KBEC-00208 - INTERNAL - Safing a Flow database

Created by Anders Wallgren, last modified by Suresh Venkatesan on Aug 17, 2017

Description

You already have a database server instance and you want to bring up a second server instance without interfering with another server running on the 'live' instance of the data.

Solution

Follow these instructions before connecting a new Flow instance to the database copy.

Disable schedules (same as ectool import --disableSchedules 1)

```
UPDATE ec_schedule
SET    disabled = 1;
```

Disable resources

```
UPDATE ec_resource
SET    disabled = 1;
```

If there are no localhost agents make one of them as localhost provided the commander server machine has a local agent installed as well.

Note: We need a local agent before doing the "Delete all non-localhost agents" step mentioned below

```
Check if there is already a 'localhost' agent using:

select * from ec_resource where agent_id IN ( select MAX(id) from ec_agent where host_name = '

If there is no 'localhost' agent make one of them as localhost , provided the Flow server machi
Otherwise install a localhost agent in the Flow server machine so it can use this database copy

UPDATE ec_agent
SET  host_name = 'localhost'
where id = (SELECT x.* FROM (SELECT MAX(id) FROM ec_agent) x);
```

Set all non-local Resources to a localhost agent

```
UPDATE ec_resource
SET    agent_id = (SELECT Max(id)
                   FROM   ec_agent
                   WHERE  host_name = 'localhost')
WHERE  EXISTS (SELECT 1
               FROM   ec_agent
```

```
                WHERE  id = agent_id
                       AND ( host_name != 'localhost'
                             OR host_name IS NULL ));
```

Point any resource usage records at the localhost agent

```
UPDATE ec_resource_usage
SET    agent_id = (SELECT Max(id)
                   FROM   ec_agent
                   WHERE  host_name = 'localhost');
```

Delete all non-localhost agents

```
DELETE FROM ec_agent
WHERE  host_name != 'localhost'
        OR host_name IS NULL;
```

Delete admin user, so it gets recreated with default password

```
DELETE FROM ec_user
WHERE  name = 'admin';
```

Delete rows in message table

```
DELETE FROM ec_message;
```

Delete session auth records (never in ectool imports)

```
DELETE FROM ec_session_auth;
If this sql fails then run:

DELETE FROM ec_session_authentication;

Note: In oracle the table is named "EC_SESSION_AUTHENTICATION" so you will have to do :
DELETE FROM  EC_SESSION_AUTHENTICATION;
```

Delete sessions (never in ectool imports)

```
DELETE FROM ec_session;
```

Next follow the steps in http://wiki/display/ec/Ignore+Server+and+Passkey+Mismatch as your second Flow server instance hostname and passkey will be different from that in the database copy.

database safing commander server live instance