

 Disaster Recovery should be configured before a disaster occurs, so there are only few steps required in case of an actual disaster on your GroupWise server.

On the Reload Home page select the "GWPO1" profile to configure the Disaster Recovery (DR) options for the Post Office profile.

2. Select the "Configure" tab.



3. Click on "Configure Disaster Recovery [FAILOVER]".

| Overview | Backups | 🚓 Disaster Re | ecovery | Configure | Event Log |
|-------------|---------------|---------------|--------------|-----------|-----------|
| S Conf | gure Prefer | ences | | | |
| Conf | igure User A | ccess to Ba | <u>ckups</u> | | |
| Conf | gure Backu | p Job Settin | <u>gs</u> | | |
| S Conf | gure Backu | p Connectiv | ity to Post | Office | |
| Real Conf | igure Disast | er Recovery | [FAILOV | ER] | |
| | | | | | |
| | e Disaster Re | covery [FAIL | OVER] | | |
| 🎲 Configure | All Profiles | | | | |

4. Set each of the Unconfigured options to the following. Since Reload 4.1 the settings are configured by default but the values should be verified.

Disaster Recovery POA Settings TCP/IP Address: 172.17.2.230 Client/Server Port: 1677

Outbound Message Transfer Port (Domain MTA) (MTP) Address: 172.17.2.230 Port: 7100

| POA HTTP Config | guration |
|-----------------|----------|
| HTTP: | Enabled |
| Port: | 7181 |

To change the Unconfigured settings click on "Edit".

Make sure to hit the "Save" button after you changed the setting.

Use This Section to Configure What Reload Does When Disaster Recovery [FAILOVER] is Enable Disaster Recovery POA Settings TCP/IP Address: 172:172:130 Save Client/Server Port: Unconfigured Edit Inbound Message Transfer Port (MTP): Unconfigured Edit Outbound Message Transfer Port (Domain MTA) (MTP) Address: Unconfigured Edit Port: Unconfigured Edit POA HTTP Configuration HTTP: Disabled Edit Port: Unconfigured Edit Authentication: Disabled Edit Username: Unconfigured Edit Password: """" Edit POA SOAP Configuration Failover Settings Advanced Failover Settings

- 5. When all settings are saved check if everything was set correctly.
- 6. Your Reload Post Office backup is now ready to stand in place of the live Post Office, if a disaster occurs and the live PO is no longer available.

Configure Disaster Recovery [FAILOVER]

🎲 Configure All Profiles

- Use This Section to Configure What Reload Does When Disaster Recovery [FAILOVER] is Enabled
- Disaster Recovery POA Settings
- TCP/IP Address: 172.17.2.230 Edit Client/Server Port: 1677 Edit
- e Inbound Message Transfer Port (MTP): 7101 Edit
- Outbound Message Transfer Port (Domain MTA) (MTP) Address: 172.17.2.230 Edit Port:
 7100 Edit
- POA HTTP Configuration

HTTP: Enabled Edit Port: 7181 Edit

Authentication: Disabled Edit Username: Unconfigured Edit Password: ******* Edit

POA SOAP Configuration
 Failover Settings

Advanced Failover Settings

7. To simulate a disaster on the live Post Office unload the GW agents.

Switch to the GroupWise server and open a terminal session.

8. Type "rcgrpwise stop"

This will unload all of the GroupWise agents.

9. On the Windows VM start the GroupWise client from the desktop and verify that the Post Office is down.

| Terminal | |
|--|------|
| <u>File Edit View Terminal Tabs Help</u> | |
| gwts64:~ # rcgrpwise stop Shutting down [gwpol.gwdom] | done |
| Shutting down [gwpo2.gwdom] | done |
| Shutting down [gwdom] | done |
| Shutting down [gwia.gwdom] | done |

| <u>U</u> ser name (Required): | fnurk | | |
|--------------------------------|---------------|----------------|------|
| Password: | ••••• | | |
| Online <u>A</u> ddress: | 172.17.2.241 | Por <u>t</u> : | 1677 |
| O Caching mailbox path: | 0 | | |
| 🔿 <u>R</u> emote mailbox path: | | | |
| Jnable to connect to the T | CP/IP address | | |

- 10. Return to the Reload server.
- 11. Select the "Disaster Recovery" tab.
- 12. Click on "[FAILOVER]" to enable the Disaster Recovery mode.
- 13. Alternatively you could enable the Disaster Recovery mode by clicking the ambulance button for the PO profile on the Reload Home page.

Keep in mind that the DR mode has to be configured before you can enable it.

| Overview | Backups | Disaster Recovery | Configure | 550 Event Log | Agent Log |
|-----------|-------------------|--------------------------|--------------------|------------------|-----------|
| Se Pust | n-Button Disa | ister Recovery | | | |
| | ILOVER] - TURN | ON DISASTER RECOVER | Y MODE Using Cur | rent Backup [WE | DMAR05] |
| 🦧 2. [MI | GRATE] - Migrate | Post Office Contents Ba | ack to a Productio | n Server | |
| 🥰 3. [FA | ILBACK] - Turn C | ff Disaster Recovery Mod | de And Return to P | Normal | |
| HELPI | | | | | |
| | | | | | |

💂 Monillor 🌔 Overview 📝 Configure 👼 Event Log 🔍 Agent Log

| 😑 System Health: All Profiles Ar | e Functioning Correctly. | 🎭 Reload Jobs Running: (|
|----------------------------------|--------------------------|------------------------------|
| Post Office Profiles Status | Actions | Description |
| 🕘 <u>1. gwpo1</u> | VEDMAR05 | gwpo1 |
| Domain Profiles Status | Action: Clic | to TURN ON DISASTER RECOVERY |

14. A message will show up that the Disaster Recovery Mode has been turned on.

Reload will now load the GroupWise POA against the latest backup.

Click on the blue arrow button to return to the overview.

15. From the Post Office profile overview you can see that Disaster Recovery is enabled. Make sure that the latest backup is loaded in the Disaster Recovery POA

The Reload Home page will also indicate that the profile is running in Disaster Recovery mode.

- 16. A well designed network and GroupWise system will have all of the servers and agents using host names instead of IP addresses. The advantage of host names becomes apparent during the next step. In a non-lab environment the GroupWise client would use a DNS server to resolve the host name of the POA in order to make a connection.
- 17. Switch to the Windows VM.
- 18. The GroupWise client needs to connect to the DR POA on the Reload server instead of the GW server.

Open GroupWise and type in the IP-Address of the Reload server: 172.17.2.230

Login as "fnurk".

19. Send a test message to "Nurk, Fred".

You could use "Disaster Recovery Test" in the subject. Send more test mails if you like.

Close the GroupWise client after the mail was sent and received.



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| s the backup |
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- 20. We have now solved the problem that took our production Post Office offline but before bringing it back online we need to migrate the new mails that were received while running DR mode.
- 21. Return to the Reload Server.
- 22. The migration step can't be run from the Reload web interface and needs to be run from the Reload Administration console.

Open "[GNOME] GWAVA Reload Administration" from the desktop or type "reload" in the console.

- 23. Click on "Profiles".
- 24. Select "POST OFFICE PROFILE".
- 25. In the Post Office Profile select "Disaster-Recovery".
- 26. Click on "Enable".
- 27. Select "MIGRATE".





28. The first step of the migration will sync newer files in OFFILES from the Reload server to the production server.

Select "Step #1 - Start PRE-MIGRATION Job".

29. Select "The Most Current Backup".

Make sure that the Terminal window is big enough if you can't see the option to select a backup.

30. Because the production server is on Linux we need to transfer the newer files via NFS.

Select "NFS/Linux Server".

31. Enter the IP address of the production GroupWise server. In this case type in following IP Address:

172.17.2.240

| Higration Agent Job Status [10 Migration Job is Bunning] Choose a step only after the preceding step has fully completed. Choose using [UP] [DOWN], [Enter] to Select Fifthe Understanding What to Do Here Fifthe Understanding What to Here Here Hitcher Prove POA Status Fifthe Understanding What to Here Here Hitcher Prove POA Status Fifthe Disaster Recovery POA is Loaded, that is not a problem, if your Fifthe Disaster Recovery POA is Loaded, that is not a problem, if your Fifthe Disaster Recovery POA is Loaded, that is not a problem, if your Fifthe Disaster Recovery POA is Loaded, that is not a problem, if your Fifthe Disaster Recovery POA, is Loaded, that is not a problem, if your Fifthe Disaster Recovery POA, is Loaded, that is not a problem, if your Fifthe Disaster Recovery POA, is Loaded, that is not a problem, if your Fifthe Disaster Recovery POA, is Loaded, that is not a problem, if your Fifthe Disaster Recovery POA, is Loaded, the Here Here Here Here Here Here Here He | | NICRAIN Delead Pact (| Affice Packup Main Menu | |
|---|--|---|--|---|
| <pre>(No Magnetic Nob is Running] Choose a step only after the preceeding step has fully completed. Choose using [UP] [DOWN], [Enter] to Select</pre> | | Migration Ad | ent Job Status | |
| choose a step only after the preceding step has fully completed. choose using [UP] [DOWN], [Enter] to Select A Refresh This Screen H Help Understanding what to Do Here Profile Migration Log Step #2 - Start FINAL (FULL) MIGRATION Job (GFILLS directory data only) Step #2 - Start FINAL (FULL) MIGRATION Job (GFILLS directory data only) Step #2 - Start FINAL (FULL) MIGRATION Job (GFILLS directory data only) Step #2 - Start FINAL (FULL) MIGRATION Job (GFILLS directory data only) C C C C C Back > Main Henu> C C C C C C C C C C C C C C C C C C C | | [No Migration | Job is Running] | |
| <pre>choose using [UP] [DOWN], [Enter] to Select F Refresh This Screen H Help Understanding what to Do Here Profile Migration Log Step #1 - Start PRE-MIGRATION Job (OFFILTS directory data only) Step #2 - Start FINAL (FULL) MIGRATION Job (All post office data) V View Profile Migration Log, Profile Event Log or System Agent Log C C C C C C C C C C C C C C C C C C C</pre> | Choose a step | only after the preces | ding step has fully completed. | |
| <pre>Refresh This Screen H Help Understanding What to Do Here L Profile Migration Log Step 21 - Start PRE-MIGNATION Job (OFFILES directory data only) Step 32 - Start PINAL (FULL) MIGRATION Job (all post office data) V view Profile Migration Log, Profile Event Log or System Agent Log C C C C C C C C C C C C C C C C C C C</pre> | Choose using | [UP] [DOWN], [Enter] † | o Select | |
| <pre></pre> | R Refresh Tl H Help Under L Profile M: Step #1 - 2 Step #2 - 3 Step #3 - V View Prof: | is Screen standing What to Do H gration Log Start PRE-MIGRATION Unload Disaster Recov Start FINAL (FULL) MI ile Migration Log, Pro | lere ob (OFFILES directory data only rery POA if Running [Running GRAIION Job (all post office da file Event Log or System Agent I |] ta) _og |
| <pre>Post Office Profile: GMPOL Backup Selection Hemp Disaster Recovery POA Status [Reming] The Following Backup is Currently Loaded: [MEDMARDS] Choose the SOURCE backup set to migrate in Rost Current Backup, Current the Disaster Recovery POA is loaded, that is not a problem, if you performing the PRE-MIGRATION, you will generally want to unload are assured that no updates are being made to the Post Office on the Reload server. This way when the migration has completed, the live server where you migrate the post office data to is just as up-to-d as the Reload server. Choose using [UP] [DOWN], [Enter] to Select Select the Server Platform Choose Using [UP] [DOWN], [Enter] to Select Choose the DESTINATION Server Platform Choose the DESTINATION Server Platform of the server to which the data will be restored to. 1 NCP/NetWare Server 2 NetWare Cluster Resource 5 SAMBA/Windows Server 6 Local - A path on this Linux Server 6 Local - A path on this Linux Server 2 NetWare Server 3 Cancel > 2 NetWare Server 4 Linux Cluster Resource 5 SAMBA/Windows Server 7 Choose Server Server Server 7 Choose Server Server</pre> | < | 0 <mark>K ></mark> < Ba | ick > <main menu=""></main> | |
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| Choose using [UP] [DOWN], [Enter] to Select The Most Current Backup - (WEDMARDS) Browse to Backup Location Choose Using [UP] [DOWN], < Cancel> Choose Using [UP] [DOWN], < Next > to Select Choose the DESTINATION Server Platform of the server to which the data will be restored to. NCP/NetWare Server NetWare Cluster Resource NFS/Linux Server A Linux Cluster Resource S SAMBA/Windows Server C Local - A path on this Linux Server Cancel > Choose Local - A path on this Linux Server C Cancel > Choose Local - A path on this Linux Server C Cancel > Choose Local - A path on this Linux Server C Cancel > C Next > | Generally you the Disaster performing th are performin the Disaster are assured t Reload server server where as the Reload | will want to migrate Recovery POA is loade e PRE-MIGRATION of th g the FULL-MIGRATION, Recovery POA. By unlo hat no updates are be . This way when the m you migrate the post server. | d, that is not a problem, if you e OFFILES directory. However, i you will generally want to unluading the Disaster Recovery PO/ ing made to the Post Office on iggration has completed, the liv office data to is just as up-to | ontl ou a f y .oac , y the /e o-da |
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| <pre><</pre> | E B | Browse to Bac | kup Location | |
| <pre>Select the Server Platform Choose Using [UP] [DOWN], < Next > to Select Choose the DESTINATION Server Platform of the server to which the data will be restored to. NCP/NetWare Server NES/Linux Server NES/Linux Cluster Resource SAMBA/Windows Server Local - A path on this Linux Server Cancel > </pre> | | | | |
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| 4 Linux Cluster Resource 5 SAMBA/Windows Server 6 Local - A path on this Linux Server < Next > < Cancel > | | FS/Linux Serve | | |
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| < N <mark>ext ></mark> < Cancel > | 6 L | ocal - A path (| on this Linux Server | |
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| | | < Nort > | < Cancel > | |
| | | | | |
| | | NFS/Linux Ser | ver IP Address | |
| NFS/Linux Server IP Address | Choose < Next | > to Accept | | |
| MFS/Linux Server IP Address Choose < Next > to Accept | In the field DESTINATION s | below type the NFS/Linerver that the GroupW | | |
| MFS/Linux Server IP Address Choose < Next > to Accept In the field below type the NFS/Linux Server IP Address for the DESITMATION server that the GroupWise post office data will be resto | | | | |
| MFS/Linux Server IP Address Thoose < Next > to Accept In the field below type the NFS/Linux Server IP Address for the DESTINATION server that the GroupWise post office data will be reste | Example: 100 | 10.1.10 | | |

| ple: | 100.10.1.10 | |
|-------|-------------|--|
| .17.3 | 2,240 | |

< Next >

< Cancel >

172

32. Enter the path of the post office directory on the production server:

/groupwise/gwpo1

| Input Post Office Linux Path |
|--|
| Choose < Next > to Accept |
| In the field below, type in an EXISTING Linux path to where the GroupHise post office data should be migrated to. Make sure to specify the correct directory name case, (uppercase vs. lowercase). |
| Example: /data/restorepo |
| /groupwise/gwpol |
| < Next > < Cancel > |
| Migration Job Created |

33. The migration job has been created.

Click "OK".

| Migration Job Created |
|--|
| |
| The migration job has been queued up for profile: |
| GWP01 |
| |
| If no other migration job is running this migration job will start within a minute. |

0K

34. The "Active Migration Log" will open.

Click on "Exit" when the migration is finished.

- 35. You are now ready for second step of the migration.
- 36. Select "Step #2 Unload the Disaster Recovery POA".

| University | recourd | i i o i fee. | OIL OT | ne crie | interior Log | |
|------------------|----------|--------------|-----------|---------|----------------|----------------|
| DATE: Thu_Mar_06 | TIME: 10 | :28:28 - | [MIGRATE | ADMIN] | Request: Step | #1 - Start P |
| DATE: Thu_Mar_06 | TIME: 10 | :28:28 - | [MIGRATE | ADMIN] | Job Created a | and Queued |
| DATE: Thu_Mar_06 | TIME: 10 | :28:28 - | [MIGRATE | ADMIN] | NOTE: It May | Take a Couple |
| DATE: Thu_Mar_06 | TIME: 10 | :28:55 - | [MIGRATE] | ++ ST/ | ARTING MIGRATI | ON FOR PROFIL |
| DATE: Thu_Mar_06 | TIME: 10 | :28:55 - | [MIGRATE] | Job Ty | /pe: PRE-MIGR4 | TION of Post |
| DATE: Thu_Mar_06 | TIME: 10 | :28:55 - | [MIGRATE] | Migra | ting Backup: [| WEDMAR05] |
| DATE: Thu_Mar_06 | TIME: 10 | :28:55 - | [MIGRATE] | Source | e Location: | ./weeknow/wed |
| DATE: Thu_Mar_06 | TIME: 10 | :28:55 - | [MIGRATE] | Destin | nation Server | Type: Linux S |
| DATE: Thu_Mar_06 | TIME: 10 | :28:55 - | [MIGRATE] | Destin | nation Locatio | on: /media/nss |
| DATE: Thu_Mar_06 | TIME: 10 | :28:57 - | [MIGRATE] | Start: | ing Migrating | OFFILES Direc |
| DATE: Thu_Mar_06 | TIME: 10 | :28:58 - | [MIGRATE] | Skippe | ed Lowercasing | the DESTINAT |
| DATE: Thu_Mar_06 | TIME: 10 | :28:59 - | [MIGRATE] | Now M: | igrating the E | LOBS Director |
| DATE: Thu_Mar_06 | TIME: 10 | :29:15 - | [MIGRATE] | Finis | ned Migrating | OFFILES Direc |
| DATE: Thu_Mar_06 | TIME: 10 | :29:15 - | [MIGRATE] | OFFILE | ES Migration F | Nun Time: 18 S |
| DATE: Thu_Mar_06 | TIME: 10 | :29:25 - | [MIGRATE] | Comple | eted PRE-MIGR4 | TION Migratio |
| DATE: Thu_Mar_06 | TIME: 10 | :29:25 - | [MIGRATE] | ++ FI1 | VISHED MIGRATI | ON FOR PROFIL |
| DATE: Thu_Mar_06 | TIME: 10 | :29:26 - | [MIGRATE] | TOTAL | TIME TO FINIS | Ж: 31 Seconds |
| | | | | | | |
| | | | < Exit > | | | |
| | | | | | | |
| | | | | | | |
| 11 | | load Dost | Office | Backup | Main Menu | |

| | | Migration Ag | ent Job Statu | IS | |
|----------------------------|--|----------------------------------|--------------------------------|------------------------|------------------------------|
| | [| No Migration | Job is Runni | ng] | |
| ose a s | step only af | ter the precee | ding step has | fully co | mpleted. |
| ose usi | ing [UP] [DO | WN], [Enter] t | o Select | | |
| Refres Help L Profil | sh This Scre Jnderstandin le Migration | en g What to Do H Log | ere | | |
| Step # | #1 - Start P #2 - Unload | RE-MIGRATION J Disaster Recov | ob (OFFILES c ery POA if Ru | lirectory (| data only) Running |
| Step # View F | #3 - Start F Profile Migr | INAL (FULL) MI ation Log, Pro | GRATION Job (file Event Lo | all post ig or Syst | office data) em Agent Log |
| | | | | | |

< Back >

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<Main Menu>

Cho

Cho R H L 1 3 V 37. Choose "Unload".

| Choose using [UP] [DOWN], [Enter] to Select | This Backu | Disaster Recovery POA Status [<mark>Running</mark>]] p is Loaded in Disaster Recovery Mode: [MEDMAR05] |
|--|--|--|
| ••••• [POA TCP/IP Address and Port Configuration] Address [172.17.2.130] Cland Disaster Recovery POA IP Address [172.17.2.130] Cland Disaster Recovery POA Client Port [1677] High HTP Configuration/Port: [7181] Step SOAP Configuration/Port: [7181] Disaster Recovery POA MTP Port [7100] Minit Domain MTA to POA IP Address / Port Configuration] Minit Domain MTA TCP/IP or DNS Address [172.17.2.130] Minit Domain MTA TCP/IP or DNS Address [172.17.2.130] Minit Domain MTA TCP/IP or DNS Address [172.17.2.130] Minit Domain MTA TCP/IP or DNS Address [172.17.2.130] Minit Domain MTA TCP/IP or DNS Address [172.17.2.130] Minit Domain MTA TCP/IP or DNS Address [172.17.2.130] Minit Domain MTA TCP/IP or DNS Address [172.17.2.130] Scottage [0 ther Features] [200.100] Scottage Edit the Disaster Recovery POA Startup File [200.100] Load the Disaster Recovery POA [300.000] [300.000] Inload | Choose usi | ng [UP] [DOWN], [Enter] to Select |
| | A thread C Sand H Str S M S M M Stat M M M Stat S M M Stat S M M M Stat S M M M S M M S M M M M | [POA TCP/IP Address and Port Configuration] Disaster Recovery POA IP Address [172.17.2.130] Disaster Recovery POA Client Port [1677] HTTP Configuration/Port: [7181] SOAP Configuration/Port: [7180] Disaster Recovery POA MTP Port [7100] [Domain MTA to POA IP Address / Port Configuration] Domain MTA to POA IP Address / Port Configuration] Domain MTA TCP/IP or DNS Address [172.17.2.130] Domain MTA MTP Port [7100] [Other Features] Edit the Disaster Recovery POA Startup File Load the Disaster Recovery POA UnLoad the Disaster Recovery POA Refresh this Screen (To Update POA Startus) |

38. Click "Yes" to stop the POA on the Reload Server.

| | Stop | the | GroupWis | se PO | A? | | |
|-------------------------------|--------|------|----------|-------|-------|-----|-----|
| Stop the profile: GWPO1 | Currer | ntly | Running | Grou | pWise | POA | for |
| | < | es : | | < No | > | | |

39. Select "OK".

GroupWise POA Stopped The GroupWise POA (Disaster Recovery) Was Stopped for profile: GWPO1 COMPO1

> Disaster Recovery POA Status [Not Running]

> > < B<mark>ack ></mark>

< 0K >

A Configuration Main M

<Main Menu>

- 40. You can see the Disaster Recovery POA is not running anymore.
- 41. Click on "Back".
- 42. Select "Back" again in the next menu.
- 43. You should see the "CONFIGURE Post Office Profile Disaster Recovery Mode" menu.

Choose "ENABLE".

| (1. Turning On Disaster Recovery) [<mark>FAILOVER</mark>] Disaster Recovery Failover Settings |
|--|
| [moments] (2. Migrating to a Production Server) [moments] Configuration Settings |
| (3. Turning Off Disaster Recovery) [FAILBACK] Configuration Settings |
| (ENABLE) Disaster Recovery Mode ENABLE Main Menu |

44. Open the "MIGRATE" menu again.

| ENABLE Post Office Profile Disaster Recovery Mode |
|---|
| Disaster Recovery Mode Status |
| [FAILOVER Enabled] |
| Choose using [UP] [DOWN], [Enter] to Select |
| 1 [FAILOVER] - TURN ON DISASTER RECOVERY MODE |
| 2 [MIGRATE] - Post Office to a Production Server |
| 3 [FAILBACK] - Turn off Disaster Recovery Mode |
| C (CONFIGURE) - Configure Disaster Recovery Mode |
| L |
| <mark>< 0X ></mark> <profile menu=""></profile> |

45. The final step of the migration is to do a cold copy of all the user and message databases along with any other files in the OFFILES that recently came in. GroupWise should be stopped for this step.

Because most of the files in OFFILES were already sync'd during the premigration the total down time should be minimal.

- 46. Select "Step #3 Start FINAL (FULL) MIGRATION Job..."
- 47. Choose "The Most Current Backup".

This should be getting familiar.

48. Select "NFS/Linux Server".

| MIGRATE Reload Post Office Backup Main Menu |
|---|
| Migration Agent Job Status |
| [No Migration Job is Running] |
| Choose a step only after the preceeding step has fully completed. |
| Choose using [UP] [DOWN], [Enter] to Select |
| R Refresh This Screen |
| H Help Understanding What to Do Here |
| 1 Step #1 - Start PRE-MIGRATION Job (OFFILES directory data only) |
| 2 Step #2 - Unload Disaster Recovery POA if Running [Not Running] |
| V View Profile Migration Log, Profile Event Log or System Agent Log |
| |
| <mark>< OK ></mark> < Back > <main menu=""></main> |

| ose the SOURCE Ba | ackup Set to Mi | larate | |
|-------------------|--------------------------------|--|------------|
| se using [UP] [[|) OOWN], [Enter] | to Select | |
| urrent Bioner | The Most Curi Browse to Bac | r ent Backup - (skup Location | WEDMAR05) |
| | | | |
| | < 0K > | <cancel></cancel> | |

| | Select the Server Platform |
|------------------|---|
| Choose | Using [UP] [DOWN], < Next > to Select |
| Choose server | the DESTINATION Server Platform of the to which the data will be restored to. |
| 1 | NCP/NetWare Server |
| 2 | NetWare Cluster Resource |
| | NFS/Linux Server |
| 4 | Linux Cluster Resource |
| 5 | SAMBA/Windows Server |
| 6 | Local - A path on this Linux Server |
| L | |
| | < Next > < Cancel > |

| 49. | The IP | Address of your GroupWise |
|-----|--------|--------------------------------|
| | server | should be automatically filled |
| | in. | |

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50. The destination Post Office path should also be filled in automatically.

51. The migration job has been created.

/groupwise/gwpo1

Click "OK".

| NFS/Linux Server IP Address |
|--|
| Choose < Next > to Accept |
| In the field below type the NFS/Linux Server IP Address for the DESTINATION server that the GroupWise post office data will be restored to. |
| Example: 100.10.1.10 |
| 172.17.2.240 |
| < Next > < Cancel > |
| |
| Input Post Office Linux Path |
| Choose < Next > to Accept |
| In the field below, type in an EXISTING Linux path to where the Grouptise post office data should be migrated to. Make sure to specify the correct directory name case, (uppercase vs. lowercase). |
| Example: /data/restorepo |
| /groupwise/gwpol |
| < Next > < Cancel > |
| Migration Job Created |
| The migration job has been queued up for profile: |
| GWPO1 |
| If no other migration job is running this migration job will start within a minute. |
| < 0K > |
| |
| GWAVA Reload - Profile: GWPOI - Active Migration Log DATE: Thu_Mar_06 TIME: 11:38:36 - [MIGRATE] Starting Migrating OFMSG Directo DATE: Thu_Mar_06 TIME: 11:38:46 - [MIGRATE] Skipping Storelowercase DBCOPY R DATE: Thu_Mar_06 TIME: 11:38:46 - [MIGRATE] This Post Office is not Version DATE: Thu_Mar_06 TIME: 11:38:46 - [MIGRATE] Finished Migrating OFMSG Directo DATE: Thu_Mar_06 TIME: 11:38:46 - [MIGRATE] OFMSG Migration Run Time: 15 Sec DATE: Thu_Mar_06 TIME: 11:38:46 - [MIGRATE] OFMSG Migration Run Time: 11 S DATE: Thu_Mar_06 TIME: 11:38:46 - [MIGRATE] Completed Final (FILM) (FILM) Migration DATE: Thu_Mar_06 TIME: 11:38:46 - [MIGRATE] Database Migration Run Time: 1 M DATE: Thu_Mar_06 TIME: 11:38:46 - [MIGRATE] Database Migration Run Time: 1 M |

52. The "Active Migration Log" will open.

Click on "Exit" when the migration is finished.

53. As the final step the Disaster Recovery mode has to be disabled.

Open Firefox again and go to the "Disaster Recovery" tab of the Post Office Profile.

Click on "[FAILBACK] - Turn Off Disaster Recovery Mode ... ".

54. Alternatively you could click on the ambulance button on the Reload Home page.

| | | < Exi | it > | | |
|----------|----------------|---------------------|------------------|-------------------------------|-----------|
| Overview | Backups | Disaster Recovery | Configure | 5 Event Log | Agent Log |
| 2. [MIG | LOVER] - TURN | ON DISASTER RECOVER | Y MODE Using Cur | rent Backup [WEI n Server | DMAR05] |



- 55. A message will show up that Disaster Recovery has been turned off. Click on the blue arrow button.
- 56. The "GWPO1" profile should have returned to a normal status.

Check the Reload Home page or the profile overview to make sure, that Disaster Recovery is not running anymore.

57. Switch to the GroupWise server.

Load the GroupWise agents, so the GroupWise system is running again.

Open a terminal console and type "rcgrpwise start".

58. Launch the GroupWise client from the Windows VM.

The GW Client will try to connect to the Post Office on the Reload server.

Type in the IP of the live GroupWise Post Office again and login as "fnurk".

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59. Verify that the mail that was sent while DR mode was running has been migrated to the live Post Office.



| | | | | | Terminal | |
|---|---|---|--|---------------|----------|------------------------------|
| <u>F</u> ile | Edit | View | Terminal | Ta <u>b</u> s | Help | |
| gwts6 Start Start Start Start | 4:~ # ing [ing [ing [ing [| rcgrp gwpo1. gwpo2. gwdom] gwia.g | wise star gwdom] gwdom] wdom] | t | | done done done done |

| <u>U</u> ser name (Required): | fnurk | | |
|---------------------------------|--------------|----------------|------|
| Password: | ••••• | | |
| Online <u>A</u> ddress: | 172.17.2.241 | Por <u>t</u> : | 1677 |
| © <u>C</u> aching mailbox path: | | | |
| 🔿 <u>R</u> emote mailbox path: | | | |

