

System

(2) Help

- 1. From the Reload server launch YaST by clicking the "Computer" button on the task bar and select "YaST" under "System".
- 2. From the "Network Services" group select "NFS Server".
- 3. Select "Start" in the "NFS Server configuration".
- 4. Click "Next".
- 5. Click "Add Directory".

6. Add the directory of the Post Office backup which is located here:

/reload/gwpo1

V-ST C	ontrol Center
Filter	Network Servi
nfs Q	NFS Client
Groups	
Network Services	NFS Server
Help Cancel	Back Next
Directories 🗡 Bind	Imount Targets
Add Directory	idit Delete

OK

Cancel

7. When prompted in the next dialog for the Hosts Wild Card and Options, add the following:

Hosts Wild Card = *

Options = rw,sync,no_root_squash,fsid=0

If you want to export multiple Post Office backups make sure to assign a unique fsid for each export.

- 8. Click "OK".
- 9. Check if the settings for the export are correct.
- 10. Click "Finish".

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Host Wild Card	
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Options	
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Add Host	rw.sync.no_ro	ot_squash,fsid=0

Terminal

File Edit View Terminal Help

srv-gw:~ # cd /mnt/backup/

srv-gw:/mnt/backup #

srv-gw:~ # mkdir /mnt/backup

- 11. Switch to the GroupWise server.
- 12. Open a terminal console and create a directory to be used as the NFS Client mount point.

mkdir /mnt/backup

- 13. Start "YaST".
- 14. Select the "Network Services" group and open the "NFS Client".



15. Click "Add".

NFS Client Configuration

16. For the "NFS Server Hostname", enter the Reload server IP:

172.17.2.230

For the "Remote Directory", click "Select".

"/reload/gwpo1" should show up in the "Exported Directories" dialog. Choose "/reload/gwpo1" and click "OK".

Select the Mount Point. Browse to the previously created directory "/mnt/backup". If you did not create the "backup" directory yet, you need to create it first before you can continue.

Leave "Options" at "defaults".

Click "OK".

17. Verify the settings and click "Finish".

	YaST2	×
NFS Server Hostname 172.17.2.230 ✓ Ch NFSv4 Share □ oNF	Remote Directory	Select
Mount Point (local) /mnt/backup Options		Browse
defaults Help	<u> </u>	Cancel OK

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erver	~	Remote Directory	Mount Point	NFS Type	Options
72.17.2	230	/reload/gwpo1	/mnt/backup	nfs	defaults
Add		Edit	Delete		
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18. Launch the "GroupWise Admin console" from the desktop.

Login as "admin" with the password "gwava".

- 19. In the "Administration" menu go to "System".
- 20. Select "Restore Area Management".

Post Offices

Post Office Agents

- 🗧 Internet Agents

Message Transfer Agents

🛍 Recover Deleted Account

📸 Restore Area Management

System Preferences

Time Zones

re" tab and go to		Overview		Backups
Less to backups .	C	S Conf	igure	Prefe
		Cont	igure	User
07.12.	2015			

22. Create the Restore Area with the following settings:

Name: GWPO1-Reload

Path: /mnt/backup/connect/restore

Linux Path: /mnt/backup/connect/restore

- 23. Select the "Membership" tab.
- 24. Click "Add".

Reload for GroupWise - Lab 5

- 25. Select "gwpo1" under "Post Offices".
- 26. When the PO was added click "OK".
- 27. Click "OK" to create the Restore Area.
- 28. Check if the Restore Area was created successfully and close the GW Admin Console.
- 29. Return to the Reload Server
- 30. Open Firefox and select the "GWPO1" profile from the Reload Home page.
- 31. Select the "Configur "Configure User Acc



Linux Path (conditional): /mnt/backup/connect/restore

New Restore Area

Restore Areas

General Mei	nbership			
Add Rem	ove			
Name		Do	main	
	bA	d Post Office(s)	or User(s) or Resource(s)
	, is			o, et i (coo al co(c)).
Select GroupWise Obje	ct			Close 🗴
	(@ s	earch Post Office Name		
Name	Domain	Description		
gwpo1	gwdom			Post Offices
gwpo2	awdom			OUsers
				O Resources
New) Delete	Description		Path	
GWP01-Reload			/mnt/backup	/connect/restore
Post Offic	e Profiles	Statu	s	
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Overview	Backups	🚙 Disaster Re	covery	Configure
S Config	gure Prefere	ences		

Access to Backups

21. Click "New" to create a Restore Area.

32. Enable following settings, if they are not enabled yet:

"Load the Access Mode GW POA".

For the Access Mode the IP address and port also need to be configured.

"Link Backup to Restore Area".

"Auto-Reload".

"Auto-Restore".

Make sure to click on "Save" for each changed setting.

"Auto-Reload" and "Auto-Restore" make sure that the latest backup will be loaded into the Restore Area automatically. Users will always have access to the latest backup, without contacting the Reload administrator.

- 33. Select the "Backups" tab.
- 34. Click "Turn On Access to the Most Current Backup".
- 35. A message will show up that the access to the latest backup was enabled and that the backup will be linked to the restore area.
- 36. Click on the blue arrow button to return to the profile.
- 37. Switch to the Windows VM.
- 38. Open the GroupWise Client.

The client should ask for the password. Type in "gwava".

If you are asked for the user, login as "fnurk".

Configure User Access to Backups
Configure All Profiles
() Use This Section to Configure What Happens When Access to a Backup is Turned On
Load the Access Mode GroupWise POA: Enabled Edit
Access Mode POA TCP/IP Address: 172.17.2.230 Edit Client/Server Port: 1677 Edit
POA HTTP Configuration
POA SOAP Configuration
Link Backup to Restore Area: Enabled Edit
● [Auto-Reload] 🔿 Load the Most Recent Backup: Enabled 🗾 Save





GroupWise Password	
Password:	
••••	
	OK Cancel

39. Select 2 or 3 mails.

Right click and select "Delete and Empty" or hit "Shitf+Delete" on the keyboard.

- 40. Click "Yes" in the following dialog to confirm the deletion.
- 41. Click on "File" in the GroupWise Client menu bar and select "Open Backup".

- 42. The mails that were just deleted should be visible in the backup.
- 43. Select the deleted mails.

Right click and select "Restore".

Sav	e	A	S
	~		

Print... Find in 'Mailbox' folder...

Forward as Attachment Delete

Delete and Empty

Archive





From	Subject
"R("D "B	Save As Print Find in 'Mailbox' folder Restore



44. Return to the live mailbox.

Click on "Backup" and select "Nurk".

45. Check if the messages that were restored are in the live mailbox again.