

NethServer 6 - Enhancement #2773

Backup data: web interface for restore

06/16/2014 02:02 PM - Giacomo Sanchietti

Status: CLOSED	Start date:
Priority: Normal	Due date:
Assignee:	% Done: 100%
Category: nethserver-restore-data	
Target version: v6.6	
Resolution:	NEEDINFO: Yes
Description	
Add a simple web interface to restore data from backup. The user should be able to: <ul style="list-style-type: none">- choose between one of available backups- restore only from latest backup- select a directory or search for it using a string- restore one or more directory in the original destination or a into a new directory	

Associated revisions

Revision e5d7b85e - 06/16/2014 02:03 PM - Giacomo Sanchietti

post-backup: generate backup file list. Refs #2749 #2773

Revision 3cc972a4 - 06/27/2014 12:11 PM - Giacomo Sanchietti

nethserver-backup-data.exclude: exclude backup list from backup. Refs #2773

Revision a1735524 - 07/01/2014 08:05 AM - Giacomo Sanchietti

createlinks, actions: remove modifications for #2773 from master branch. Refs #2773

Revision 4319f65d - 06/09/2015 11:54 AM - Edoardo Spadoni

spec file. added nethserver-backup-data dependency. Refs #2773

Revision 03eae1fe - 06/10/2015 03:26 AM - Edoardo Spadoni

language. added language translation for restore message. Refs #2773

Revision cc670dfb - 06/11/2015 11:30 AM - Filippo Carletti

nethserver-backup-data.exclude: remove non-existing restore dir. Refs #2773

Revision c2edf13e - 06/12/2015 11:01 AM - Edoardo Spadoni

ui. removed unused backup paths from interface. Refs #2773

Revision f612cf6f - 06/15/2015 05:08 AM - Davide Principi

Merge pull request #1 from edospadoni/master

upgrade to jquery 1.9.1 and jquery ui 1.8.23. Refs #2773

Revision 39cbb43f - 06/15/2015 05:32 AM - Davide Principi

Use jQuery 1.9.1, jQuery-UI 1.8.23. Refs #2773

Fixed nethgui sha1sum and path.

Revision ade4c072 - 06/16/2015 04:29 AM - Edoardo Spadoni

ui. removed duplicate entries on graphic tree. Refs #2773

Revision ce8cbbb9 - 06/16/2015 04:55 AM - Edoardo Spadoni

ui. removed unused fullpath attribute on json tree. Refs #2773

Revision 3c801150 - 06/17/2015 08:25 AM - Edoardo Spadoni

ui. refactor code for nethgui guidelines. Refs #2773

Revision 23db791a - 06/17/2015 10:08 AM - Edoardo Spadoni

ui. graphic restyling. Refs #2773

Revision 6a75c266 - 06/19/2015 06:16 AM - Edoardo Spadoni

core. improved dump and visualization of xml tree. Refs #2773

Revision 8ed756c6 - 06/19/2015 08:48 AM - Edoardo Spadoni

ui. search enabled with at least 3 chars inserted. Refs #2773

Revision 47ad5794 - 06/22/2015 02:36 AM - Giacomo Sanchiatti

spec: add duc dependency. Refs #2773

History

#1 - 06/16/2014 02:03 PM - Giacomo Sanchiotti

- Status changed from *NEW* to *TRIAGED*
- Target version set to *v6.5*
- % Done changed from *0* to *20*

#2 - 06/16/2014 02:03 PM - Giacomo Sanchiotti

- Status changed from *TRIAGED* to *ON_DEV*
- % Done changed from *20* to *30*

#3 - 10/06/2014 02:25 AM - Giacomo Sanchiotti

- Status changed from *ON_DEV* to *TRIAGED*
- % Done changed from *30* to *20*

#4 - 10/23/2014 04:01 AM - Giacomo Sanchiotti

- Target version changed from *v6.5* to *~FUTURE*

#5 - 05/18/2015 10:19 AM - Giacomo Sanchiotti

- Description updated
- Target version changed from *~FUTURE* to *v6.6*

#6 - 05/18/2015 10:24 AM - Giacomo Sanchiotti

- Status changed from *TRIAGED* to *ON_DEV*
- Assignee set to *Edoardo Spadoni*
- % Done changed from *20* to *30*

#7 - 06/09/2015 08:17 AM - Giacomo Sanchiotti

- Category changed from *nethserver-backup-data* to *nethserver-restore-data*

#8 - 06/15/2015 05:33 AM - Davide Principi

In nethserver-testing:

nethserver-httpd-admin-1.4.1-1.4.g39cbb43.ns6.noarch.rpm

#9 - 06/16/2015 05:41 AM - Edoardo Spadoni

- Status changed from *ON_DEV* to *MODIFIED*
- Assignee deleted (*Edoardo Spadoni*)
- % Done changed from *30* to *60*

The package **nethserver-httpd-admin-1.4.1-1.4.g39cbb43.ns6.noarch.rpm** has been updated to upgrade jQuery and jQuery-UI to 1.9.1 and 1.8.23 respectively because the web interface for restore (this issue) requires and high version of jQuery. The package has been tested on a clean machine with all nethserver* packages installed. All views seem to work properly and also the Dashboard tabs work well.

Test case for nethserver-httpd-admin package.

Install the package and check if all views of the admin page work well.

Test cases for web interface for restore

Prerequisites

- Install the package
- Configure a backup (on view BackupData of admin dashboard)
- Launch script to start a backup (simply run backup-data)

Notes

In the graphic tree, there may be directories not included in the backup.

Test Case 1

- Check on view RestoreData if graphic tree of directories is created and it is navigable

Test Case 2

- Try to type something in the search input and check if the tree showed the matched strings

Test Case 3

- Select *Restore data in the original path* and check if the backup data are properly restored (overwritten)

Test Case 4

- Select *Restore data in new directory* and check if the backup data are properly restore in new directory.

Test Case 5

- Select multiple nodes in the tree (by holding Ctrl key) and choose *Restore data in the original path* or *Restore data in new directory* and check if all nodes are properly restored

#10 - 06/17/2015 11:01 AM - Giacomo Sanchietti

- Status changed from *MODIFIED* to *ON_QA*
- % Done changed from 60 to 70

Package in nethserver-testing:

- nethserver-restore-data-0.0.1-1.8.g601756d.ns6.noarch.rpm
- nethserver-httpd-admin-1.4.1-1.4.g39cbb43.ns6.noarch.rpm

#11 - 06/18/2015 11:57 AM - Vasco Castelo Branco

- Assignee set to *Vasco Castelo Branco*

#12 - 06/18/2015 01:33 PM - Vasco Castelo Branco

- Status changed from *ON_QA* to *VERIFIED*
- Assignee deleted (*Vasco Castelo Branco*)
- % Done changed from 70 to 90

#13 - 06/19/2015 08:51 AM - Edoardo Spadoni

- Status changed from *VERIFIED* to *ON_QA*
- % Done changed from 90 to 70

#14 - 06/19/2015 08:52 AM - Edoardo Spadoni

- Status changed from *ON_QA* to *TRIAGED*
- % Done changed from 70 to 20

#15 - 06/19/2015 08:54 AM - Edoardo Spadoni

- Status changed from *TRIAGED* to *MODIFIED*
- % Done changed from 20 to 60

If the module is installed and there is not a indexed db to get the tree structure, the ui doesn't show the tree. Also the file list on directory (ajax call to get the list) is too much expensive in terms of usability.

#16 - 06/19/2015 08:57 AM - Giacomo Sanchietti

- Status changed from *MODIFIED* to *ON_QA*
- % Done changed from 60 to 70

Package in nethserver-testing:

- nethserver-restore-data-0.0.1-1.10.g8ed756c.ns6.noarch.rpm

#17 - 06/19/2015 09:29 AM - dz0 0te

i have read the test case, that start from a no backup config status.

in the old version (nethserver-restore-data-0.0.1-1.8.g601756d) i've also noticed that if i already have one or more backup, after installing the nethserver-restore-data package accessing to restore tab give me an error in the UI:

```
[[{"Tf0a2af2d",[]},{"T689a3796",null},{"T3ace11bc",null},{"T2e032b5c",{"text":"\u2713","children":[]}],{"__COMMANDS__",{"0":{"R":"RestoreData","M":"setMandatoryFields","A":{"RestoreData_path":true,"RestoreData_position":false}}}],{"__STATE__","644c2cc8d92dd02f37db4de45f9628fc"}]]
```

[2] Invalid argument supplied for foreach()

See the system log for details.

log:

```
Jun 19 09:17:53 ns6fresh httpd-admin: [2] Invalid argument supplied for foreach() - File /usr/share/nethesis/NethServer/Module/RestoreData.php, line 116
```

after a backup-data from shell (or probably after the next scheduled backup) i can access to the restore tab.

I do not know if it is the correct behavior, so, in doubt I wanted to report it

#18 - 06/19/2015 10:22 AM - Edoardo Spadoni

We just updated the rpm package that include the fix for your error. The correct version should be 0.0.1-1.10.g8ed756c.ns6. Try to wait the sync of repositories, then update the package and do again the test cases.

#19 - 06/22/2015 04:02 AM - dz0 0te

With

nethserver-httpd-admin-1.4.1-1.7.g45a2f72.ns6.noarch

nethserver-restore-data-0.0.1-1.10.g8ed756c.ns6.noarch

i have no more problem to access to Restore page (even in presence of old backup) but 'im

Stuck at test case 2, the directory content of selected node is not showed.

Tested with and without existent backup.

#20 - 06/22/2015 04:08 AM - Edoardo Spadoni

You can ignore the second test case (I just remove it) because we removed that part. Thanks

#21 - 06/22/2015 06:20 AM - dz0 0te

- Assignee set to dz0 0te

#22 - 06/22/2015 07:33 AM - dz0 0te

- Assignee deleted (dz0 0te)

- NEEDINFO changed from No to Yes

System and Package Version installed

VM KVM - Clean installation of Nethserver 6.6 fully update

Package Installed: nethserver-httpd-admin-1.4.0-1.ns6.noarch

Other Package installed: Backup, File server, Web server

Test Original Problem

Enhancement

Install Updated Package

```
yum --enablerepo=nethserver-testing install nethserver-httpd-admin-1.4.1-1.4.g39cbb43.ns6 nethserver-restore-data-0.0.1-1.10.g8ed756c.ns6
```

Test Results after update

Test Case 1

OK. Tree of dir, created and navigable

Test Case 3

OK. Search start with at least 3 chars, works correctly

Test Case 4

OK. Data restored. All folder overwritten

Test Case 5

OK. Data restored in new folder NameFolder_date

Test Case

OK. Restoring multiple nodes in original or new dirs works.

Note

All test made from shell works restoring correct data.

only one Problem: if from shell i delete an ibay folder (with guest access in r/w enabled) i could not re-enter in the ibay after restoring it. I must reset permission from the UI to gain access from guest (the data is restored correctly)

No problem if i delete the content of the ibay and then restore it.

No problem with the ibay when i login as user (member of the group who own the share)

I'm not sure if this is a bug (like it seems) or a normal behavior...

#23 - 06/25/2015 01:07 PM - Vasco Castelo Branco

This feature is verified or need to be retested?

#24 - 06/25/2015 01:29 PM - dz0 0te

hi Vasco, as i say in the Note, i have one minor problem with permission when the ibay is in read/write mode for guest. Data is there but i must reset permission to gain access. I don't know if thi is a bug or a normal behavior so i've marked NEEDINFO=YES, and i'm waiting infor from the devs. I've planned to retest in the week-end but if you want and you have some time maybe could you test to see if you have the same problem otherwise we can expect some info from the devs. tnx

#25 - 06/25/2015 03:38 PM - Vasco Castelo Branco

I asked only to know if you forget to change the enhancement status.

As I see the tests requested by the devs are ok.
Its better to set as verified in order to continue the work

In the notes you can inform the problem you found and they will decide if is necessary to open a bug or not

#26 - 06/26/2015 11:34 AM - Giacomo Sanchietti

only one Problem: if from shell i delete an ibay folder (with guest access in r/w enabled) i could not re-enter in the ibay after restoring it. I must reset permission from the UI to gain access from guest (the data is restored correctly)

There is no way to workaround this problem, but we should definitively document this behavior.
All major tests are passed, I think this is a go.

Surely we should improve this application in the near future but we need to collect more usage scenarios.

Thanks to both testers!

#27 - 06/26/2015 11:34 AM - Giacomo Sanchietti

- Status changed from ON_QA to VERIFIED
- % Done changed from 70 to 90

#28 - 07/06/2015 11:04 AM - Giacomo Sanchietti

- Status changed from VERIFIED to CLOSED
- % Done changed from 90 to 100

Released in nethserver-updates:

- nethserver-backup-data-1.1.4-1.ns6.noarch.rpm
- nethserver-restore-data-1.0.0-1.ns6.noarch.rpm

Backup documentation updated.