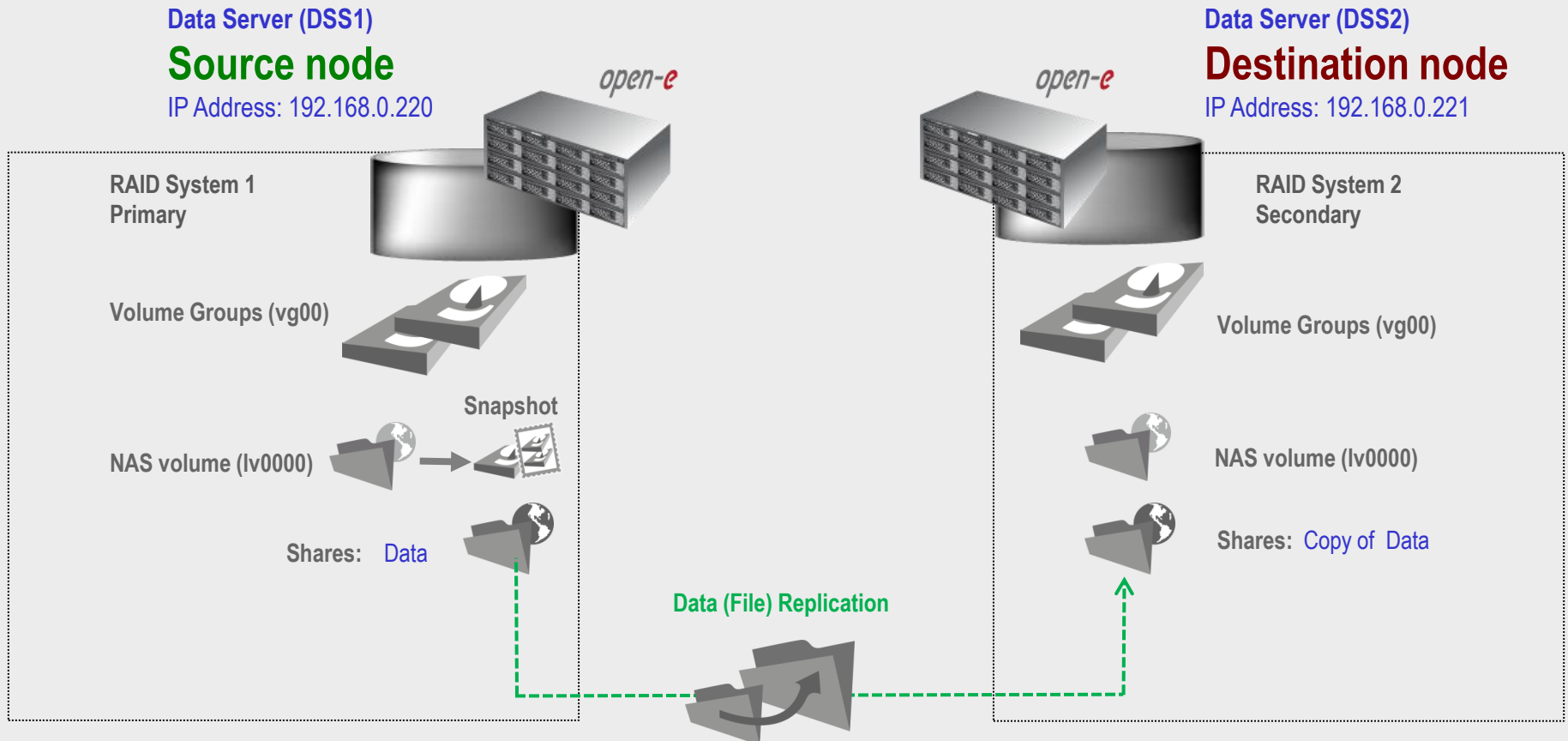
1. Configure Hardware
2. Configure the destination node
3. Configure the source node
4. Configure schedule replication
5. Check the status of Data (File) Replication

Setting up Asynchronous Data (File) Replication over a LAN *open-e*

1. Configure Hardware

Hardware Requirements

To run the Data (File) Replication on Open-E DSS V6 over LAN, a minimum of two systems are required. Logical volumes working on source node must have snapshots created and enabled. Both servers are working in the Local Area Network. An example configuration is shown below:



Setting up Asynchronous Data (File) Replication over a LAN *open-e*

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Data Server (DSS2)

Destination node

IP Address: 192.168.0.221

2. Configure the Destination Node

Under the „CONFIGURATION” menu, select „volume manager” and „Vol. groups.”

Volume Groups (vg00)

Add the selected physical units (Unit S000) to create a new volume group (in this case, vg00) and click **apply** button.

The screenshot shows the open-e web interface for configuring a destination node. The navigation menu includes SETUP, CONFIGURATION, MAINTENANCE, STATUS, and HELP. The 'CONFIGURATION' menu is expanded to show 'volume manager' and 'Vol. groups'. The 'Vol. groups' page is active, displaying a table of units and a form to create a new volume group. The 'Unit S000' is selected, and the 'Action' dropdown is set to 'new volume group' with the 'Name' field containing 'vg00'. The 'apply' button is visible.

Unit	Size (GB)	Serial number	Status
<input checked="" type="checkbox"/> Unit S000	230.08	N/A	available

Action:
Name:

Please apply changes or press "reload" button to discard

Unit	Serial number	Status
<input type="checkbox"/> Unit S000	N/A	

Setting up Asynchronous Data (File) Replication over a LAN *open-e*

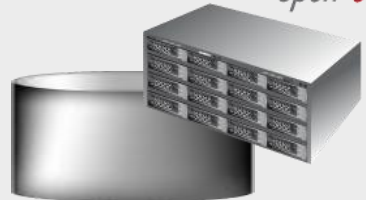
open-e

Data Server (DSS2)

Destination node

IP Address: 192.168.0.221

2. Configure the Destination Node



Volume Groups (vg00)



NAS volume (lv0000)



Select the appropriate volume group (**vg00**) from the list on the left and create a **new NAS volume** of the required size. This logical volume will be the destination of the replication process.

After assigning an appropriate amount of space for the NAS volume, click the **apply** button

The screenshot shows the open-e web interface for configuring a new NAS volume. The breadcrumb path is: CONFIGURATION > volume manager > Vol. groups > vg00. The left sidebar shows a tree view with 'Vol. groups' selected, containing 'vg00', and 'Vol. replication' below it. The main content area is titled 'Volume manager' and contains a table of system volumes:

System volumes	Size (GB)
SWAP	4.00
Reserved for snapshots	0.00
Reserved for system	4.00
Reserved for replication	0.00
Free	222.03

Below the table, the 'Action:' dropdown is set to 'new NAS volume'. There are checkboxes for 'Use volume replication' and 'WORM', both of which are unchecked. A slider and input field are used to specify the size of the new volume. The slider is positioned at 40 GB, and the input field contains '40'. A red 'apply' button is located at the bottom right of the configuration area. Below the 'apply' button, a message reads: 'Please apply changes or press "reload" button to discard'. At the bottom of the interface, there is an 'Event Viewer' icon and a footer that says 'Data Storage Software V6 - All rights reserved'.

Setting up Asynchronous Data (File) Replication over a LAN *open-e*

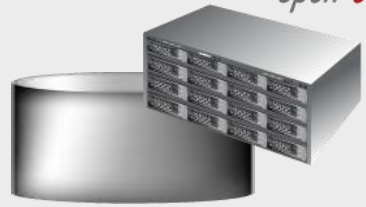
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Data Server (DSS2)

Destination node

IP Address: 192.168.0.221

2. Configure the Destination Node



Volume Groups (vg00)



The destination NAS Volume is now configured.

NAS volume (lv0000)



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SETUP | CONFIGURATION | MAINTENANCE | STATUS | HELP

You are here: CONFIGURATION > volume manager > Vol. groups > vg00

Vol. groups

- vg00

Vol. replication

Volume manager

Info
Logical volume lv0000 has been created successfully.

Logical Volume	Type	Snap.	Rep.	Init.	Blocksize (bytes)	Size (GB)
lv0000					N/A	40.00
System volumes						Size (GB)
SWAP						4.00
Reserved for snapshots						0.00
Reserved for system						4.00
Reserved for replication						0.00
Free						182.03

Action: new NAS volume

Use volume replication
 WORM

0 182.03

add: 0.00 GB

apply

Event Viewer: [icon]

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Setting up Asynchronous Data (File) Replication over a LAN *open-e*

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Data Server (DSS2)

Destination node

IP Address: 192.168.0.221

2. Configure the Destination Node

Under the „CONFIGURATION” menu, select „NAS settings”

Data (File) Replication



In the Data (file) replication agent function, check the Enable data (file) replication agent box, and click the **apply** button.

The screenshot shows the open-e web interface with the following elements:

- Header: *open-e* | ENTERPRISE CLASS STORAGE OS for EVERY BUSINESS | DATA STORAGE SOFTWARE V6
- Navigation: SETUP, CONFIGURATION, MAINTENANCE, STATUS, HELP
- Breadcrumbs: You are here: CONFIGURATION > NAS settings
- Configuration sections:
 - Enable NDMP data server: apply
 - Data (file) replication agent: Enable data (file) replication agent apply
Please apply changes or press "reload" button to discard
 - Antivirus setup: Info No shares found.
 - Local backup settings: Use local backup apply
- Footer: Event Viewer: [icon] | Data Storage Software V6 - All rights reserved

Setting up Asynchronous Data (File) Replication over a LAN *open-e*

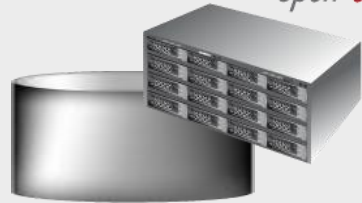
open-e

Data Server (DSS2)

Destination node

IP Address: 192.168.0.221

2. Configure the Destination Node



Under the „CONFIGURATION” menu, select „NAS resources” and „Shares”.

Shares: Copy of Data



A tree listing of NAS shared volumes (**Shares**) will appear on the left side of the DSS console. In the example, a shared volume named **Copy of Data** on **lv0000** has been created.

The screenshot shows the open-e web interface. At the top, there is a navigation menu with 'SETUP', 'CONFIGURATION', 'MAINTENANCE', 'STATUS', and 'HELP'. Below the menu, the breadcrumb path reads 'You are here: CONFIGURATION > NAS resources > Shares'. The main content area is divided into two panels. The left panel shows a tree view of NAS resources, with 'Shares' selected. The right panel is titled 'Create new share' and contains the following fields: 'Name:' with the value 'Copy of Data', 'Comment:' (empty), 'Default path:' with a dropdown menu showing '/lv0000/Copy of Data', and 'Specified path:' with a text input field containing '/'. Below these fields is a red 'apply' button. At the bottom of the right panel, there is a note: 'Please apply changes or press "reload" button to discard'. Below the 'Create new share' panel is the 'ACL (Access control list)' panel, which has tabs for 'Browser', 'Users & Groups', and 'Access Permissions'. The 'Users & Groups' tab is selected, showing a 'Selection:' field, a 'Filter:' field, and a list of volumes including 'lv0000'. The footer of the interface includes 'Event Viewer:' with an envelope icon and 'Data Storage Software V6 - All rights reserved'.

Setting up Asynchronous Data (File) Replication over a LAN *open-e*

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Data Server (DSS2)

Destination node

IP Address: 192.168.0.221

2. Configure the Destination Node

After creating the new shared volume, click on the share name, check the box **Use data (file) replication** within **Data (file) replication agent settings** function and click on the **apply** button.

Data (File) Replication



NOTE:

It is strongly recommended protecting the replication protocol with a user name and password, along with a list of allowed IP address. This will prevent other Data (file) replication tasks from accessing this share.

The configuration of the Destination Node (storage server) is now complete.

The screenshot shows the open-e web interface for configuring a share. The breadcrumb trail is: CONFIGURATION > NAS resources > Shares > Copy of Data. The 'Shares' tab is active, showing a list with '1. Copy of Data'. A blue box highlights the 'Copy of Data' entry, with an arrow pointing to the 'Data (file) replication agent settings' panel. In this panel, the checkbox 'Use data (file) replication' is checked. Below it are input fields for 'Login name:', 'Password:', 'Confirm password:', and 'Allow access IP:'. An 'apply' button is at the bottom right of the panel. Below this panel is an 'Info' message: 'NDMP data server is off!'. At the bottom of the interface, there is a 'Remove share' panel with a 'remove' button. The footer of the interface reads 'Data Storage Software V6 - All rights reserved'.

Setting up Asynchronous Data (File) Replication over a LAN *open-e*

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Data Server (DSS1)

Source node

IP Address: 192.168.0.220

3. Configure the Source Node

Under the „CONFIGURATION” menu, select „volume manager”

Volume Groups (vg00)

Add the selected physical units (Unit MD0) to create a new volume group (in this case, vg00) and click **apply** button.

The screenshot shows the open-e web interface. At the top, there is a navigation menu with 'SETUP', 'CONFIGURATION', 'MAINTENANCE', 'STATUS', and 'HELP'. The 'CONFIGURATION' menu is selected. Below the navigation menu, there is a breadcrumb trail: 'You are here: CONFIGURATION > volume manager > Vol. groups'. The main content area is divided into several sections. On the left, there is a sidebar with 'Vol. groups' and 'Vol. replication' tabs. The 'Vol. groups' tab is active. In the main content area, there is a 'Unit rescan' section with a 'rescan' button. Below that is the 'Unit manager' section, which contains a table with the following data:

Unit	Size (GB)	Serial number	Status
<input checked="" type="checkbox"/> Unit MD0	465.77	N/A	available

Below the table, there is an 'Action:' dropdown menu set to 'new volume group' and a 'Name:' text input field containing 'vg00'. There is an 'apply' button below the form. Below the 'Unit manager' section is the 'Drive identifier' section, which contains a table with the following data:

Unit	Serial number	Status
<input type="checkbox"/> Unit S001	5RY135BZ	
<input type="checkbox"/> Unit S000	9RY1GP7W	

There is an 'apply' button below the 'Drive identifier' section. At the bottom of the interface, there is an 'Event Viewer' icon and the text 'Data Storage Software V6 - All rights reserved'.

Setting up Asynchronous Data (File) Replication over a LAN *open-e*

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Data Server (DSS1)

Source node

IP Address: 192.168.0.220

3. Configure the Source Node

Volume Groups (vg00)

NAS volume (lv0000)

Select the appropriate volume group (vg00) from the list on the left and create a **new NAS volume** of the required size. This logical volume will be the source of the replication process.

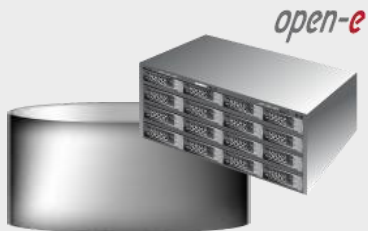
After assigning an appropriate amount of space for the NAS volume, click the **apply** button.

The screenshot shows the open-e web interface for configuring a source node. The breadcrumb trail is: CONFIGURATION > volume manager > Vol. groups > vg00. The 'Vol. groups' tab is active, showing a list with 'vg00' selected. The 'Volume manager' panel on the right displays system volumes with the following table:

System volumes	Size (GB)
SWAP	4.00
Reserved for snapshots	0.00
Reserved for system	4.00
Reserved for replication	0.00
Free	457.72

Below the table, the 'Action:' dropdown is set to 'new NAS volume'. There are checkboxes for 'Use volume replication' and 'WORM', both of which are unchecked. A slider shows the available free space from 0 to 457.72 GB. The 'add:' field is set to 40 GB. A red 'apply' button is visible at the bottom right of the configuration area. A footer note says 'Please apply changes or press "reload" button to discard'. At the bottom of the interface, it says 'Event Viewer: [icon]' and 'Data Storage Software V6 - All rights reserved'.

Setting up Asynchronous Data (File) Replication over a LAN *open-e*



Data Server (DSS1)
Source node
IP Address: 192.168.0.220

3. Configure the Source Node

Snapshot



To run the replication process, you must first define a **new snapshot** to be taken of the volume to be replicated. Snapshot size should be large enough to accommodate the changes you anticipate, 10% to 15% of the logical volume is sometimes recommend. Next, you select „Assign to volume lv0000”.

After assigning an appropriate amount of space for the **snapshot**, click the **apply** button.

The screenshot shows the open-e web interface with the following elements:

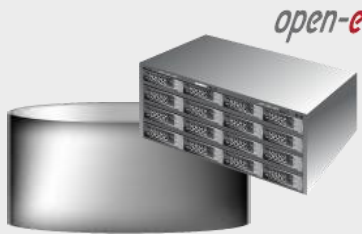
- Header: open-e | ENTERPRISE CLASS STORAGE OS for EVERY BUSINESS | DATA STORAGE SOFTWARE V6
- Navigation: SETUP | CONFIGURATION | MAINTENANCE | STATUS | HELP
- Breadcrumbs: You are here: CONFIGURATION > volume manager > Vol. groups > vg00
- Left Panel: Vol. groups (vg00) and Vol. replication
- Main Panel: Volume manager configuration for logical volume lv0000.

Logical Volume	Type	Snap.	Rep.	Init.	Blocksize (bytes)	Size (GB)
lv0000					N/A	40.00
System volumes						
SWAP						4.00
Reserved for snapshots						0.00
Reserved for system						4.00
Reserved for replication						0.00
Free						417.72

Configuration details for the snapshot:

- Action: new snapshot
- Assign to volume: Assign to volume lv0000
- Slider: 0 to 417.72 GB
- add: 4 GB
- apply button

Setting up Asynchronous Data (File) Replication over a LAN *open-e*



open-e Data Server (DSS1)
Source node
IP Address: 192.168.0.220

3. Configure the Source Node

NAS volume
(lv0000)



Snapshot

The Snapshot is now created, and has been assigned to the logical volume lv0000.

The screenshot shows the open-e web interface for configuring a source node. The breadcrumb trail is: CONFIGURATION > volume manager > Vol. groups > vg00. The interface is divided into several sections:

- Vol. groups:** Shows the selected volume group 'vg00'.
- Vol. replication:** Shows the configuration for replication.
- Reserved for replication:** Shows 0.00 reserved and 413.72 free space.
- Action:** A dropdown menu is set to 'new NAS volume'.
- Options:** There are checkboxes for 'Use volume replication' and 'WORM', both of which are currently unchecked.
- Slider:** A slider bar is shown with a value of 0 and a total of 413.72.
- add:** A field for adding space, currently set to 0.00 GB.
- Snapshot definition:** A table showing the snapshot configuration.

Name	LV	Status
snap00000	lv0000	in use/inactive

The 'apply' button is visible at the bottom of the 'Snapshot definition' section.

Setting up Asynchronous Data (File) Replication over a LAN *open-e*

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Data Server (DSS1)

Source node

IP Address: 192.168.0.220

3. Configure the Source Node

Under the „CONFIGURATION” menu, select „NAS settings”

Data (File) Replication

Check the **Enable data (file) replication agent** box, and click the **apply** button.

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SETUP | CONFIGURATION | MAINTENANCE | STATUS | HELP

You are here: CONFIGURATION > NAS settings

apply

Data (file) replication agent

Enable data (file) replication agent

apply

Please apply changes or press "reload" button to discard

Antivirus setup

Use antivirus

apply

Local backup settings

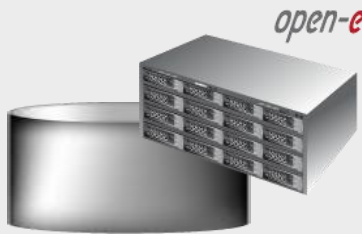
Use local backup

apply

Event Viewer: [icon]

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Setting up Asynchronous Data (File) Replication over a LAN *open-e*



open-e Data Server (DSS1)
Source node
IP Address: 192.168.0.220

3. Configure the Source Node

Under the „CONFIGURATION” menu, select „NAS resources” and Shares.

Shares: Data



To create a share, enter the share name in field Name. In this example a new share named **Data** has been created.

The screenshot shows the open-e web interface. At the top, there's a navigation menu with 'SETUP', 'CONFIGURATION', 'MAINTENANCE', 'STATUS', and 'HELP'. Below the menu, it says 'You are here: CONFIGURATION > NAS resources > Shares'. The main content area is divided into three sections: 'Shares', 'Users', and 'Groups'. The 'Shares' section is active, showing a 'Create new share' form. The form has fields for 'Name' (filled with 'Data'), 'Comment', 'Default path' (set to '/lv0000/Data'), and 'Specified path' (set to '/'). There is an 'apply' button at the bottom right of the form. Below the form is an 'ACL (Access control list)' section with tabs for 'Browser', 'Users & Groups', and 'Access Permissions'. The 'Users & Groups' tab is selected, showing a 'Selection' field, a 'Filter' field, and a list of users including '1. users'. At the bottom of the page, there is an 'Event Viewer' icon and a footer that says 'Data Storage Software V6 - All rights reserved'.

Setting up Asynchronous Data (File) Replication over a LAN *open-e*

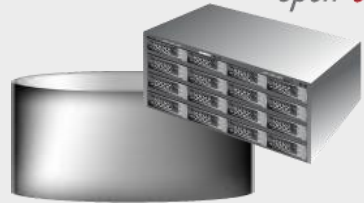
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Data Server (DSS1)

Source node

IP Address: 192.168.0.220

3. Configure the Source Node



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SETUP CONFIGURATION MAINTENANCE STATUS HELP

You are here: MAINTENANCE > backup > Data (file) replication

Backup pools Backup devices Backup tasks Data (file) rep.

Create new data (file) replication task

Task name:

Source share:

Snapshot:

Destination IP:

Destination share:

Destination agent login:

Destination agent password:

Log replication errors

Use ACL

Don't delete files

apply

Data (file) replication tasks

Info
No tasks have been found.

Event Viewer:

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After the share to be replicated has been configured, go to the „MAINTENANCE” menu and select „backup” to choose Data (file) replication.

Data (File) Replication



Setting up Asynchronous Data (File) Replication over a LAN *open-e*

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Data Server (DSS1)

Source node

IP Address: 192.168.0.220

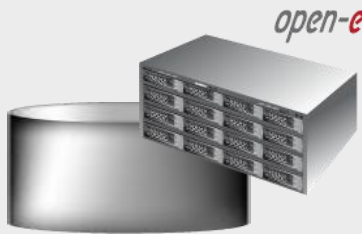
3. Configure the Source Node

Select the source share to be replicated. Under **Create new Data (File) Replication task** function, enter a name for the task and select the **Source share** to be replicated. At this point, a snapshot (**snap00000**) of the source share will automatically be assigned.

In the **Destination IP** field, enter the IP address of the destination server (in this example, 192.168.0.221) and the user name/password (if applicable) for the destination. Next, configure the **Destination share** field by clicking on the  button. In this example, the **Copy of Data** share will appear. Next click on the **apply** button.

The screenshot shows the 'Create new data (file) replication task' configuration window in the open-e web interface. The window is titled 'open-e | ENTERPRISE CLASS STORAGE OS for EVERY BUSINESS' and 'DATA STORAGE SOFTWARE V6'. The navigation menu includes SETUP, CONFIGURATION, MAINTENANCE, STATUS, and HELP. The current page is 'Data (file) replication'. The configuration form includes fields for Task name (ReplicationTask), Source share (Data), Snapshot (snap00000), Destination IP (192.168.0.221), Destination share (Copy of Data), Destination agent login, and Destination agent password. There are checkboxes for 'Log replication errors', 'Use ACL', and 'Don't delete files'. An 'apply' button is at the bottom right. A message box at the bottom says 'Data (file) replication tasks' and 'Info: No tasks have been found.'

Setting up Asynchronous Data (File) Replication over a LAN *open-e*



open-e Data Server (DSS1)
Source node
IP Address: 192.168.0.220

3. Configure the Source Node

After the DSS WEB console, has been reloaded, the new task should appear (**ReplicationTask**). Obtain additional information about a selected replication task by accessing the **Data (file) replication task** function.

The configuration of the Source Node (storage server) is now complete.

The screenshot shows the open-e web console interface. The breadcrumb navigation indicates the user is in the 'ReplicationTask' configuration page. The left sidebar contains navigation options: 'Backup pools', 'Backup devices', 'Backup tasks', and 'Data (file) rep.'. The main content area is divided into two sections. The top section, 'Data (file) replication task', displays a table of configuration attributes and values. The bottom section, 'Create schedule for data (file) replication task', provides fields for a comment, time selection, and interval, along with an 'apply' button. At the bottom, an 'Info' message states 'No schedules found.' The footer includes an 'Event Viewer' icon and the text 'Data Storage Software V6 - All rights reserved'.

Attribute	Value
Destination IP:	192.168.0.221
Source share:	Data
Snapshot:	snap00000
Destination share:	Copy of Data
Log replication errors:	Yes
Use ACL:	Yes
Don't delete files:	No

Comment:

Select time:

Interval:

i Info
No schedules found.

Setting up Asynchronous Data (File) Replication over a LAN *open-e*

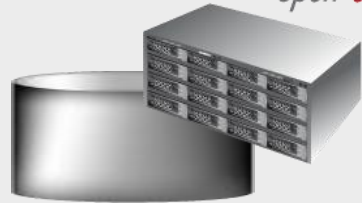
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Data Server (DSS1)

Source node

IP Address: 192.168.0.220

4. Configure schedule replication



Using the **Create schedule for data (file) Replication task** function, set the desired replication schedules or explicitly start, stop and delete Data (File) Replication tasks, as desired.

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SETUP | CONFIGURATION | MAINTENANCE | STATUS | HELP

You are here: MAINTENANCE > backup > Data (file) replication > ReplicationTask

Backup pools

Backup devices

Backup tasks

Data (file) rep.

ReplicationTask

Use ACL: Yes

Don't delete files: No

Create schedule for data (file) replication task

Comment: EveryHour

Select time: Interval

Interval: 1h time period

apply

Please apply changes or press "reload" button to discard

Schedule for data (file) replication task

Info

No schedules found.

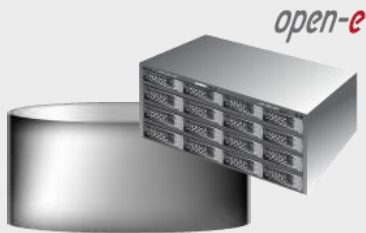
Remove data (file) replication task

remove

Event Viewer: [icon]


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Setting up Asynchronous Data (File) Replication over a LAN *open-e*






open-e Data Server (DSS1)
Source node
IP Address: 192.168.0.220

5. Check the status of Data (File) Replication

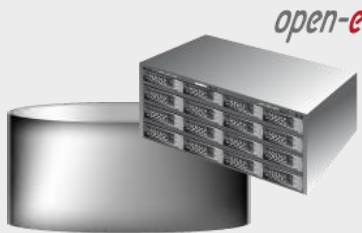
In **Data (file) replication tasks** function set the desired Data (File) Replication to start, stop and delete tasks. Click on the  button with task name (in this case **ReplicationTask**) to display detailed information on the current replication task (the replication task running at 9 pm).

The screenshot shows the open-e web interface for Data Storage Software V6. The navigation menu includes SETUP, CONFIGURATION, MAINTENANCE, STATUS, and HELP. The current page is MAINTENANCE > backup > Data (file) replication. The left sidebar contains links for Backup pools, Backup devices, Backup tasks, and Data (file) rep. The main content area is divided into two sections. The top section is for configuration, with fields for Source share, Snapshot, Destination IP, Destination share, Destination agent login, and Destination agent password. It also has checkboxes for Log replication errors, Use ACL, and Don't delete files, and an apply button. The bottom section is titled 'Data (file) replication tasks' and contains a table with columns for Name, Start time, and Action. A task named 'ReplicationTask' is listed with a start time of 2011-09-07 21:00:05 and a green status indicator. Below the table, the configuration details for the selected task are shown.

Name	Start time	Action
ReplicationTask	2011-09-07 21:00:05	  

Destination IP:	192.168.0.221
Source share:	Data
Snapshot:	snap00000
Destination share:	Copy of Data
Destination agent login:	
Log replication errors:	yes
Use ACL:	yes
Don't delete files:	no

Setting up Asynchronous Data (File) Replication over a LAN *open-e*



open-e Data Server (DSS1)
Source node
IP Address: 192.168.0.220

5. Check the status of Data (File) Replication

To obtain detailed information about the progress of Data (File) Replication tasks, under the „STATUS” menu, select „tasks”. Next click Data (File) Replication tasks and select the Task.

The screenshot shows the open-e web interface with the following elements:

- Header: open-e | ENTERPRISE CLASS STORAGE OS for EVERY BUSINESS | DATA STORAGE SOFTWARE V6
- Navigation: SETUP | CONFIGURATION | MAINTENANCE | STATUS | HELP
- Breadcrumb: You are here: STATUS > tasks > Data (File) Replication
- Left Panel (Tasks):
 - Backup
 - Restore from backup
 - Data (File) Replication** (selected)
 - Antivirus
 - Volume Replication
 - Snapshots
- Right Panel (Running tasks):

Name	Type	Start time
ReplicationTask	Data (file) replication	2011-09-07 21:00:05
- Right Panel (Tasks log):

Time	Name	Type	Status	Action
2011-09-07 21:00:30	ReplicationTask	Data (file) replication	OK	Started
- Footer: Event Viewer: [icon] | Data Storage Software V6 - All rights reserved

Setting up Asynchronous Data (File) Replication over a LAN *open-e*

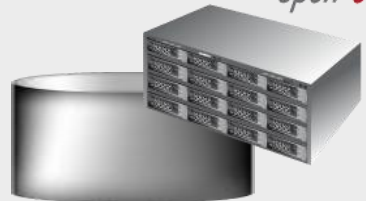
open-e

Data Servers (DSS1 and DSS2)

Source and Destination node

IP Address: 192.168.0.220 and 192.168.0.221

5. Check the status of Data (File) Replication

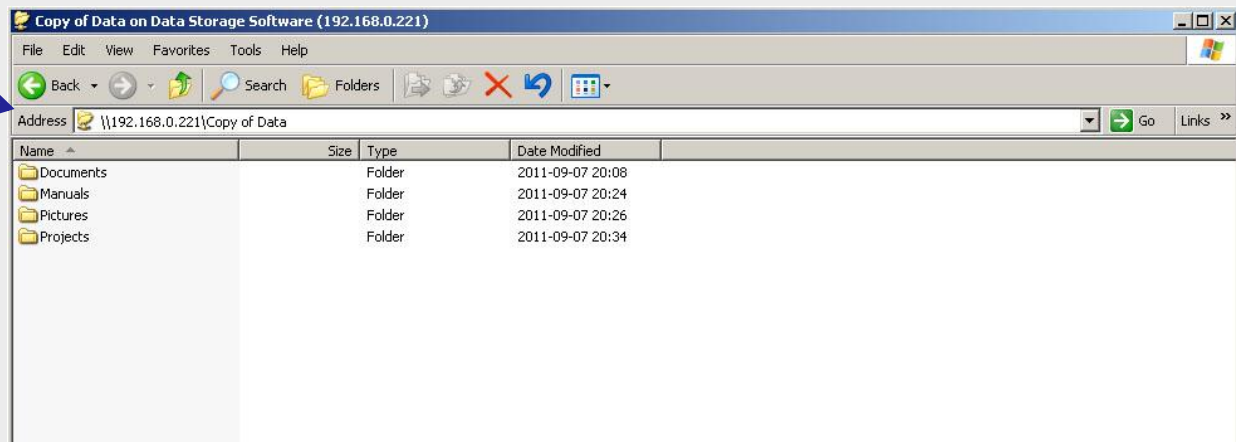
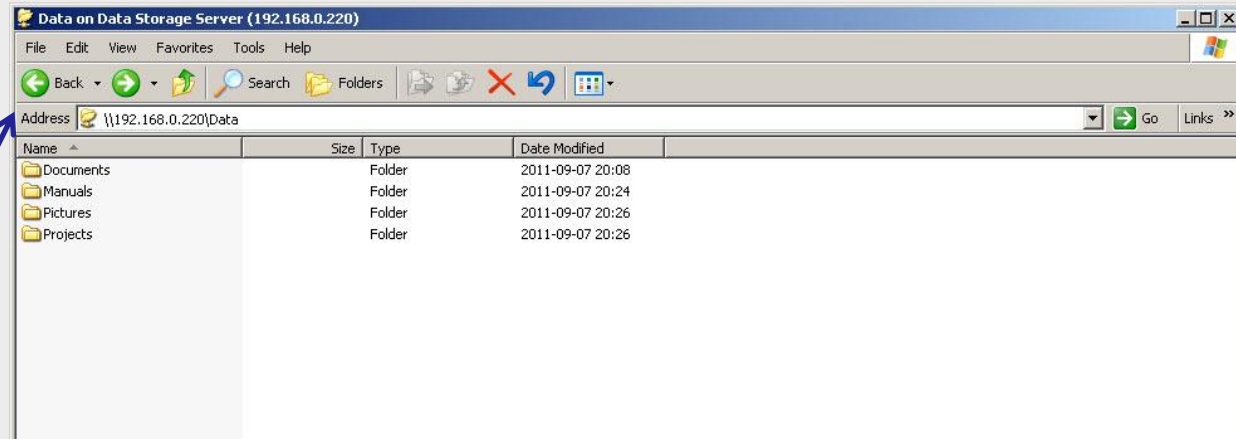


Share: Data



After the end of the Data (File) Replication task all data from the „Data“ share are available on the “Copy of data” share.

Share: Copy of Data



The configuration of the source and destination nodes for asynchronous Data (File) Replication is now complete.

Thank you!