

ONMSi Toolkit

OTU operations

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Reference	OTU_operation_A0.docx	Version A.0



Version	Date	Author	Index
A.0	09/01/13	B. Lions	First release

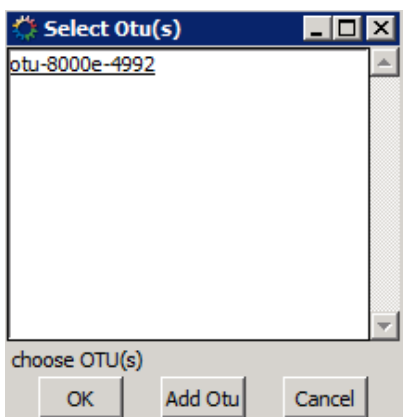
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1. Introduction:

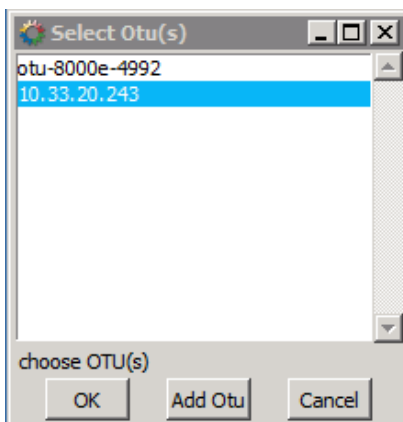
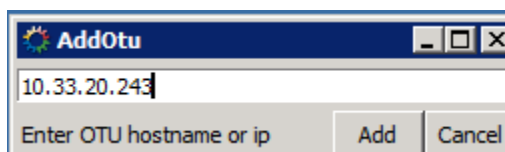
This document explains how to configure and operate the **OTU operation using the ONMSi Toolkit**, installed with the Cygwin data backup:



The tool will display OTU inside ONMSi but you can add manually one or several OTUs



Click on add Otu



Select all the OTUs to start operation on those units

2. Process available inside the OTU Toolkit:

All operation can be done on single OTU or more

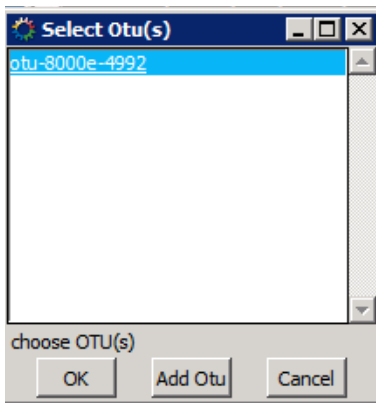


- ➔ Give the OTU versions
- ➔ Reboot several or single OTU
- ➔ Update several or single OTU
- ➔ Transfer update file on OTU(s)
- ➔ Download OTU logs
- ➔ Delete all the alarms on the OTU drive
- ➔ Test remote access to the OTU(s)
- ➔ Check the OTU(s) hard disk

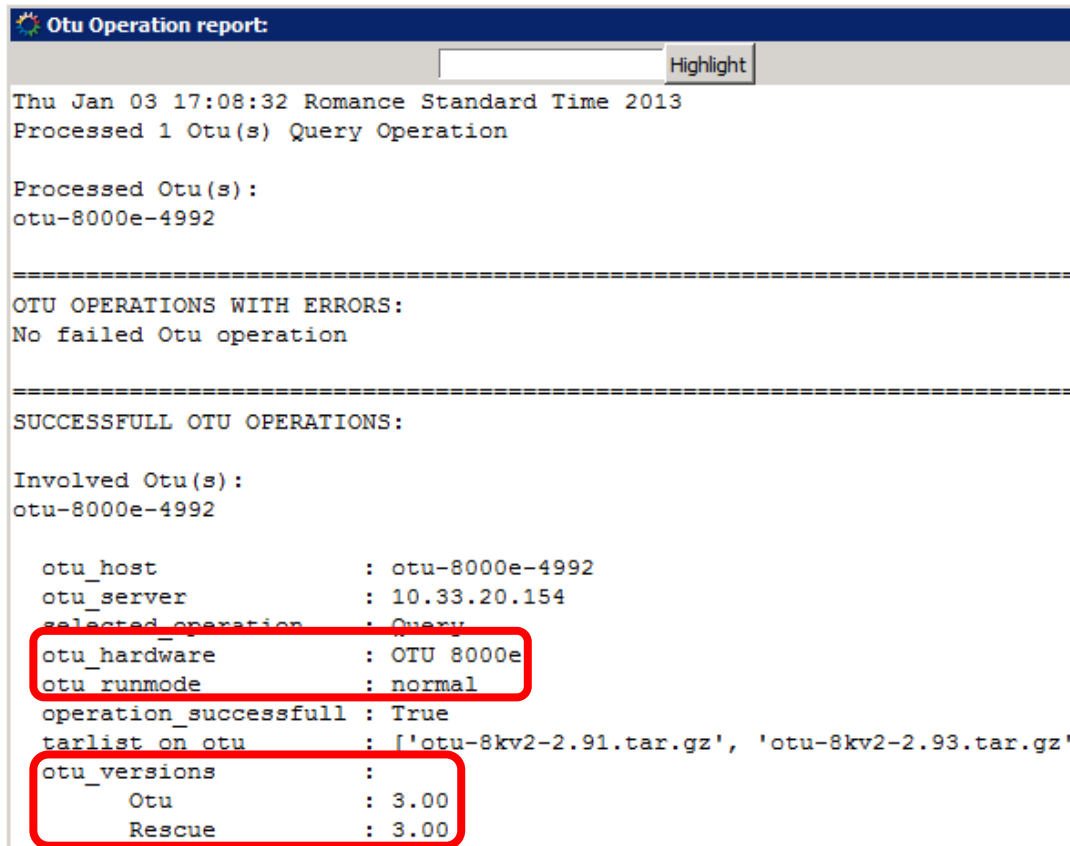
3. OTU operations

3.1 Query

Click on 

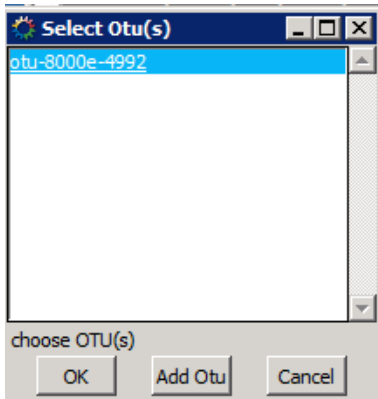


Select the OTU(s)

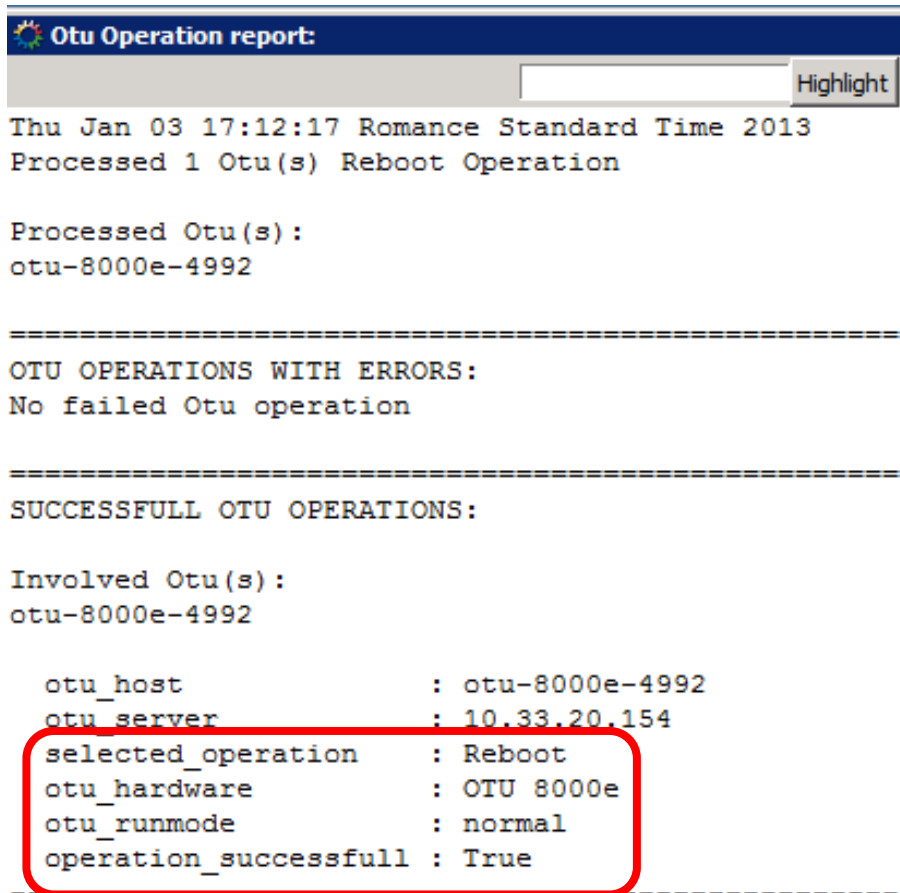


3.2 Reboot

Click on **Reboot**

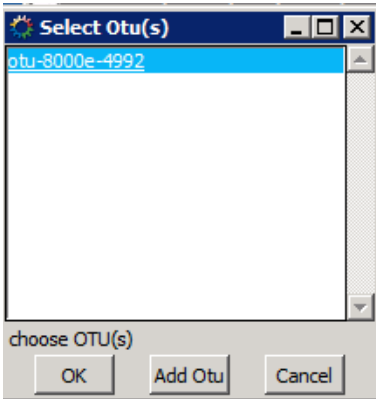


Select the OTU(s) and click on OK

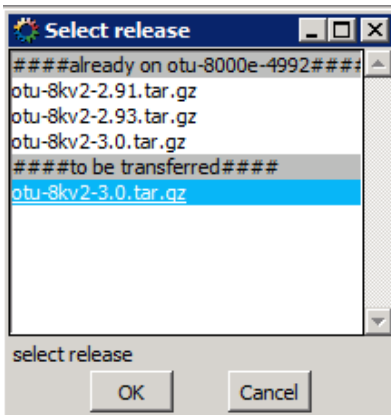


3.3 Upgrade

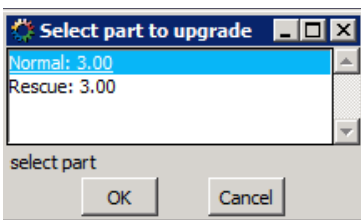
Click on 



Select the OTU(s) you want to upgrade



Select the release you need to install



Select Normal and redo it to upgrade the rescue mode

The running process is detailed in the ONMSi Tools console

```
[2013-01-08 16:14:17,358] got otu-8000e-4992 hardware version OTU 8000e
[2013-01-08 16:14:17,467] OTU otu-8000e-4992 in normal running mode
[2013-01-08 16:14:27,530] Tue Jan 8 16:14:12 UTC 2013
[2013-01-08 16:14:27,530] installing : /otu/release/current/otu-8kv2-3.0.tar.gz
[2013-01-08 16:14:27,530] Uncompressing the tarball.
[2013-01-08 16:14:27,530] otu>>> Tue Jan 8 16:14:12 UTC 2013
[2013-01-08 16:14:27,530] otu>>> installing : /otu/release/current/otu-8kv2-3.0.
tar.gz
[2013-01-08 16:14:27,530] otu>>> Uncompressing the tarball.
[2013-01-08 16:14:37,592] Tue Jan 8 16:14:12 UTC 2013
[2013-01-08 16:14:37,592] installing : /otu/release/current/otu-8kv2-3.0.tar.gz
[2013-01-08 16:14:37,592] Uncompressing the tarball.
```

Otu Operation report:

Tue Jan 08 16:30:04 Romance Standard Time 2013
Processed 1 Otu(s) Upgrade Operation

Processed Otu(s) :
otu-8000e-4992

=====

OTU OPERATIONS WITH ERRORS:
No failed Otu operation

=====

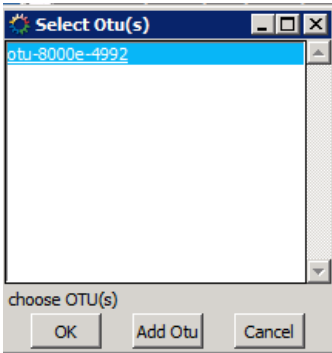
SUCCESSFULL OTU OPERATIONS:

Involved Otu(s) :
otu-8000e-4992

```
otu_host          : otu-8000e-4992
otu_server        : 10.33.20.154
selected_operation : Upgrade_Completion
otu_hardware      : OTU 8000e
otu_runmode       : normal
selected_release  : otu-8kv2-3.0.tar.gz
release_hardware  : OTU 8000e
selected_version  : 3.00
selected_module   : Rescue
upgrade_from      : otu
upgrade_launched  : True
operation_successfull : True
otu_versions     :
  Otu              : 3.00
  Rescue           : 3.00
```

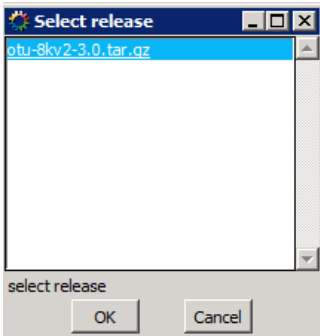

3.4 Transfer

Click on **Transfer**



Select the OTU(s) on which you want to transfer a release

① The transfer can be done on several units, select them in the list



Select the release you want to transfer on the OTU(s)

① The tar file must be store in \RFTS_SCRIPTS\RELEASE_OTU

The results of the transfer are visible in the report

```
Otu Operation report:
Tue Jan 08 16:11:48 Romance Standard Time 2013
Processed 1 Otu(s) Transfer Operation

Processed Otu(s):
otu-8000e-4992

=====
OTU OPERATIONS WITH ERRORS:
No failed Otu operation

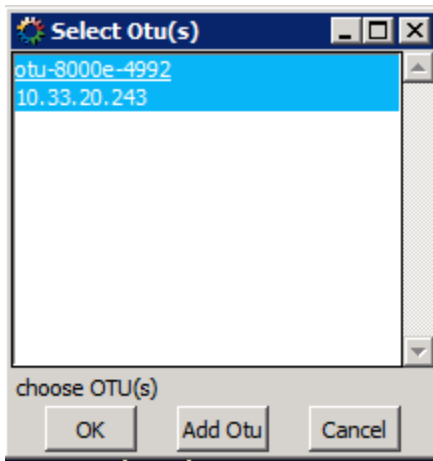
=====
SUCCESSFULL OTU OPERATIONS:

Involved Otu(s):
otu-8000e-4992

otu_host      : otu-8000e-4992
otu_server    : 10.33.20.154
selected_operation : Transfer
otu_hardware  : OTU 8000e
otu_runmode   : normal
selected_release : otu-8kv2-3.0.tar.gz
release_hardware : OTU 8000e
upgrade_from   : server
operation_successfull : True
tarlist_on_otu  : ['otu-8kv2-2.91.tar.gz', 'otu-8kv2-2.93.tar.gz', 'otu-
```

3.5 Get logs

Click on **Getlogs**



Select the OTU(s) you need to get logs.

The logs are stored in C:\RFTS_SCRIPTS\cluster\log\otu\snapshots\%otu name or IP%\get-snapshot.SN.YYYYMMDDHHMM.tar.gz

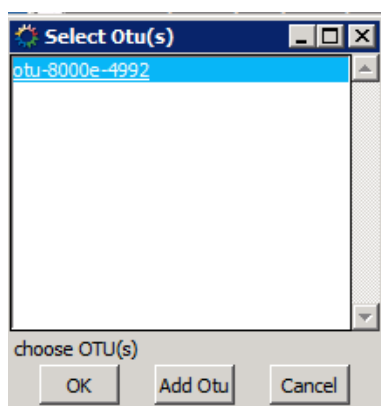
3.6 Clean up



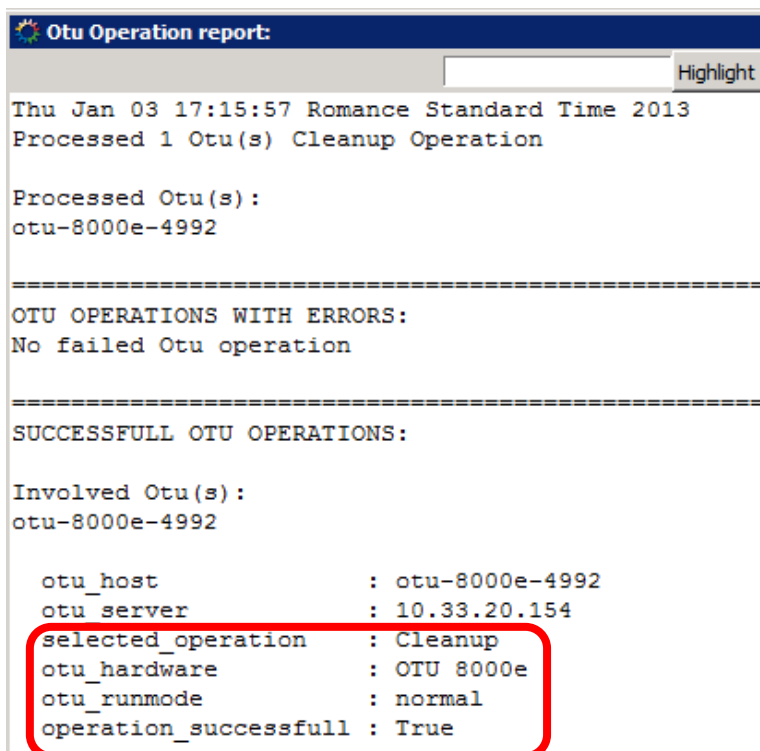
Don't use this option before the support team tells you to do it.

During this operation the OTU will be rebooted

Click on **Cleanup**

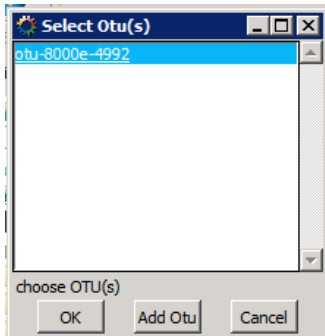


Select the OTU(s) and click on OK

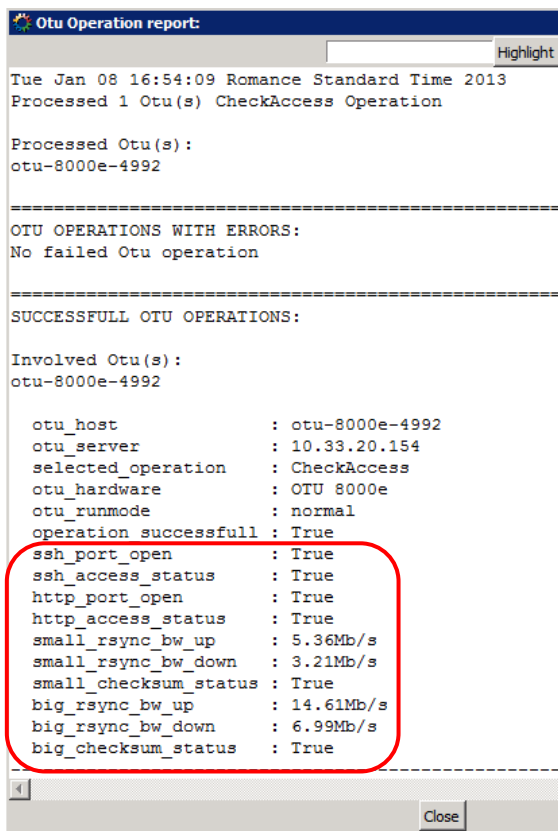


3.7 Check Access

Click on **CheckAccess** [This will check the access from server to OTU]



Select the OTU(s) to check

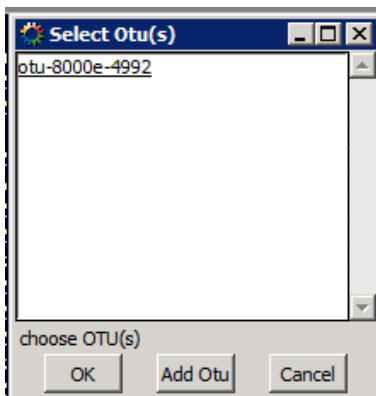


Read the report to observe if there are errors or not.

3.8 Check hard drive

Only available on OTU v2 (OTU-8000e)

Click on **CheckHD** *[this will check if the OTU hard drive is running properly or not]*



Select the OTU(s) you have to check

```
Otu Operation report:
Tue Jan 08 16:56:15 Romance Standard Time 2013
Processed 1 Otu(s) CheckHD Operation

Processed Otu(s) :
otu-8000e-4992

=====
OTU OPERATIONS WITH ERRORS:
No failed Otu operation

=====
SUCCESSFULL OTU OPERATIONS:

Involved Otu(s) :
otu-8000e-4992

otu_host      : otu-8000e-4992
otu_server   : 10.33.20.154
selected_operation : CheckHD
otu_hardware  : OTU 8000e
otu_runmode   : normal
operation_successfull : True
-----
```