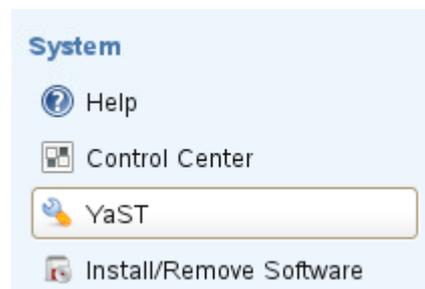


Creating a profile is a wizard-driven process within Reload Administration. When a profile is created, basic default settings are enabled such as backup schedule and frequency.

Reload requires direct file access to back up the Post Office or Domain databases. To accomplish file access, profile creation requires a share to be created on source Linux and Windows GroupWise servers. Backing up a post office or domain on NetWare requires a user that has Read, Write, Modify and File Scan rights to the post office or domain path and sub-directories.

Before we can create a profile we need to provide file access to the GroupWise domain and Post Office running on the GroupWise server. The way to do this on Linux is to export the domain and Post Office directories using NFS. NCP can also be used but NFS is usually faster.

1. Connect to the GroupWise server with VNC and launch YaST by clicking the Computer button on the task bar and select "YaST".
2. In the Network Services group select "NFS Server".
3. Select "Start" in the "NFS Server configuration".
4. Click "Next".



- Two NFS mount points need to be created in this lab. One each for the Domain and Post Office directories.

The Domain is named “GWDom” and its path on the GroupWise Server is:

`/groupwise/domain`

The Post Office is named GWPO1 and is located at:

`/groupwise/gwpo1`

- Select “Add Directory”.
- In the “Directory to export” dialog browse or type in the path to the GroupWise Domain:

`/groupwise/domain`

- Click “OK”

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

Host Wild Card = \* (in a productive environment this could be the Reload server IP)

Options:

`rw, sync, no_root_squash, fsid=0`

- Click “OK”.

- Repeat the same steps to export the Post Office directory. This time the directory to export will be:

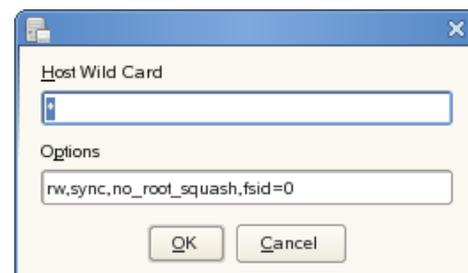
`/groupwise/gwpo1`

This time add following options:

`rw, sync, no_root_squash, fsid=1.`

If you export more directories make sure to use a unique fsid for each export.

- Click “OK”



13. You should now see two directories being exported via NFS as shown in the screenshot on the right.

14. Click “Finish”.

Now that the NFS Server has been configured on the server where the GroupWise Post Office and Domain is, it can serve up the path of the GroupWise PO or Domain for the Reload Server.



15. Now you can create a profile for the Post Office and Domain inside of the Reload Administration.

16. Switch to the Reload Server.

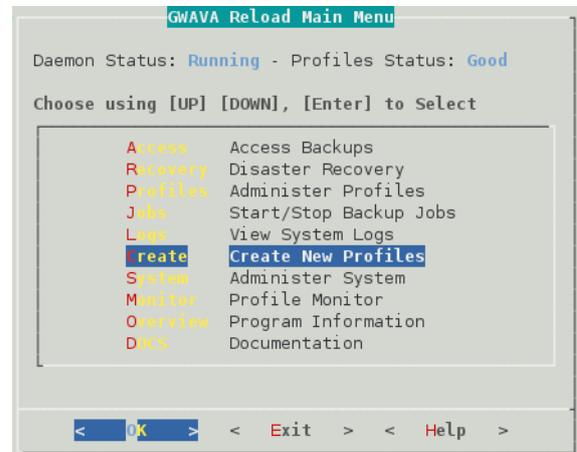
17. Launch the Reload Administration.

Either click on the desktop icon “[GNOME] GWAVA Reload Administration”, or open a new terminal window and type “reload”.



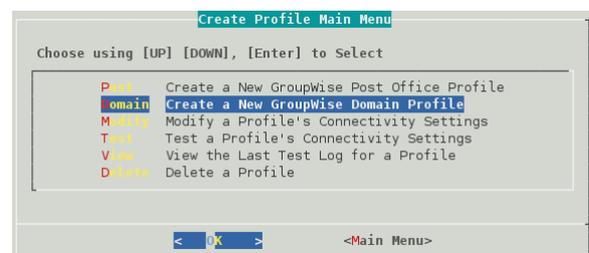
18. Select “Create New Profiles”.

19. Click “OK”.



20. Select “Create a New GroupWise Domain Profile”.

21. Click “OK”.



22. Enter the name of the domain:

GWDOM

23. Click “Next”.

24. Enter an optional description for this profile.

25. Click “OK”.

26. Enter the storage location for the Reload backups. This would be the top level folder that will hold the backups for all profiles. A sub-directory will automatically be created using the profile name.

Make sure that enough disk space is available on the storage for the planned amount of backups.

For this Lab enter “/reload”

27. Click “Next”.

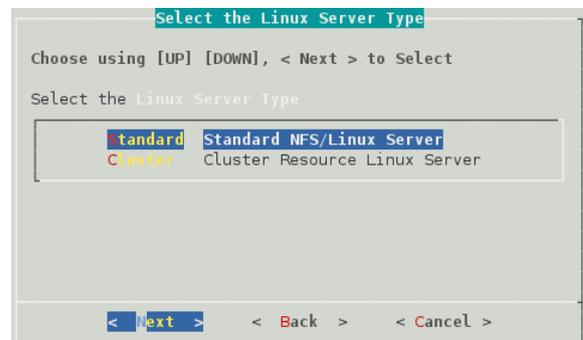
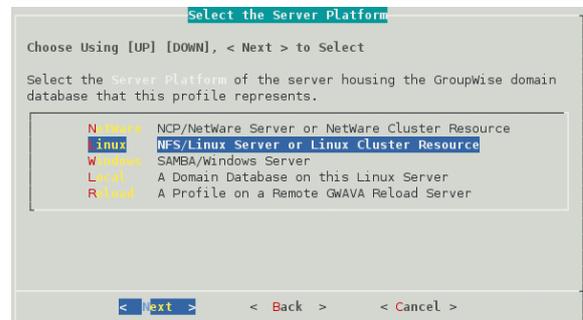
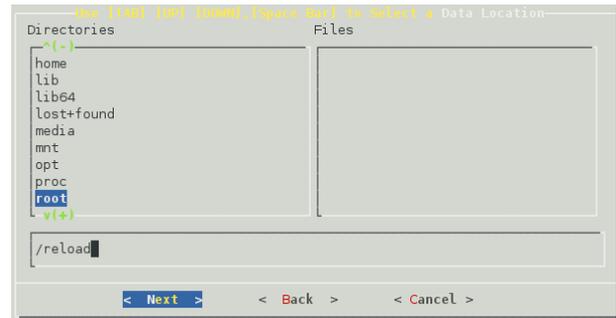
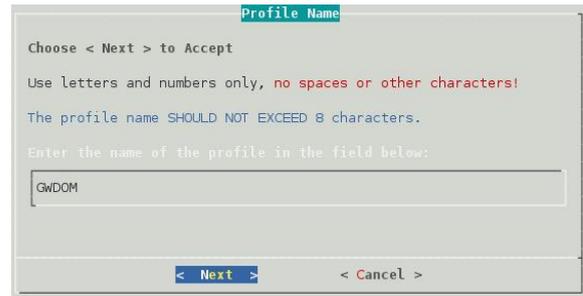
28. Click “Next” again to confirm the path.

29. Select “NFS/Linux Server” as the GroupWise Server Platform.

30. Click “Next”.

31. Select “Standard NFS/Linux server”.

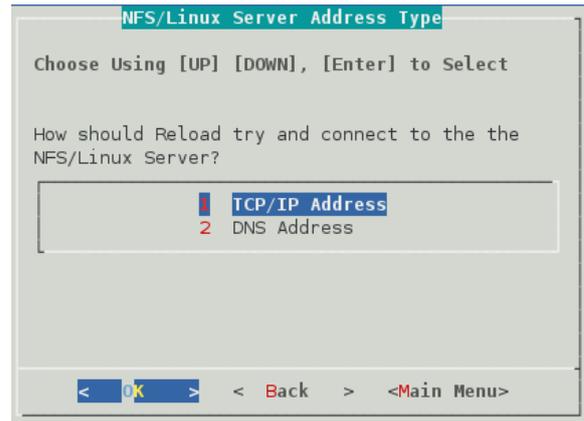
32. Click “Next”.



33. Reload needs to know whether to connect via an IP address or a host name.

Select "TCP/IP Address".

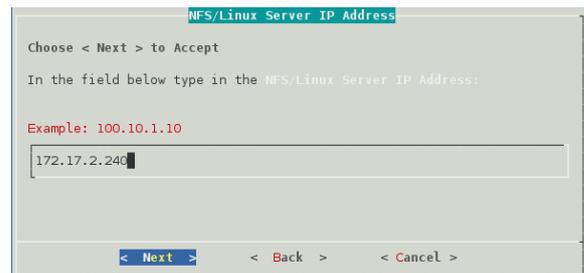
34. Click "OK".



35. Type in the IP Address of the GroupWise server:

172.17.2.240

36. Click "Next".

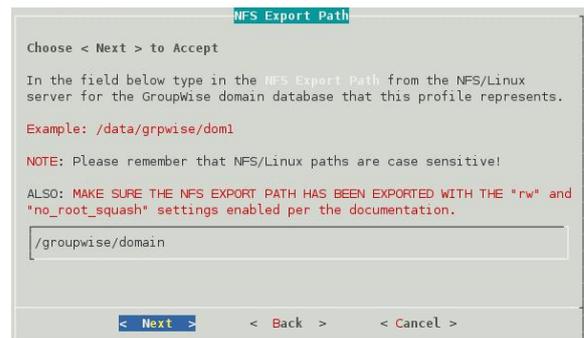


37. Type in the exported NFS path of the domain directory:

/groupwise/domain

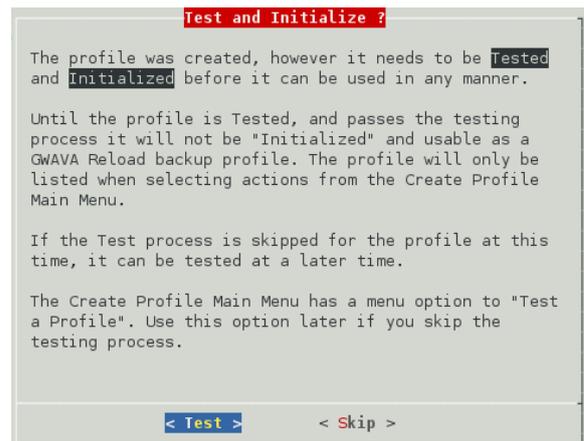
38. Click "Next".

39. Confirm the IP and path and choose "Yes" on the next screen.



40. The domain profile has now been created but must be tested before it can be used.

Click "Test".



41. If the test was successful you will be presented with this dialog and the profile will be enabled.

Click "Exit".

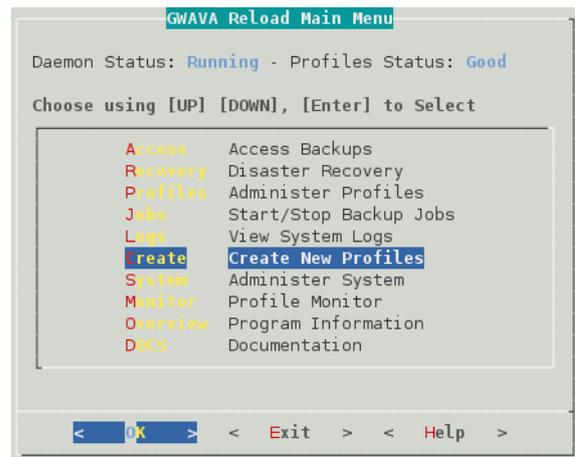


42. The domain profile has been created and initialized but as you can tell from the next screen no backups have run yet.

Click on "Main Menu".

43. We are now ready to create a Post Office profile. Most of the steps are the same as for the Domain profile.

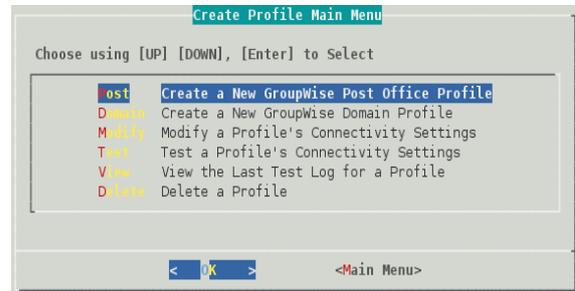
Choose "Create New Profiles".



44. Click "Ok".

45. Select "Create a New Post Office Profile".

46. Click "OK".



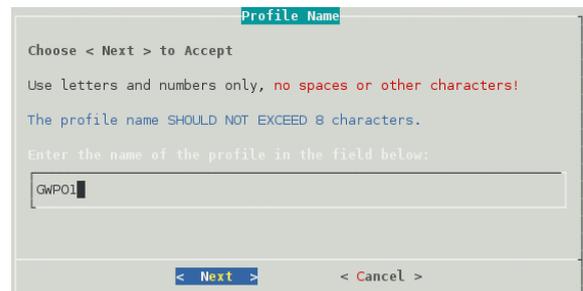
47. Enter the name of the Post Office:

GWPO1

48. Click "Next".

49. Enter an optional description for the profile.

50. Click "Next".



51. Enter the storage location for the Reload backups.

For this lab enter “/reload”.

52. Click “Next”.

53. Click “Next” again and confirm the path.

54. Select “NFS/Linux Server” as the GroupWise Server Platform.

55. Click “Next”.

56. Select “Standard NFS/Linux server”.

57. Click “Next”.

58. Reload needs to know whether to connect via an IP address or a host name.

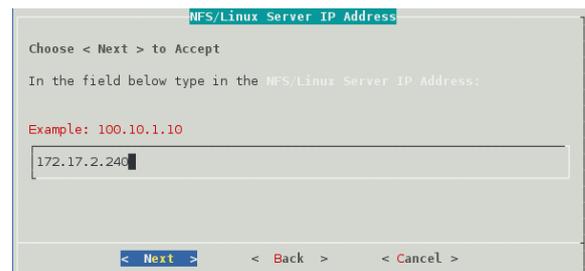
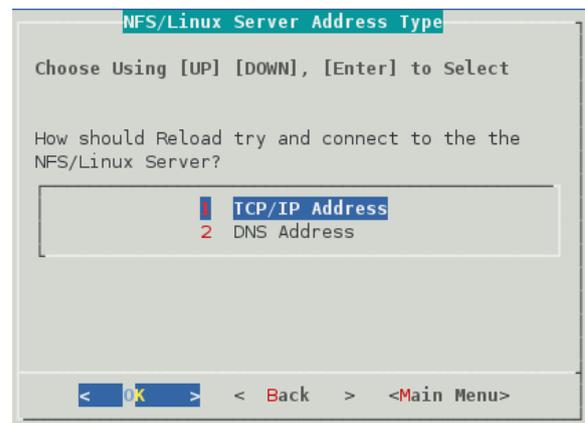
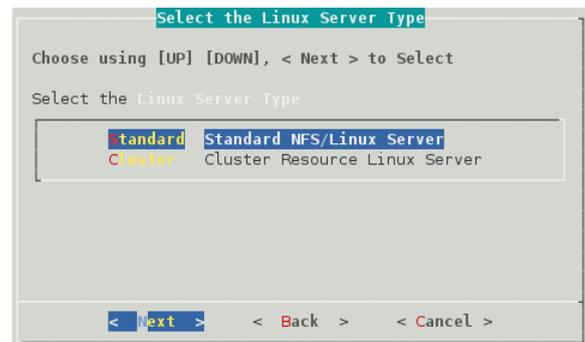
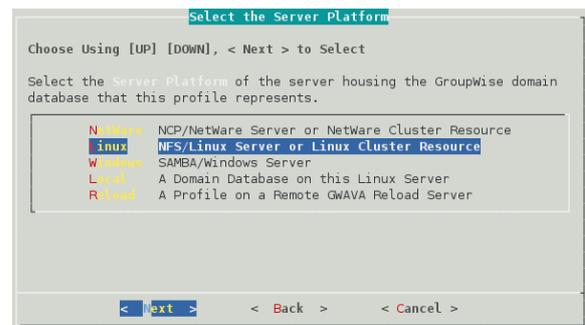
Select “TCP/IP Address”.

59. Click “OK”.

60. Type in the IP Address of the GroupWise server:

172.17.2.240

61. Click “Next”.



62. Enter the NFS export path that was previously configured:

/groupwise/gwpo1

63. Click “Next”.

64. Confirm the IP and path and choose “Yes” on the next screen.

65. The Post Office profile has now been created but must be tested before it can be used.

Click “Test”.

66. If the test was successful you will be presented with this dialog and the profile will be enabled.

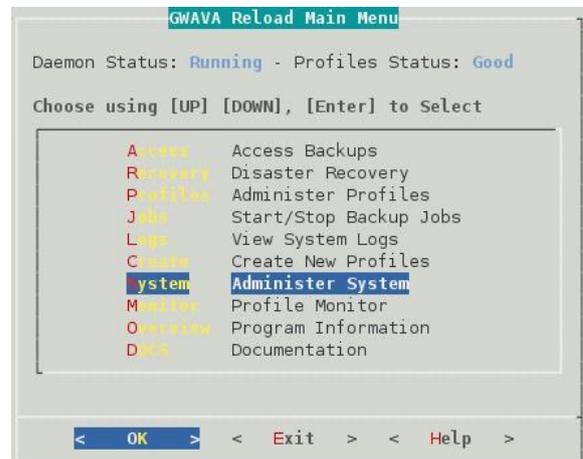
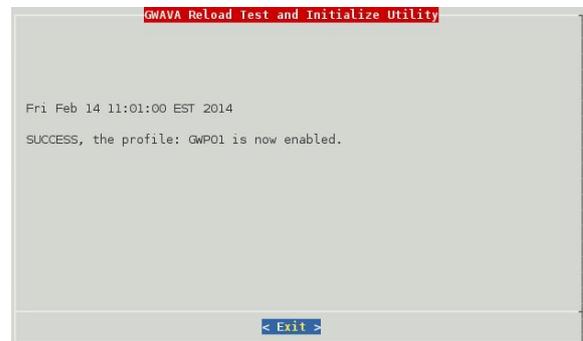
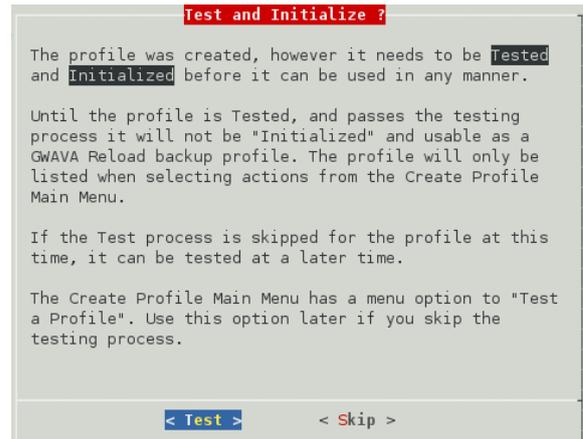
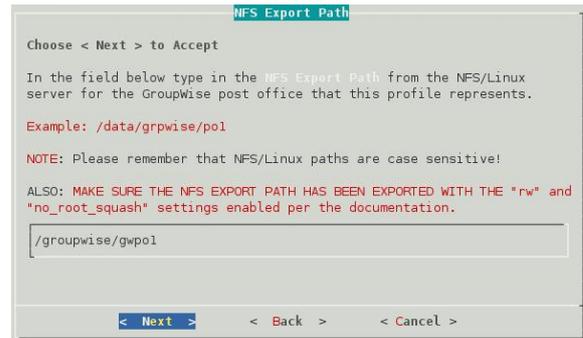
Click “Exit”.

67. The post office has been created and initialized but as you can tell from the prompted screen no backups have run yet.

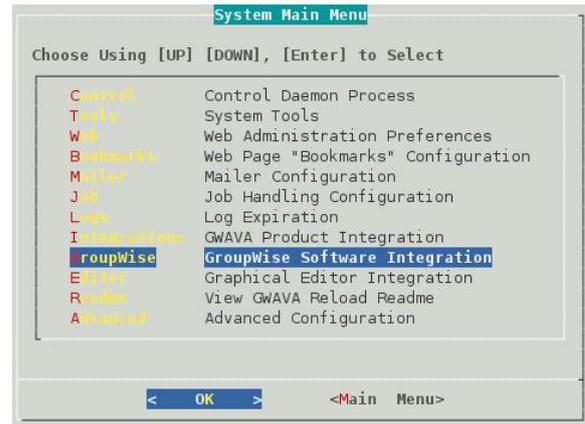
Click “Main Menu”.

68. Before running any backups you should already check if the correct GroupWise agents are installed on your Reload server. This does not have an effect on the backup jobs, but if you want to access the backups, for example during a disaster, it is important to use the same GroupWise version on the Reload Server that is running on your live system.

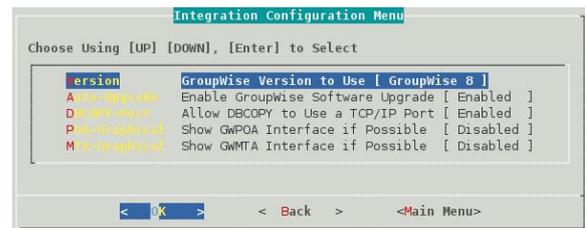
To change the GW Version in Reload go to “Administer System”.



69. Click on “GroupWise Software Integration”.



70. Select “GroupWise Version to use” and click “OK”.



71. Select “GroupWise 2014” and hit the space bar to choose it.

Click “OK” to start the installation of the GW 2014 agents. The package for the agents is already stored in /opt/beginfinite/reload/setup/rpms.

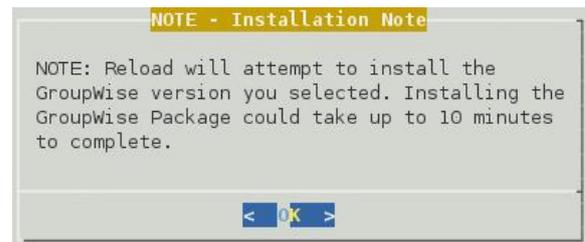
You can also install the agents manually if the installation from Reload did not work for example for GW 2014 with “rpm -ivh novell-groupwise-server-14.0.1.rpm”



72. The installation of the agents might take a few minutes.

Click “OK” to close the note.

While Reload is installing the agents continue with the next steps.



73. Open Firefox and browse to the Reload Server.

<http://172.17.2.230:5555>

You should see the Domain and Post Office profiles you just created.

In the next lab you will run backup jobs for these profiles.

