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Tel:+331 3971 7337 - Fax: +331 3928 9008

ISSUE: EditShare debug start&stop

Concerned platforms: LINUX Xtream storage

Vernouillet, 15.06.2011

Issue : FLOW or Arc is not starting

Procedure for checking status and verifying system integrity
Usually MySQL and flow can be in question.

DETECTING PRESENCE OF DONGLE:

```
[editshare@es-master ~]$ editshare editshare_apps.show_dongle
Storage Dongle ID: 102116
Dongle Version: 1
Major Version: 6
Minor Version: 4
ESA Flags: 15
    super_server=True
    server=True
    iscsi=True
    has_dongle_version=True
Storage [TB]: 8
Ark Expiration Date: Missing
Ark Flags: 7
    allow_master=True
    allow_disk=True
    allow_tape=True
Ark Disk Storage [TB]: 8
Ark Tape Number of Tapes: 200
Ark Expiration Date: 2060-03-03

Flow Ingest Flags: 63
    allow_ingest=True
    allow_avid_codecs=True
    allow_universal_media_files=True
    allow_codec_set_3=True
    allow_codec_set_4=True
    allow_codec_set_5=True
Flow Ingest Dongle ID: 102116
Flow Ingest Major Version: 2
Flow Ingest Minor Version: 4
Flow Ingest Total Channels: 4
    Allowed HD Channels: 0
    Allowed SD Channels: 0
    Allowed Firewire Channels: 0
    Allowed File-based Channels: 4
Flow Ingest Expiration Date: 2060-03-03

Flow DB Flags: 1
    allow_db=True
Flow DB Dongle ID: 102116
Flow DB Major Version: 2
Flow DB Minor Version: 4
Flow DB Users: 10
Flow DB Expiration Date: 2060-03-03
```

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LIST OF RUNNING STUFF IN init

```
[editshare@es-master ~]$ cd /etc/init
init.d/          initlog.conf  inittab
[editshare@es-master ~]$ cd /etc/init.d/
[editshare@es-master init.d]$ ls
acpid*          editshare-dpx*          lvm2-monitor          raids*
alsa*           editshare-esa*          mandi*                 raids.bak*
apcupsd*        editshare-flow-daemon*  mandrake_everytime*   resolvconf*
ark-disk*       editshare-flow_db_export*  mandrake_firsttime*  rpcbind*
ark-master*    editshare-server*       mdadm*                 saslauthd*
ark-tape*      editshare-superserver*  messagebus*           shorewall*
ark-ui*        editshare-web*          msec*                  single*
atalk*         functions               mysqld*                smb*
atd*           haldaemon*              netconsole*            sound*
avahi-daemon*  halt*                   netfs*                 sshd*
baculadir*     hddtemp*                network*               stinit*
baculafd*      ip6tables*              network-auth*          syslog*
baculasd*      iptables*               network-up*            tdm2*
coherence*     irqbalance*             nfs-common*            tengigtune*
courier-authdaemon*  iscsi-target*          nfs-server*            udev-post*
courier-imapd*  jabber*                 ntpd*                  vncserver*
courier-imapd-ssl*  kheader*               numlock*               vnstat*
crond*         killall*                 partmon*               xinetd*
dm*           lighttpd*                postfix*
editshare-common*  lm_sensors*            preload*
```

LIST OF ED PROCESS

```
[editshare@es-master init.d]$ sudo /etc/init
init.d/          initlog.conf  inittab
[editshare@es-master init.d]$ sudo /etc/init.d/ed
editshare-common      editshare-flow-daemon      editshare-superserver
editshare-dpx         editshare-flow_db_export  editshare-web
editshare-esa         editshare-server
[editshare@es-master init.d]$ sudo /etc/init.d/editshare-flow
editshare-flow-daemon  editshare-flow_db_export
```

STOP / RESTART & CHECK FLOW DAEMON

```
[editshare@es-master init.d]$ sudo /etc/init.d/editshare-flow-daemon stop
Stopping Editshare flow-daemon: [ OK ]
[editshare@es-master init.d]$ sudo /etc/init.d/editshare-flow-daemon start
Starting Editshare flow-daemon: [ OK ]
[editshare@es-master init.d]$ sudo /etc/init.d/editshare-flow-daemon status
Editshare flow-daemon-bin (pid 4415) is running...
[editshare@es-master init.d]$
[editshare@es-master init.d]$
```

Query All packages containing “flow”

```
[editshare@es-master init.d]$
[editshare@es-master init.d]$ rpm -qa | grep flow

editshare-flow_db_export-2.0.3-2010.09.20_7d9a9acb_master
flow-scan-2.0.5.4-r26485.es6
flow-qtref-2.0.5.4-r26485.es6
```

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```
flow-vfs-2.0.5.4-r26485.es6
flow-proxy-2.0.5.4-r26485.es6
flow-tools-2.0.5.4-r26485.es6
flow-admin-2.0.5.4-r26485.es6
flow-ingest-2.0.5.4-r26485.es6
flow-database-2.0.5.4-r26485.es6
flow-all-20100909.103817-ee23769
flow-daemon-2.0.5.4-r26485.es6
flow-clients-2.0.5.4-r26486.es6
[editshare@es-master init.d]$
[editshare@es-master init.d]$
```

IS FLOW RUNNING

```
[editshare@es-master init.d]$
[editshare@es-master init.d]$ ps aux | grep flow
root      3672  0.0  0.2 124724 13784 ?        S    12:45   0:00 /usr/bin/editshare-root --retry-on-fail
flow_db.flow_db_export
501       4415  0.1  0.1 280180  8748 ?        S1   13:13   0:27 /opt/editshare/share/flow/flow-daemon-bin
-log -pidfile /var/run/editshare/flow-daemon.pid
501       4422  0.0  0.1 277688 10504 ?        S1   13:13   0:07 /opt/editshare/share/flow/flow-admin-bin
-log
501       4426  0.0  0.1 109080  9368 ?        S    13:13   0:04 /opt/editshare/share/flow/flow-scan-bin -
log
501       4455  0.0  0.5 330104 32528 ?        S1   13:13   0:06 /opt/editshare/share/flow/flow-ingest-bin
-log
501       6575  0.0  0.0   7372   928 pts/1    S+   17:14   0:00 grep --color flow
[editshare@es-master init.d]$
```

WILL IT RESTART AT REBOOT ?

```
[editshare@es-master init.d]$ chkconfig | grep mysql
mysqld    0:off  1:off  2:on   3:on   4:on   5:on   6:off  7:off
[editshare@es-master init.d]$
[editshare@es-master init.d]$
[editshare@es-master init.d]$
[editshare@es-master init.d]$ chkconfig | grep flow
editshare-flow-daemon  0:off  1:off  2:off  3:on   4:on   5:on   6:off  7:off
editshare-flow_db_export  0:off  1:off  2:on   3:on   4:on   5:on   6:off  7:off
[editshare@es-master init.d]$
[editshare@es-master init.d]$
[editshare@es-master init.d]$
```

CHECKING SCRIPTS

```
[editshare@es-master init.d]$ cd /opt/editshare/scripts/
[editshare@es-master scripts]$ su
Password:
[root@es-master scripts]#

[root@es-master scripts]# ./setup
setup_admin.sh          setup_esa.sh           setup_mysql.sh
setup_ark.sh            setup_ewc.sh           setup_proxy.sh
setup_daemon.sh         setup_flow_db_export.sh setup_scan.sh
setup_database.sh       setup_ingest.sh
[root@es-master scripts]# ./setup_mysql.sh -c
location: /RAIDS/RAID_3/editshare/mysql
status: running
installed: true
quota: 2048 GB
[root@es-master scripts]#
[root@es-master scripts]#
[root@es-master scripts]#
[root@es-master scripts]# mysql
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 847
Server version: 5.1.42-log Mandriva Linux - MySQL Standard Edition (GPL)
```

INTERLAB, 5 rue Jacques Grévin, 78540 Vernouillet, France – Tel: +33 1 3971 7337 – Fax: +33 1 3928 9008
Email: Sales@Interlab-net.com - Vat Id: FR-12.330.255.415 – Siret: 330.255.415.00011

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

```
mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| admin |
| arktape |
| backups |
| editshare |
| flow_bins |
| flow_custom |
| flow_scan |
| mysql |
| settings |
| test |
+-----+
11 rows in set (0.01 sec)
mysql> exit
Bye
```

FLOW DAEMON RESTART

```
[root@es-master scripts]# cd /var/log/editshare/
[root@es-master editshare]#
[root@es-master editshare]#
[root@es-master editshare]# emacs floew-admin.log &
[1] 6636
[root@es-master editshare]# emacs flow-admin.log &
[2] 6638
[1] Done emacs floew-admin.log
[root@es-master editshare]# service editshare-flow-daemon restart
Stopping Editshare flow-daemon: [ OK ]
Starting Editshare flow-daemon: [ OK ]
[2]+ Done emacs flow-admin.log
```

DYNAMIC CHECKING LOGS

```
[root@es-master editshare]# tail -f flow-admin.log
ark notification id: 197
(D) 2011-05-20 17:16:33.825: ark message: "05/20/11 17:10:15: 'DSRAW' has been added to the
queue"
(D) 2011-05-20 17:16:33.825:
ark tag: "ark_job_complete"
(D) 2011-05-20 17:16:33.825:
ark notification id: 198
(D) 2011-05-20 17:16:33.825: ark message: "05/20/11 17:10:15: Backup 'DSRAW' complete"
(D) 2011-05-20 17:16:33.867:
acknowledgeNotifications
""
(D) 2011-05-20 17:16:44.472: AdminServerImplProxy::login: "david" (@ "192.168.1.5" ) to use
browse
(D) 2011-05-20 17:16:44.474: EditShareServerImpl::CTOR
(D) 2011-05-20 17:16:44.537: EditShareServerImpl::DTOR
(D) 2011-05-20 17:16:44.538: Flow users: david, editshare, flow, joedit
(D) 2011-05-20 17:16:44.538: ES users: david, flow, joedit
(D) 2011-05-20 17:16:44.538: Flow users who aren't ES users: editshare
(D) 2011-05-20 17:16:44.544: Login user: david @ 192.168.1.5 for browse
(D) 2011-05-20 17:16:44.544: Checking for user
(D) 2011-05-20 17:16:44.544: Users:
```