

# RESTAURATION D'UNE BOITE MAIL PARTAGEE EFFACEE

## PROBLÈME

Une boîte partagée a été supprimée, il faut la restaurer.

## PRÉ-REQUIS

Avoir une sauvegarde disponible contenant la boîte à restaurer.

## SOLUTION

Une boîte mail partagée peut avoir une arborescence "éclatée" au sein du système de fichier. Afin de retrouver tous les emplacements faisant référence à cette boîte il faut rechercher tous les dossiers se rapportant à cette boîte au sein de la sauvegarde.

Par exemple, pour renommer une boîte aux lettres nommée "sports" :

### Exemple emplacement de la BAL partagée sports

```
cd /var/backups/bluemind/

find dp_spool/rsync/192.168.78.128/mail/imap/1356/var/spool/cyrus/bluemind_loc/domain/ -type d -name sports

/var/backups/bluemind/dp_spool/rsync/192.168.78.128/mail/imap/1356/var/spool/cyrus/bluemind_loc/domain/b
/bluemind.loc/s/sports
/var/backups/bluemind/dp_spool/rsync/192.168.78.128/mail/imap/1356/var/spool/cyrus/bluemind_loc/domain/b
/bluemind.loc/s/sports/Sent
/var/backups/bluemind/dp_spool/rsync/192.168.78.128/mail/imap/1356/var/spool/cyrus/bluemind_loc/domain/b
/bluemind.loc/a/sports
/var/backups/bluemind/dp_spool/rsync/192.168.78.128/mail/imap/1356/var/spool/cyrus/bluemind_loc/domain/b
/bluemind.loc/a/sports/ACCUSE R
/var/backups/bluemind/dp_spool/rsync/192.168.78.128/mail/imap/1356/var/spool/cyrus/bluemind_loc/domain/b
/bluemind.loc/m/sports
/var/backups/bluemind/dp_spool/rsync/192.168.78.128/mail/imap/1356/var/spool/cyrus/bluemind_loc/domain/b
/bluemind.loc/m/sports/INSCRIPTIONS
```

### 1. Recréer la boîte avec l'outil cyradm



#### Rappel

Pour se connecter avec cyradm :

```
cyradm --user admin0 --port 1143 localhost
```

## Recréer la BAL partagée sports

```
cm sports/Sent@bluemind.loc bluemind.loc
^      ^      ^      ^      ^
CMD    BAL    Dir      Domain      Partition

localhost> cm sports/Sent@bluemind.loc bluemind.loc
localhost> cm sports@bluemind.loc bluemind.loc
localhost> cm sports/ACCUSE\ R@bluemind.loc bluemind.loc
localhost> cm sports/INSCRIPTIONS@bluemind.loc bluemind.loc

- Vérification
localhost> lm sports*@bluemind.loc
sports/ACCUSE R@bluemind.loc (\HasNoChildren)
sports/INSCRIPTIONS@bluemind.loc (\HasNoChildren)
sports/Sent@bluemind.loc (\HasChildren)
sports@bluemind.loc (\HasChildren)
```

## 2. Reconstruire la boîte depuis la console :

### Reconstruction de la BAL partagée

```
root@mail:~# /usr/lib/cyrus/bin/reconstruct -rf sports@bluemind.loc

bluemind.loc!sports: update acl from header anyone      lrs      => anyone      p
admin0      lrswipkxtecda      jdoe@bluemind.loc      lrswipkxtecda      hannibal@bluemind.
loc      lrswipkxtecda      jluther@bluemind.loc      lrswipkxtecda
sports@bluemind.loc
bluemind.loc!sports.ACCUSE R: update acl from header anyone      lrs      => jdoe@bluemind.
loc      lrswipkxtecda      admin0      lrswipkxtecda
sports/ACCUSE R@bluemind.loc
bluemind.loc!sports.INSCRIPTIONS: update acl from header anyone      lrs      =>
anyone      p      admin0      lrswipkxtecda      jdoe@bluemind.loc
lrswipkxtecda      hannibal@bluemind.loc      lrswipkxtecda      jluther@bluemind.loc
lrswipkxtecda
sports/INSCRIPTIONS@bluemind.loc
bluemind.loc!sports.Sent: update acl from header anyone      lrs      => anyone
p      admin0      lrswipkxtecda      jdoe@bluemind.loc      lrswipkxtecda
hannibal@bluemind.loc      lrswipkxtecda      jluther@bluemind.loc      lrswipkxtecda
sports/Sent@bluemind.loc

root@mail:~#
```

## 3. Lancer le script reindexMbox :

### Ré-indexation de la BAL partagée

```
root@mail:~# ./reindexMbox localhost sports@bluemind.loc
11:32:40.856 [main] DEBUG c.n.h.c.p.n.NettyAsyncHttpProvider - Number of application's worker
threads is 8
Using token 851d6cdc-8c96-48c4-b08c-408c5ee91430
11:32:41.235 [main] DEBUG c.n.h.c.p.n.NettyAsyncHttpProvider -
Non cached request
DefaultHttpRequest(chunked: false)
POST /services/login/doLogin HTTP/1.1
Host: localhost:8085
Content-Type: application/x-www-form-urlencoded; charset=utf-8
Connection: keep-alive
Accept: */*
User-Agent: NING/1.0
Content-Length: 93
using Channel
[id: 0xacb8886b]
11:32:41.314 [New I/O worker #1] DEBUG c.n.h.c.p.n.NettyAsyncHttpProvider -
Request DefaultHttpRequest(chunked: false)
```

```
POST /services/login/doLogin HTTP/1.1
Host: localhost:8085
Content-Type: application/x-www-form-urlencoded; charset=utf-8
Connection: keep-alive
Accept: */*
User-Agent: NING/1.0
Content-Length: 93
Response DefaultHttpResponse(chunked: false)
HTTP/1.1 200 OK
Content-Type: text/xml; charset=UTF-8
Content-Length: 293
11:32:41.320 [New I/O worker #1] DEBUG c.n.h.c.p.netty.NettyConnectionsPool - Adding uri:
http://localhost:8085 for channel [id: 0xacb8886b, /127.0.0.1:56571 => localhost/127.0.0.1:8085]
11:32:41.553 [main] DEBUG n.b.core.common.utils.DOMUtils - No element named 'authService' under
'token'
11:32:41.555 [main] DEBUG c.n.h.c.p.n.NettyAsyncHttpProvider - Using cached Channel [id:
0xacb8886b, /127.0.0.1:56571 => localhost/127.0.0.1:8085]
for uri http://localhost:8085/services/mail/reindex
11:32:41.556 [main] DEBUG c.n.h.c.p.n.NettyAsyncHttpProvider -
Using cached Channel [id: 0xacb8886b, /127.0.0.1:56571 => localhost/127.0.0.1:8085]
for request
DefaultHttpRequest(chunked: false)
POST /services/mail/reindex HTTP/1.1
Host: localhost:8085
Content-Type: application/x-www-form-urlencoded; charset=utf-8
Connection: keep-alive
Accept: */*
User-Agent: NING/1.0
Content-Length: 74
11:32:41.616 [New I/O worker #1] DEBUG c.n.h.c.p.n.NettyAsyncHttpProvider -
Request DefaultHttpRequest(chunked: false)
POST /services/mail/reindex HTTP/1.1
Host: localhost:8085
Content-Type: application/x-www-form-urlencoded; charset=utf-8
Connection: keep-alive
Accept: */*
User-Agent: NING/1.0
Content-Length: 74
Response DefaultHttpResponse(chunked: false)
HTTP/1.1 200 OK
Content-Type: text/xml; charset=UTF-8
Content-Length: 125
11:32:41.617 [New I/O worker #1] DEBUG c.n.h.c.p.netty.NettyConnectionsPool - Adding uri:
http://localhost:8085 for channel [id: 0xacb8886b, /127.0.0.1:56571 => localhost/127.0.0.1:8085]
<?xml version="1.0" encoding="UTF-8"?><string xmlns="http://www.blue-mind.net/xsd/sync/string.xsd"
>
<value>53</value>
</string>
task 53 started for sports@bluemind.loc
11:32:43.929 [main] DEBUG c.n.h.c.p.n.NettyAsyncHttpProvider - Using cached Channel [id:
0xacb8886b, /127.0.0.1:56571 => localhost/127.0.0.1:8085]
for uri http://localhost:8085/services/taskref/status
11:32:43.930 [main] DEBUG c.n.h.c.p.n.NettyAsyncHttpProvider -
Using cached Channel [id: 0xacb8886b, /127.0.0.1:56571 => localhost/127.0.0.1:8085]
for request
DefaultHttpRequest(chunked: false)
POST /services/taskref/status HTTP/1.1
Host: localhost:8085
Content-Type: application/x-www-form-urlencoded; charset=utf-8
Connection: keep-alive
Accept: */*
User-Agent: NING/1.0
Content-Length: 47
11:32:43.941 [New I/O worker #1] DEBUG c.n.h.c.p.n.NettyAsyncHttpProvider -
Request DefaultHttpRequest(chunked: false)
POST /services/taskref/status HTTP/1.1
Host: localhost:8085
Content-Type: application/x-www-form-urlencoded; charset=utf-8
Connection: keep-alive
Accept: */*
User-Agent: NING/1.0
```

```

Content-Length: 47
Response DefaultHttpResponse(chunked: false)
HTTP/1.1 200 OK
Content-Type: text/xml; charset=UTF-8
Content-Length: 113
11:32:43.941 [New I/O worker #1] DEBUG c.n.h.c.p.netty.NettyConnectionsPool - Adding uri:
http://localhost:8085 for channel [id: 0xacb8886b, /127.0.0.1:56571 => localhost/127.0.0.1:8085]
<?xml version="1.0" encoding="UTF-8"?><status xmlns="http://www.blue-mind.net/sync/tasks.xsd" c="
true" s="true"/>
11:32:43.963 [main] DEBUG c.n.h.c.p.netty.AsyncHttpProvider - Using cached Channel [id:
0xacb8886b, /127.0.0.1:56571 => localhost/127.0.0.1:8085]
for uri http://localhost:8085/services/login/doLogout
11:32:43.964 [main] DEBUG c.n.h.c.p.netty.AsyncHttpProvider -
Using cached Channel [id: 0xacb8886b, /127.0.0.1:56571 => localhost/127.0.0.1:8085]
for request
DefaultHttpRequest(chunked: false)
POST /services/login/doLogout HTTP/1.1
Host: localhost:8085
Content-Type: application/x-www-form-urlencoded; charset=utf-8
Connection: keep-alive
Accept: */*
User-Agent: NING/1.0
Content-Length: 40
11:32:43.973 [New I/O worker #1] DEBUG c.n.h.c.p.netty.AsyncHttpProvider -
Request DefaultHttpRequest(chunked: false)
POST /services/login/doLogout HTTP/1.1
Host: localhost:8085
Content-Type: application/x-www-form-urlencoded; charset=utf-8
Connection: keep-alive
Accept: */*
User-Agent: NING/1.0
Content-Length: 40
Response DefaultHttpResponse(chunked: false)
HTTP/1.1 200 OK
Content-Type: text/xml; charset=UTF-8
Content-Length: 125
11:32:43.974 [New I/O worker #1] DEBUG c.n.h.c.p.netty.NettyConnectionsPool - Adding uri:
http://localhost:8085 for channel [id: 0xacb8886b, /127.0.0.1:56571 => localhost/127.0.0.1:8085]
<?xml version="1.0" encoding="UTF-8"?><string xmlns="http://www.blue-mind.net/xsd/sync/string.xsd"
>
<value>OK</value>
</string>
[sports@bluemind.loc] success: true in 2034ms.
Re-index completed.

```

#### 4. Remettre en conformité les droits au travers de l'interface graphique de BlueMind.

Pour cela, se connecter en tant qu'administrateur et se rendre dans la section «Annuaire» > «Entrées d'annuaire» > sélectionner la boîte partagée > onglet «Partage» puis :

- Changer les droits d'un utilisateur, enregistrer.
- Remettre le droit initial de utilisateur, enregistrer.

 Boîte aux lettres partagée : " sports "

Paramètres basiques
Filtres
Identités
Partage

---

### PARTAGE PUBLIC

☐ Autoriser le partage public

Droit de lecture

---

### PARTAGER AVEC DES PERSONNES OU DES GROUPES EN PARTICULIER

Ajouter une personne ou un groupe...

 John Doe	Droit d'écriture et d'administration des partages	
 John Luther	Droit de lecture	
 John Smith	Droit d'écriture	

# CAS D'UNE VERSION DE BLUEMIND AVEC SÉPARATION DES METADATA DE LA PARTITION

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## Présentation

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Dans le cas d'une version de BlueMind à partir de 3.0.21 les metadata et les data sont séparées. Il faut alors reconstruire les arborescences pour les deux emplacements suivants :

- `/var/spool/cyrus/meta/`
- `/var/spool/cyrus/data/`

Par exemple sur le domaine `bluemind.loc` on a :

- `/var/spool/cyrus/meta/bluemind_loc/domain/b/bluemind.loc/`
- `/var/spool/cyrus/data/bluemind_loc/domain/b/bluemind.loc/`

Le spool de la sauvegarde correspondante est alors le suivant :

- `/var/backups/bluemind/dp_spool/rsync/192.168.78.128/mail/imap/2540/var/spool/cyrus/meta/bluemind_loc/domain/b/bluemind.loc/`
- `/var/backups/bluemind/dp_spool/rsync/192.168.78.128/mail/imap/2540/var/spool/cyrus/data/bluemind_loc/domain/b/bluemind.loc/`

## Procédure

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1. Copier les données de l'utilisateur depuis la sauvegarde dans `var/spool/cyrus/data/.....`
2. Créer l'arborescence (sans les données) correspondante dans `/var/spool/cyrus/meta/.....`
3. Copier les "fichiers meta" de la boîte mail depuis la sauvegarde `/var/backups/bluemind/dp_spool/rsync/XX.XX.XX.XX/mail/imap/XXXX` `/var/spool/cyrus/meta/` dans `/var/spool/cyrus/meta/.....`

Exemple pour une restauration dans le répertoire `restore04062105` de l'utilisateur `jdoe` :

### Création de la structure des répertoires et déplacement des "fichiers meta"

```
root@mail # cd /var/spool/cyrus/data/bluemind_loc/domain/b/bluemind.loc/j/user/jdoe/
root@mail # find restore04062105/ -type d -exec mkdir -p /var/spool/cyrus/meta/bluemind_loc/domain/b/
/bluemind.loc/j/user/jdoe/{} \;
root@mail # cd /var/backups/bluemind/dp_spool/rsync/192.168.78.128/mail/imap/2540/var/spool/cyrus/meta/
/bluemind_loc/domain/b/bluemind.loc/j/user/jdoe/
root@mail # find . -type f -name 'cyrus.*' -exec cp {} /var/spool/cyrus/meta/bluemind_loc/domain/b/
/bluemind.loc/j/user/jdoe/restore04062105/{} \;
```

## ARTICLES EN RELATION

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<https://docs.cyrus.foundation/imap/admin.html>