**Round4: Instruction for Juniper.3 152**

1. **To check the changes from Juniper.2(133) to Juniper.3(152)**
2. **Install Custom registration app on the Juniper.3(152)**
3. **Migrate fresh data from Ironwood.master to Juniper.3**

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As per the Pravin’s Following findings for Juniper.3 server: 10.129.103.151

Following are major findings for given test server:

1. Users cannot logout after clicking on Username and Platform Logo.

2. Server Time is not set as per IST. Currently UTC timing is shown for published content in CMS.

3. Course not visible as learner/student even after publishing the course content. Error is shown as follows:

"Page not found.

The page that you were looking for was not found. Go back to the homepage ."

4. When course content is created and published in CMS, it is not visible in LMS even with STAFF and student roles.

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**Rows of django\_migrations**

**Table: django\_migrations**

| **Databases** | **Fresh Ironwood.master** | **Fresh Juniper.2** | **Fresh data Migrated Juniper.2** | **Fresh Juniper.3** |
| --- | --- | --- | --- | --- |
| **analytics-api** | 38 | 53 | 53 | 53 |
| **dashboard** | 37 | 46 | 46 | 46 |
| **discovery** | 292 | 440 | 440 | 440 |
| **ecommerce** | 264 | 354 | 354 | 352 |
| **edxapp** | 503 | 710 | 710 | 684 |
| **edxapp\_csmh** | 503 | 710 | 710 | 684 |
| **xqueue** | 16 | 22 | 22 | 22 |

**Conclusion:** The above Red mark texts are showing an unexpected number of migrations, we are expected migrations should be increased in the next release.

For details refer the following section

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**On Juniper.3 server: 10.129.103.152:**

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In MySQL:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SELECT COUNT(\*), TABLE\_SCHEMA

FROM `information\_schema`.`TABLES`

WHERE TABLE\_SCHEMA

NOT IN ('mysql','information\_schema','performance\_schema')

GROUP BY TABLE\_SCHEMA;

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

+----------+---------------+

| COUNT(\*) | TABLE\_SCHEMA |

+----------+---------------+

| 19 | analytics-api |

| 24 | dashboard |

| 146 | discovery |

| 151 | ecommerce |

| 407 | edxapp |

| 2 | edxapp\_csmh |

| 11 | xqueue |

+----------+---------------+

7 rows in set (0.02 sec)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SELECT TABLE\_SCHEMA FROM information\_schema.TABLES WHERE UPPER(TABLE\_NAME)='DJANGO\_MIGRATIONS';

+---------------+

| TABLE\_SCHEMA |

+---------------+

| analytics-api |

| dashboard |

| discovery |

| ecommerce |

| edxapp |

| edxapp\_csmh |

| xqueue |

+---------------+

7 rows in set (0.01 sec)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

select count(\*) from `analytics-api`.django\_migrations;

select count(\*) from dashboard.django\_migrations;

select count(\*) from discovery.django\_migrations;

select count(\*) from ecommerce.django\_migrations;

select count(\*) from edxapp.django\_migrations;

select count(\*) from edxapp\_csmh.django\_migrations;

select count(\*) from xqueue.django\_migrations;

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mysql> select count(\*) from `analytics-api`.django\_migrations;

+----------+

| count(\*) |

+----------+

| 53 |

+----------+

1 row in set (0.08 sec)

mysql> select count(\*) from dashboard.django\_migrations;

+----------+

| count(\*) |

+----------+

| 46 |

+----------+

1 row in set (0.00 sec)

mysql> select count(\*) from discovery.django\_migrations;

+----------+

| count(\*) |

+----------+

| 440 |

+----------+

1 row in set (0.00 sec)

mysql> select count(\*) from ecommerce.django\_migrations;

+----------+

| count(\*) |

+----------+

| 352 |

+----------+

1 row in set (0.00 sec)

mysql> select count(\*) from edxapp.django\_migrations;

+----------+

| count(\*) |

+----------+

| 684 |

+----------+

1 row in set (0.00 sec)

mysql> select count(\*) from edxapp\_csmh.django\_migrations;

+----------+

| count(\*) |

+----------+

| 684 |

+----------+

1 row in set (0.00 sec)

mysql> select count(\*) from xqueue.django\_migrations;

+----------+

| count(\*) |

+----------+

| 22 |

+----------+

1 row in set (0.01 sec)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Result of Fresh Data Migrated Juniper.2 machine:**

Number of rows in the django\_migrations table of analytics-api database: 53

Number of rows in the django\_migrations table of dashboard database: 46

Number of rows in the django\_migrations table of discovery database: 440

Number of rows in the django\_migrations table of ecommerce database: 354

Number of rows in the django\_migrations table of edxapp database: 710

Number of rows in the django\_migrations table of edxapp\_csmh database: 710

Number of rows in the django\_migrations table of xqueue database: 22

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**On the Juniper.3 machine:**

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**Stop all the services of Juniper machine:**

sudo /edx/bin/supervisorctl status all

sudo /edx/bin/supervisorctl stop all

sudo /edx/bin/supervisorctl status all

# Confirm all services are STOP

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

analytics\_api STOPPED Dec 03 01:59 PM

certs STOPPED Dec 03 01:59 PM

cms STOPPED Dec 03 01:59 PM

discovery STOPPED Dec 03 01:59 PM

ecommerce STOPPED Dec 03 01:59 PM

ecomworker STOPPED Dec 03 01:59 PM

edxapp\_worker:cms\_default\_1 STOPPED Dec 03 02:00 PM

edxapp\_worker:cms\_high\_1 STOPPED Dec 03 02:00 PM

edxapp\_worker:lms\_default\_1 STOPPED Dec 03 02:00 PM

edxapp\_worker:lms\_high\_1 STOPPED Dec 03 02:00 PM

edxapp\_worker:lms\_high\_mem\_1 STOPPED Dec 03 02:00 PM

forum STOPPED Dec 03 01:59 PM

insights STOPPED Dec 03 01:59 PM

lms STOPPED Dec 03 01:59 PM

notifier-celery-workers STOPPED Dec 03 01:59 PM

notifier-scheduler STOPPED Dec 03 01:59 PM

xqueue STOPPED Dec 03 01:59 PM

xqueue\_consumer STOPPED Dec 03 01:59 PM

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Check the release of machine**

cd /var/tmp/configuration/

git branch

\* (HEAD detached at open-release/juniper.3)

Master

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

git diff

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

None

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Setting Machine:**

**Set Title of terminal**

vi .bashrc

Add at the END OF FILE

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# function to set terminal title

function set-title(){

if [[ -z "$ORIG" ]]; then

ORIG="$PS1"

fi

TITLE="\[\e]2;$\*\a\]"

PS1="${ORIG}${TITLE}"

}

if [ ! -z "$SET\_TITLE" ]; then

set-title $SET\_TITLE;

export SET\_TITLE=;

fi

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Save & exit

*source .bashrc*

*set-title J3-152*

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Create user on MySQL Server:**

mysql -u root -p

select User, Host, Password, authentication\_string from mysql.user;

create user 'mig'@'' IDENTIFIED BY 'mig';

GRANT ALL PRIVILEGES ON \*.\* TO 'mig'@'' WITH GRANT OPTION ;

FLUSH PRIVILEGES;

select User, Host, Password, authentication\_string from mysql.user;

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

-- confirm “mig” user is created in the table mysql.user

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

-- -------------

***-- | mig | | \*D2AAD2A31D306F85F8505A035751E2ABFEFA16B9 |***

-- -------------

Exit

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Check on newly Created user:**

mysql -u mig -p

Enter password:mig

show databases;

--Exit from MySQL

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**To access** **MySQL Server from Remote machine:**

sudo vi /etc/mysql/mysql.conf.d/mysqld.cnf

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Search **bind-address**

**bind-address = 0.0.0.0 # 127.0.0.1**

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Save & exit

sudo /etc/init.d/mysql status

sudo /etc/init.d/mysql restart

sudo /etc/init.d/mysql status

**Check from the remote machine(personal machine):**

mysql -u mig -p -h 10.129.103.152

Enter password:mig

show databases;

exit

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**For Mongo database:**

mongo -u admin -p password localhost:27017 --authenticationDatabase admin

MongoDB shell version v3.6.17

connecting to: mongodb://localhost:27017/test?authSource=admin&gssapiServiceName=mongodb

2020-11-03T14:56:13.372+0530 E QUERY [thread1] Error: Authentication failed. :

connect@src/mongo/shell/mongo.js:263:13

@(connect):1:6

exception: connect failed

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# Admin User is not exit, need to create a super user in Mongo

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sudo vi /etc/mongod.conf

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

security:

authorization: enabled

keyFile: /etc/mongodb\_key

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Make it as follow

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

#security:

#authorization: enabled

#keyFile: /etc/mongodb\_key

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Save & exit

**Restart the mongo services:**

sudo service mongod status

sudo service mongod restart

sudo service mongod status

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

mongo

use admin

show users;

show collections

db.createUser({user:"edxadmin",pwd:"password",roles:[{role:"root",db:"admin"}]})

show users;

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

edx@edx:~$ mongo

MongoDB shell version v3.6.17

connecting to: mongodb://127.0.0.1:27017/?gssapiServiceName=mongodb

Implicit session: session { "id" : UUID("f42b4b16-8676-4063-b0c5-c08d96ece565") }

MongoDB server version: 3.6.17

Welcome to the MongoDB shell.

For interactive help, type "help".

For more comprehensive documentation, see

http://docs.mongodb.org/

Questions? Try the support group

http://groups.google.com/group/mongodb-user

Server has startup warnings:

2020-12-03T14:56:11.087+0530 I STORAGE [initandlisten]

2020-12-03T14:56:11.088+0530 I STORAGE [initandlisten] \*\* WARNING: Using the XFS filesystem is strongly recommended with the WiredTiger storage engine

2020-12-03T14:56:11.088+0530 I STORAGE [initandlisten] \*\* See http://dochub.mongodb.org/core/prodnotes-filesystem

2020-12-03T14:56:12.787+0530 I CONTROL [initandlisten]

2020-12-03T14:56:12.787+0530 I CONTROL [initandlisten] \*\* WARNING: Access control is not enabled for the database.

2020-12-03T14:56:12.787+0530 I CONTROL [initandlisten] \*\* Read and write access to data and configuration is unrestricted.

2020-12-03T14:56:12.787+0530 I CONTROL [initandlisten]

rs0:PRIMARY> use admin

switched to db admin

rs0:PRIMARY> show users;

{

"\_id" : "admin.admin",

"userId" : UUID("034349aa-ebd3-45c7-96ff-180182eff92f"),

"user" : "admin",

"db" : "admin",

"roles" : [

{

"role" : "root",

"db" : "admin"

}

]

}

rs0:PRIMARY> show collections

system.keys

system.users

system.version

rs0:PRIMARY> db.createUser({user:"edxadmin",pwd:"password",roles:[{role:"root",db:"admin"}]})

Successfully added user: {

"user" : "edxadmin",

"roles" : [

{

"role" : "root",

"db" : "admin"

}

]

}

rs0:PRIMARY> show users;

{

"\_id" : "admin.admin",

"userId" : UUID("034349aa-ebd3-45c7-96ff-180182eff92f"),

"user" : "admin",

"db" : "admin",

"roles" : [

{

"role" : "root",

"db" : "admin"

}

]

}

{

"\_id" : "admin.edxadmin",

"userId" : UUID("f80dba51-ff16-4c9a-aec1-78cd224ffbd6"),

"user" : "edxadmin",

"db" : "admin",

"roles" : [

{

"role" : "root",

"db" : "admin"

}

]

}

rs0:PRIMARY>

bye

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

exit mongo

**Reset security:**

sudo vi /etc/mongod.conf

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

#security:

#authorization: enabled

#keyFile: /etc/mongodb\_key

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Make it as follow

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

security:

authorization: enabled

keyFile: /etc/mongodb\_key

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Save & exit

**Restart Mongo Services:**

sudo service mongod status

sudo service mongod restart

sudo service mongod status

**Login in Mongo using newly created user**

mongo -u edxadmin -p password localhost:27017 --authenticationDatabase admin

show dbs

use admin

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

edx@edx:~$ mongo -u edxadmin -p password localhost:27017 --authenticationDatabase admin

MongoDB shell version v3.6.17

connecting to: mongodb://localhost:27017/test?authSource=admin&gssapiServiceName=mongodb

Implicit session: session { "id" : UUID("991631aa-884c-4ce8-9b9b-8eb40d9d22a0") }

MongoDB server version: 3.6.17

Server has startup warnings:

2020-12-03T15:01:54.262+0530 I STORAGE [initandlisten]

2020-12-03T15:01:54.262+0530 I STORAGE [initandlisten] \*\* WARNING: Using the XFS filesystem is strongly recommended with the WiredTiger storage engine

2020-12-03T15:01:54.262+0530 I STORAGE [initandlisten] \*\* See http://dochub.mongodb.org/core/prodnotes-filesystem

rs0:PRIMARY> show dbs

admin 0.000GB

config 0.000GB

cs\_comments\_service 0.000GB

edxapp 0.014GB

local 0.016GB

rs0:PRIMARY> use admin

switched to db admin

rs0:PRIMARY>

bye  
exit mongo

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**To access mongo server from remote machine:**

sudo vi /etc/mongod.conf

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Search **bind\_ip**

bindIp: 0.0.0.0 #127.0.0.1

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Save & exit

**Restart Mongo Services:**

sudo service mongod status

sudo service mongod restart

sudo service mongod status

netstat -tpln

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Confirm:

tcp 0 0 0.0.0.0:27017 0.0.0.0:\* LISTEN -

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Check from the remote machine(personal machine):**

mongo -u edxadmin -p password 10.129.103.152:27017 --authenticationDatabase admin

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

show dbs

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

exit mongo

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**Note versions:**

mongod --version

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db version v3.6.17

git version: 3d6953c361213c5bfab23e51ab274ce592edafe6

OpenSSL version: OpenSSL 1.0.2g 1 Mar 2016

allocator: tcmalloc

modules: none

build environment:

distmod: ubuntu1604

distarch: x86\_64

target\_arch: x86\_64

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**On Juniper.2 machine 122:**

mongod --version

db version v3.6.21

git version: 1cd2db51dce4b16f4bc97a75056269df0dc0bddb

OpenSSL version: OpenSSL 1.0.2g 1 Mar 2016

allocator: tcmalloc

modules: none

build environment:

distmod: ubuntu1604

distarch: x86\_64

target\_arch: x86\_64

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**Note it was:** db version v3.6.17 on Fresh Juniper Machine. It might be changed in the Migration process in which it upgrades the system.

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mysql --version

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mysql Ver 14.14 Distrib 5.6.32, for debian-linux-gnu (x86\_64) using EditLine wrapper

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**OpenedX OS Platform:**

python --version

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Python 2.7.12

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python3 --version

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Python 3.5.2

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**OpenedX Virtual Environment:**

**To activate Virtual Environment**

source /edx/app/edxapp/venvs/edxapp/bin/activate

python --version

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Python 3.5.2

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

python3 --version

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Python 3.5.2

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Check OS version of OpenedX Juniper machine:**

lsb\_release -rs

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16.04

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**Now the machine is ready for task,**

1. **Take Fresh Backup**

**On Local machine:**

cd iitbombayxdbupgrade/Script/DumpScript

vi parameter.config # Set credentials

bash dump.sh

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Output:

openedx-data-<time-stamp>.tgz

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

To extract the contents of the tar file.

tar -xvf openedx-data-<**time-stamp**>.tgz

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mkdir FJ3-152

mv mongo-dump-**20201203T175506**/ mysql-structure-data-**20201203T175506**.sql FJ3-152/

tree FJ3-152/

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FJ3-152/

├── mongo-dump-**20201203T175506**

│ ├── cs\_comments\_service

│ │ ├── users.bson

│ │ └── users.metadata.json

│ └── edxapp

│ ├── fs.chunks.bson

│ ├── fs.chunks.metadata.json

│ ├── fs.files.bson

│ ├── fs.files.metadata.json

│ ├── modulestore.active\_versions.bson

│ ├── modulestore.active\_versions.metadata.json

│ ├── modulestore.definitions.bson

│ ├── modulestore.definitions.metadata.json

│ ├── modulestore.structures.bson

│ └── modulestore.structures.metadata.json

└── mysql-structure-data-20201203T175506.sql

3 directories, 13 files

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**Compare the dump of Fresh Juniper.2-123 Vs Fresh Juniper.3-152:**

diff -wy --suppress-common-lines FJ3-152/ FJ123/

Only in FJ123/: mongo-dump-20201103T164707

Only in FJ3-152/: mongo-dump-20201203T175506

Only in FJ123/: mysql-data-20201103T164707.sql

Only in FJ123/: mysql-structure-20201103T164707.sql

Only in FJ123/: mysql-structure-data-20201103T164707.sql

Only in FJ3-152/: mysql-structure-data-20201203T175506.sql

sarita@dbpsysads-desktop:~/VM Dump$ diff -wy --suppress-common-lines FJ3-152//mysql-structure-data-20201203T175506.sql FJ123//mysql-structure-data-20201103T164707.sql

-- Host: 10.129.103.152 Database: analytics-api | -- Host: 10.129.103.123 Database: analytics-api

UNIQUE KEY `course\_metadata\_course\_partner\_id\_uuid\_draft\_6b <

> UNIQUE KEY `course\_metadata\_course\_partner\_id\_uuid\_draft\_6b

) ENGINE=InnoDB AUTO\_INCREMENT=1577 DEFAULT CHARSET=utf8; | ) ENGINE=InnoDB AUTO\_INCREMENT=1589 DEFAULT CHARSET=utf8;

) ENGINE=InnoDB DEFAULT CHARSET=utf8; | ) ENGINE=InnoDB AUTO\_INCREMENT=2 DEFAULT CHARSET=utf8;

> -- Table structure for table `ccx\_ccxfieldoverride`

> --

>

> DROP TABLE IF EXISTS `ccx\_ccxfieldoverride`;

> /\*!40101 SET @saved\_cs\_client = @@character\_set\_client \*/

> /\*!40101 SET character\_set\_client = utf8 \*/;

> CREATE TABLE `ccx\_ccxfieldoverride` (

> `id` int(11) NOT NULL AUTO\_INCREMENT,

> `location` varchar(255) NOT NULL,

> `field` varchar(255) NOT NULL,

> `value` longtext NOT NULL,

> `ccx\_id` int(11) NOT NULL,

> PRIMARY KEY (`id`),

> UNIQUE KEY `ccx\_ccxfieldoverride\_ccx\_id\_location\_field\_1f8b

> KEY `ccx\_ccxfieldoverride\_location\_a4031d17` (`location`),

> CONSTRAINT `ccx\_ccxfieldoverride\_ccx\_id\_21c0d0f9\_fk\_ccx\_cus

> ) ENGINE=InnoDB DEFAULT CHARSET=utf8;

> /\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

>

> --

> -- Table structure for table `ccx\_customcourseforedx`

> --

>

> DROP TABLE IF EXISTS `ccx\_customcourseforedx`;

> /\*!40101 SET @saved\_cs\_client = @@character\_set\_client \*/

> /\*!40101 SET character\_set\_client = utf8 \*/;

> CREATE TABLE `ccx\_customcourseforedx` (

> `id` int(11) NOT NULL AUTO\_INCREMENT,

> `course\_id` varchar(255) NOT NULL,

> `display\_name` varchar(255) NOT NULL,

> `coach\_id` int(11) NOT NULL,

> `structure\_json` longtext,

> PRIMARY KEY (`id`),

> KEY `ccx\_customcourseforedx\_coach\_id\_efe121f7\_fk\_auth\_user\_

> KEY `ccx\_customcourseforedx\_course\_id\_30e79b52` (`course\_id

> CONSTRAINT `ccx\_customcourseforedx\_coach\_id\_efe121f7\_fk\_aut

> ) ENGINE=InnoDB DEFAULT CHARSET=utf8;

> /\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

>

> --

> -- Table structure for table `ccxcon\_ccxcon`

> --

>

> DROP TABLE IF EXISTS `ccxcon\_ccxcon`;

> /\*!40101 SET @saved\_cs\_client = @@character\_set\_client \*/

> /\*!40101 SET character\_set\_client = utf8 \*/;

> CREATE TABLE `ccxcon\_ccxcon` (

> `id` int(11) NOT NULL AUTO\_INCREMENT,

> `url` varchar(200) NOT NULL,

> `oauth\_client\_id` varchar(255) NOT NULL,

> `oauth\_client\_secret` varchar(255) NOT NULL,

> `title` varchar(255) NOT NULL,

> PRIMARY KEY (`id`),

> UNIQUE KEY `url` (`url`)

> ) ENGINE=InnoDB DEFAULT CHARSET=utf8;

> /\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

>

> --

KEY `completion\_blockcompletio\_user\_id\_course\_key\_modifi\_ed <

> KEY `completion\_blockcompletio\_user\_id\_course\_key\_modifi\_ed

UNIQUE KEY `content\_libraries\_conten\_library\_id\_group\_id\_3e <

> UNIQUE KEY `content\_libraries\_conten\_library\_id\_group\_id\_3e

) ENGINE=InnoDB DEFAULT CHARSET=utf8; | ) ENGINE=InnoDB AUTO\_INCREMENT=7 DEFAULT CHARSET=utf8;

) ENGINE=InnoDB DEFAULT CHARSET=utf8; | ) ENGINE=InnoDB AUTO\_INCREMENT=3 DEFAULT CHARSET=utf8;

) ENGINE=InnoDB DEFAULT CHARSET=utf8; | ) ENGINE=InnoDB AUTO\_INCREMENT=2 DEFAULT CHARSET=utf8;

) ENGINE=InnoDB AUTO\_INCREMENT=394 DEFAULT CHARSET=utf8; | ) ENGINE=InnoDB AUTO\_INCREMENT=397 DEFAULT CHARSET=utf8;

) ENGINE=InnoDB AUTO\_INCREMENT=685 DEFAULT CHARSET=utf8; | ) ENGINE=InnoDB AUTO\_INCREMENT=693 DEFAULT CHARSET=utf8;

) ENGINE=InnoDB DEFAULT CHARSET=utf8; | ) ENGINE=InnoDB AUTO\_INCREMENT=2 DEFAULT CHARSET=utf8;

) ENGINE=InnoDB AUTO\_INCREMENT=7 DEFAULT CHARSET=utf8; | ) ENGINE=InnoDB AUTO\_INCREMENT=3 DEFAULT CHARSET=utf8;

) ENGINE=InnoDB AUTO\_INCREMENT=7 DEFAULT CHARSET=utf8; | ) ENGINE=InnoDB AUTO\_INCREMENT=3 DEFAULT CHARSET=utf8;

UNIQUE KEY `program\_enrollments\_prog\_external\_user\_key\_prog <

> UNIQUE KEY `program\_enrollments\_prog\_external\_user\_key\_prog

) ENGINE=InnoDB DEFAULT CHARSET=utf8; | ) ENGINE=InnoDB AUTO\_INCREMENT=2 DEFAULT CHARSET=utf8;

) ENGINE=InnoDB AUTO\_INCREMENT=2 DEFAULT CHARSET=utf8; | ) ENGINE=InnoDB AUTO\_INCREMENT=4 DEFAULT CHARSET=utf8;

) ENGINE=InnoDB DEFAULT CHARSET=utf8; | ) ENGINE=InnoDB AUTO\_INCREMENT=4 DEFAULT CHARSET=utf8;

) ENGINE=InnoDB AUTO\_INCREMENT=685 DEFAULT CHARSET=utf8; | ) ENGINE=InnoDB AUTO\_INCREMENT=693 DEFAULT CHARSET=utf8;

KEY `queue\_submission\_queue\_name\_retired\_pull\_t\_80b1802d\_id <

KEY `queue\_submission\_queue\_name\_retired\_push\_t\_0ab1b8f2\_id | KEY `queue\_submission\_queue\_name\_retired\_push\_t\_0ab1b8f2\_id

> KEY `queue\_submission\_queue\_name\_retired\_pull\_t\_80b1802d\_id

-- Dump completed on 2020-12-03 17:55:25 | -- Dump completed on 2020-11-03 16:47:41

-- Host: 10.129.103.152 Database: analytics-api | -- Host: 10.129.103.123 Database: analytics-api

INSERT INTO `auth\_permission` VALUES (1,'Can add user',1,'add | INSERT INTO `auth\_permission` VALUES (1,'Can add group',1,'ad

INSERT INTO `auth\_user` VALUES (1,'',NULL,0,'dummy-api-user', | INSERT INTO `auth\_user` VALUES (1,'',NULL,0,'dummy-api-user',

INSERT INTO `authtoken\_token` VALUES ('changeme','2020-11-11 | INSERT INTO `authtoken\_token` VALUES ('changeme','2020-07-20

INSERT INTO `django\_content\_type` VALUES (7,'admin','logentry | INSERT INTO `django\_content\_type` VALUES (7,'admin','logentry

INSERT INTO `django\_migrations` VALUES (1,'contenttypes','000 | INSERT INTO `django\_migrations` VALUES (1,'contenttypes','000

INSERT INTO `enterprise\_data\_roles\_enterprisedatafeaturerole` | INSERT INTO `enterprise\_data\_roles\_enterprisedatafeaturerole`

INSERT INTO `auth\_permission` VALUES (1,'Can add group',1,'ad | INSERT INTO `auth\_permission` VALUES (1,'Can add group',2,'ad

INSERT INTO `django\_content\_type` VALUES (6,'admin','logentry | INSERT INTO `django\_content\_type` VALUES (6,'admin','logentry

INSERT INTO `django\_migrations` VALUES (1,'contenttypes','000 | INSERT INTO `django\_migrations` VALUES (1,'contenttypes','000

INSERT INTO `auth\_permission` VALUES (1,'Can add log entry',1 | INSERT INTO `auth\_permission` VALUES (1,'Can add log entry',1

INSERT INTO `course\_metadata\_courseruntype` VALUES (1,'2020-1 | INSERT INTO `course\_metadata\_courseruntype` VALUES (1,'2020-0

INSERT INTO `course\_metadata\_coursetype` VALUES (1,'2020-11-1 | INSERT INTO `course\_metadata\_coursetype` VALUES (1,'2020-07-2

INSERT INTO `course\_metadata\_mode` VALUES (1,'2020-11-11 14:4 | INSERT INTO `course\_metadata\_mode` VALUES (1,'2020-07-20 01:3

INSERT INTO `course\_metadata\_programtype` VALUES (1,'2020-11- | INSERT INTO `course\_metadata\_programtype` VALUES (1,'2020-07-

INSERT INTO `course\_metadata\_seattype` VALUES (1,'2020-11-11 | INSERT INTO `course\_metadata\_seattype` VALUES (1,'2020-07-20

INSERT INTO `course\_metadata\_track` VALUES (1,'2020-11-11 14: | INSERT INTO `course\_metadata\_track` VALUES (1,'2020-07-20 01:

INSERT INTO `django\_content\_type` VALUES (1,'admin','logentry | INSERT INTO `django\_content\_type` VALUES (1,'admin','logentry

INSERT INTO `django\_migrations` VALUES (1,'contenttypes','000 | INSERT INTO `django\_migrations` VALUES (1,'contenttypes','000

INSERT INTO `waffle\_switch` VALUES (1,'use\_company\_name\_as\_ut | INSERT INTO `waffle\_switch` VALUES (1,'use\_company\_name\_as\_ut

INSERT INTO `auth\_permission` VALUES (1,'Can add User address | INSERT INTO `auth\_permission` VALUES (1,'Can add Country',1,'

INSERT INTO `catalogue\_historicalproduct` VALUES (1,'parent', | INSERT INTO `catalogue\_historicalproduct` VALUES (1,'parent',

INSERT INTO `catalogue\_historicalproductattributevalue` VALUE | INSERT INTO `catalogue\_historicalproductattributevalue` VALUE

INSERT INTO `catalogue\_historicalproductcategory` VALUES (1,1 | INSERT INTO `catalogue\_historicalproductcategory` VALUES (1,1

INSERT INTO `catalogue\_product` VALUES (1,'parent',NULL,'Seat | INSERT INTO `catalogue\_product` VALUES (1,'parent',NULL,'Seat

INSERT INTO `core\_ecommercefeaturerole` VALUES (1,'2020-11-11 | INSERT INTO `core\_ecommercefeaturerole` VALUES (1,'2020-07-19

INSERT INTO `core\_siteconfiguration` VALUES (1,'http://127.0. | INSERT INTO `core\_siteconfiguration` VALUES (1,'http://127.0.

INSERT INTO `courses\_course` VALUES ('course-v1:edX+DemoX+Dem | INSERT INTO `courses\_course` VALUES ('course-v1:edX+DemoX+Dem

INSERT INTO `courses\_historicalcourse` VALUES ('course-v1:edX | INSERT INTO `courses\_historicalcourse` VALUES ('course-v1:edX

INSERT INTO `django\_content\_type` VALUES (2,'address','countr | INSERT INTO `django\_content\_type` VALUES (1,'address','countr

INSERT INTO `django\_migrations` VALUES (1,'contenttypes','000 | INSERT INTO `django\_migrations` VALUES (1,'contenttypes','000

INSERT INTO `ecommerce\_user` VALUES (1,'!pOJnS7s4ZovLnv7dL6w2 | INSERT INTO `ecommerce\_user` VALUES (1,'!F9QnaR9L5WkaSOQxqpmB

INSERT INTO `offer\_conditionaloffer` VALUES (1,'dynamic\_condi | INSERT INTO `offer\_conditionaloffer` VALUES (1,'dynamic\_condi

INSERT INTO `partner\_historicalpartner` VALUES (1,'','',1,1,' | INSERT INTO `partner\_historicalpartner` VALUES (1,'','',1,1,'

INSERT INTO `partner\_historicalstockrecord` VALUES (1,'68EFFF | INSERT INTO `partner\_historicalstockrecord` VALUES (1,'68EFFF

INSERT INTO `partner\_stockrecord` VALUES (1,'68EFFFF','USD',0 | INSERT INTO `partner\_stockrecord` VALUES (1,'68EFFFF','USD',0

INSERT INTO `waffle\_flag` VALUES (1,'use\_enterprise\_catalog', | INSERT INTO `waffle\_flag` VALUES (1,'use\_enterprise\_catalog',

INSERT INTO `waffle\_sample` VALUES (1,'async\_order\_fulfillmen | INSERT INTO `waffle\_sample` VALUES (1,'async\_order\_fulfillmen

INSERT INTO `waffle\_switch` VALUES (1,'publish\_course\_modes\_t | INSERT INTO `waffle\_switch` VALUES (1,'publish\_course\_modes\_t

INSERT INTO `auth\_permission` VALUES (1,'Can add group',2,'ad | INSERT INTO `auth\_permission` VALUES (1,'Can add permission',

INSERT INTO `auth\_registration` VALUES (1,'f540b74b318443c9b6 | INSERT INTO `auth\_registration` VALUES (1,'dadcf356f4364400aa

INSERT INTO `auth\_user` VALUES (1,'!1DEhfjwPPtUwTtgMychD5ndPL | INSERT INTO `auth\_user` VALUES (1,'!8RPUaEYzekXB2MMJ6e0eRKvTc

INSERT INTO `auth\_userprofile` VALUES (1,'','','course.xml',' | INSERT INTO `auth\_userprofile` VALUES (1,'','','course.xml','

INSERT INTO `bookmarks\_xblockcache` VALUES (1,'2020-11-11 14: | INSERT INTO `bookmarks\_xblockcache` VALUES (1,'2020-07-20 00:

> INSERT INTO `bulk\_email\_bulkemailflag` VALUES (1,'2020-08-25

> -- Dumping data for table `ccx\_ccxfieldoverride`

> --

>

> LOCK TABLES `ccx\_ccxfieldoverride` WRITE;

> /\*!40000 ALTER TABLE `ccx\_ccxfieldoverride` DISABLE KEYS \*/;

> /\*!40000 ALTER TABLE `ccx\_ccxfieldoverride` ENABLE KEYS \*/;

> UNLOCK TABLES;

>

> --

> -- Dumping data for table `ccx\_customcourseforedx`

> --

>

> LOCK TABLES `ccx\_customcourseforedx` WRITE;

> /\*!40000 ALTER TABLE `ccx\_customcourseforedx` DISABLE KEYS \*/

> /\*!40000 ALTER TABLE `ccx\_customcourseforedx` ENABLE KEYS \*/;

> UNLOCK TABLES;

>

> --

> -- Dumping data for table `ccxcon\_ccxcon`

> --

>

> LOCK TABLES `ccxcon\_ccxcon` WRITE;

> /\*!40000 ALTER TABLE `ccxcon\_ccxcon` DISABLE KEYS \*/;

> /\*!40000 ALTER TABLE `ccxcon\_ccxcon` ENABLE KEYS \*/;

> UNLOCK TABLES;

>

> --

INSERT INTO `certificates\_certificatehtmlviewconfiguration` V | INSERT INTO `certificates\_certificatehtmlviewconfiguration` V

INSERT INTO `certificates\_certificatewhitelist` VALUES (1,'co | INSERT INTO `certificates\_certificatewhitelist` VALUES (1,'co

INSERT INTO `course\_overviews\_courseoverview` VALUES ('2020-1 | INSERT INTO `course\_overviews\_courseoverview` VALUES ('2020-0

INSERT INTO `course\_overviews\_historicalcourseoverview` VALUE | INSERT INTO `course\_overviews\_historicalcourseoverview` VALUE

> INSERT INTO `courseware\_studentmodule` VALUES (1,'course','bl

INSERT INTO `dark\_lang\_darklangconfig` VALUES (1,'2020-11-11 | INSERT INTO `dark\_lang\_darklangconfig` VALUES (1,'2020-07-19

> INSERT INTO `django\_admin\_log` VALUES (1,'2020-08-25 10:06:46

> INSERT INTO `django\_comment\_common\_coursediscussionsettings`

INSERT INTO `django\_comment\_common\_discussionsidmapping` VALU | INSERT INTO `django\_comment\_common\_discussionsidmapping` VALU

INSERT INTO `django\_comment\_common\_forumsconfig` VALUES (1,'2 | INSERT INTO `django\_comment\_common\_forumsconfig` VALUES (1,'2

INSERT INTO `django\_content\_type` VALUES (140,'admin','logent | INSERT INTO `django\_content\_type` VALUES (140,'admin','logent

INSERT INTO `django\_migrations` VALUES (1,'contenttypes','000 | INSERT INTO `django\_migrations` VALUES (1,'contenttypes','000

INSERT INTO `edx\_when\_contentdate` VALUES (1,'course-v1:edX+D | INSERT INTO `edx\_when\_contentdate` VALUES (1,'course-v1:edX+D

INSERT INTO `edx\_when\_datepolicy` VALUES (1,'2020-11-11 14:13 | INSERT INTO `edx\_when\_datepolicy` VALUES (1,'2020-07-20 00:41

INSERT INTO `edxval\_video` VALUES (1,'2020-11-11 14:13:03.896 | INSERT INTO `edxval\_video` VALUES (1,'2020-07-20 00:40:52.928

INSERT INTO `enterprise\_enterprisecustomertype` VALUES (1,'20 | INSERT INTO `enterprise\_enterprisecustomertype` VALUES (1,'20

INSERT INTO `enterprise\_enterpriseenrollmentsource` VALUES (1 | INSERT INTO `enterprise\_enterpriseenrollmentsource` VALUES (1

INSERT INTO `enterprise\_enterprisefeaturerole` VALUES (1,'202 | INSERT INTO `enterprise\_enterprisefeaturerole` VALUES (1,'202

INSERT INTO `enterprise\_systemwideenterpriserole` VALUES (1,' | INSERT INTO `enterprise\_systemwideenterpriserole` VALUES (1,'

> INSERT INTO `experiments\_experimentdata` VALUES (1,'2020-07-2

INSERT INTO `external\_user\_ids\_externalidtype` VALUES (1,'202 | INSERT INTO `external\_user\_ids\_externalidtype` VALUES (1,'202

INSERT INTO `milestones\_milestonerelationshiptype` VALUES (1, | INSERT INTO `milestones\_milestonerelationshiptype` VALUES (1,

INSERT INTO `oauth2\_provider\_accesstoken` VALUES (1,'ZCqMTEiB | INSERT INTO `oauth2\_provider\_accesstoken` VALUES (1,'gXHdEZRl

INSERT INTO `oauth2\_provider\_application` VALUES (1,'login-se | INSERT INTO `oauth2\_provider\_application` VALUES (1,'login-se

INSERT INTO `oauth2\_provider\_refreshtoken` VALUES (1,'KXK4BM6 | INSERT INTO `oauth2\_provider\_refreshtoken` VALUES (1,'cOHirIj

> INSERT INTO `self\_paced\_selfpacedconfiguration` VALUES (1,'20

INSERT INTO `student\_anonymoususerid` VALUES (1,'282aaec54356 | INSERT INTO `student\_anonymoususerid` VALUES (1,'e4d1a03f456f

INSERT INTO `student\_courseenrollment` VALUES (1,'course-v1:e | INSERT INTO `student\_courseenrollment` VALUES (1,'course-v1:e

INSERT INTO `student\_courseenrollment\_history` VALUES (3,'202 | INSERT INTO `student\_courseenrollment\_history` VALUES (4,'202

INSERT INTO `system\_wide\_roles\_systemwiderole` VALUES (1,'202 | INSERT INTO `system\_wide\_roles\_systemwiderole` VALUES (1,'202

INSERT INTO `util\_ratelimitconfiguration` VALUES (1,'2020-11- | INSERT INTO `util\_ratelimitconfiguration` VALUES (1,'2020-07-

INSERT INTO `waffle\_sample` VALUES (1,'use\_enterprise\_catalog | INSERT INTO `waffle\_sample` VALUES (1,'use\_enterprise\_catalog

> INSERT INTO `coursewarehistoryextended\_studentmodulehistoryex

INSERT INTO `django\_migrations` VALUES (1,'contenttypes','000 | INSERT INTO `django\_migrations` VALUES (1,'contenttypes','000

INSERT INTO `auth\_permission` VALUES (1,'Can add group',3,'ad | INSERT INTO `auth\_permission` VALUES (1,'Can add user',1,'add

INSERT INTO `auth\_user` VALUES (1,'pbkdf2\_sha256$150000$D1o20 | INSERT INTO `auth\_user` VALUES (1,'pbkdf2\_sha256$150000$GWtxk

INSERT INTO `django\_migrations` VALUES (1,'contenttypes','000 | INSERT INTO `django\_migrations` VALUES (1,'contenttypes','000

INSERT INTO `django\_session` VALUES ('0bv4425v9gnb0g214fiuhhu | INSERT INTO `django\_session` VALUES ('09hv6w2bvjct5bdis936xtr

-- Dump completed on 2020-12-03 17:55:37 | -- Dump completed on 2020-11-03 16:47:47

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Mongo:**

diff -wy --suppress-common-lines FJ3-152/mongo-dump-20201203T175506/edxapp/ FJ123/mongo-dump-20201103T164707/edxapp/

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Binary files FJ3-152/mongo-dump-20201203T175506/edxapp/fs.chunks.bson and FJ123/mongo-dump-20201103T164707/edxapp/fs.chunks.bson differ

Binary files FJ3-152/mongo-dump-20201203T175506/edxapp/fs.files.bson and FJ123/mongo-dump-20201103T164707/edxapp/fs.files.bson differ

Binary files FJ3-152/mongo-dump-20201203T175506/edxapp/modulestore.active\_versions.bson and FJ123/mongo-dump-20201103T164707/edxapp/modulestore.active\_versions.bson differ

Binary files FJ3-152/mongo-dump-20201203T175506/edxapp/modulestore.definitions.bson and FJ123/mongo-dump-20201103T164707/edxapp/modulestore.definitions.bson differ

Binary files FJ3-152/mongo-dump-20201203T175506/edxapp/modulestore.structures.bson and FJ123/mongo-dump-20201103T164707/edxapp/modulestore.structures.bson differ

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

diff -wy --suppress-common-lines FJ3-152/mongo-dump-20201203T175506/cs\_comments\_service/ FJ123/mongo-dump-20201103T164707/cs\_comments\_service/

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Binary files FJ3-152/mongo-dump-20201203T175506/cs\_comments\_service/users.bson and FJ123/mongo-dump-20201103T164707/cs\_comments\_service/users.bson differ

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Conclusion**:

**MySQL**:

**Absent Tables in Juniper.3:**

1. Ccx\_ccxfieldoverride
2. Ccx\_customcourseforedx
3. Ccxcon\_ccxcon

Differences are due to “AUTO\_INCREMENT” and “INSERT INTO”, these differences are due to the number rows missing in the Juniper.3 152 Machine.

Example:

Auth\_permission Table:AUTO\_INCREMENT=1577 | AUTO\_INCREMENT=1589

Bulk\_email\_bulkemailflag Table:- | AUTO\_INCREMENT=2

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**Mongo:**

Found differences in every .bson files.

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Find reasons of Mongo differences:**

mongo -u edxadmin -p password localhost:27017 --authenticationDatabase admin

use edxapp

show users

show collections

db.getCollectionNames().forEach(function(collname) {

var c=db[collname].count();

print("Number of documents in the",collname," collection:",c);

var indexes= db[collname].getIndexes();

var i=indexes.length;

print("Number of indexes on the",collname,"collection:",i);

})

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(edxapp) edx@edx:~$ mongo -u edxadmin -p password localhost:27017 --authenticationDatabase admin

MongoDB shell version v3.6.17

connecting to: mongodb://localhost:27017/test?authSource=admin&gssapiServiceName=mongodb

Implicit session: session { "id" : UUID("70890566-3f94-4708-a23a-5114e195e30b") }

MongoDB server version: 3.6.17

Server has startup warnings:

2020-12-03T15:20:40.305+0530 I STORAGE [initandlisten]

2020-12-03T15:20:40.305+0530 I STORAGE [initandlisten] \*\* WARNING: Using the XFS filesystem is strongly recommended with the WiredTiger storage engine

2020-12-03T15:20:40.305+0530 I STORAGE [initandlisten] \*\* See http://dochub.mongodb.org/core/prodnotes-filesystem

rs0:PRIMARY>

rs0:PRIMARY> use edxapp

switched to db edxapp

rs0:PRIMARY> show users

{

"\_id" : "edxapp.edxapp",

"userId" : UUID("b72ff7f8-68f2-4885-b970-f58709f405ce"),

"user" : "edxapp",

"db" : "edxapp",

"roles" : [

{

"role" : "readWrite",

"db" : "edxapp"

}

]

}

rs0:PRIMARY> show collections

fs.chunks

fs.files

modulestore.active\_versions

modulestore.definitions

modulestore.structures

rs0:PRIMARY> db.getCollectionNames().forEach(function(collname) {

... var c=db[collname].count();

... print("Number of documents in the",collname," collection:",c);

... var indexes= db[collname].getIndexes();

... var i=indexes.length;

... print("Number of indexes on the",collname,"collection:",i);

... })

Number of documents in the fs.chunks collection: 1206

Number of indexes on the fs.chunks collection: 2

Number of documents in the fs.files collection: 1167

Number of indexes on the fs.files collection: 2

Number of documents in the modulestore.active\_versions collection: 1

Number of indexes on the modulestore.active\_versions collection: 1

Number of documents in the modulestore.definitions collection: 163

Number of indexes on the modulestore.definitions collection: 1

Number of documents in the modulestore.structures collection: 6

Number of indexes on the modulestore.structures collection: 1

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**On Fresh Juniper.2 123 edxapp database:**

Number of documents in the fs.chunks collection: 1206

Number of indexes on the fs.chunks collection: 2

Number of documents in the fs.files collection: 1167

Number of indexes on the fs.files collection: 2

Number of documents in the modulestore.active\_versions collection: 1

Number of indexes on the modulestore.active\_versions collection: 1

Number of documents in the modulestore.definitions collection: 163

Number of indexes on the modulestore.definitions collection: 1

Number of documents in the modulestore.structures collection: 6

Number of indexes on the modulestore.structures collection: 1

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

use cs\_comments\_service

show users

show collections

db.getCollectionNames().forEach(function(collname) {

var c=db[collname].count();

print("Number of documents in the",collname," collection:",c);

var indexes= db[collname].getIndexes();

var i=indexes.length;

print("Number of indexes on the",collname,"collection:",i);

})

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

rs0:PRIMARY> use cs\_comments\_service

switched to db cs\_comments\_service

rs0:PRIMARY> show users

{

"\_id" : "cs\_comments\_service.cs\_comments\_service",

"userId" : UUID("3e72fc8c-5a71-4dd2-8406-7dd8c4a2bf8d"),

"user" : "cs\_comments\_service",

"db" : "cs\_comments\_service",

"roles" : [

{

"role" : "readWrite",

"db" : "cs\_comments\_service"

}

]

}

rs0:PRIMARY> show collections

users

rs0:PRIMARY> db.getCollectionNames().forEach(function(collname) {

... var c=db[collname].count();

... print("Number of documents in the",collname," collection:",c);

... var indexes= db[collname].getIndexes();

... var i=indexes.length;

... print("Number of indexes on the",collname,"collection:",i);

... })

Number of documents in the users collection: **1**

Number of indexes on the users collection: 1

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**On Fresh Juniper.2 123** cs\_comments\_service **database:**

Number of documents in the users collection: **2**

Number of indexes on the users collection: 1

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Need fresh **Juniper.2 133 machine**

**On Juniper.2 133 :**

**Stop all the services of Juniper machine**

sudo /edx/bin/supervisorctl stop all

sudo /edx/bin/supervisorctl status all

# Confirm all services are STOP

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Restore Fresh Dump off 133 machine

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cd Dump/

mysql -uroot -p < FJ133/mysql-structure-data-20201104T164431.sql

Enter password:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*mongorestore -u edxadmin -p password -h localhost --authenticationDatabase admin --drop -d edxapp* FJ133*/mongo-dump-*20201104T164431*/edxapp*

*mongorestore -u edxadmin -p password -h localhost --authenticationDatabase admin --drop -d cs\_comments\_service* FJ133*/mongo-dump-*20201104T164431*/cs\_comments\_service*

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*mongorestore -u edxadmin -p password -h localhost --authenticationDatabase admin --drop -d edxapp FJ133/mongo-dump-20201104T164431/edxapp*

*2020-12-04T10:37:02.014+0530 the --db and --collection args should only be used when restoring from a BSON file. Other uses are deprecated and will not exist in the future; use --nsInclude instead*

*2020-12-04T10:37:02.014+0530 building a list of collections to restore from FJ133/mongo-dump-20201104T164431/edxapp dir*

*2020-12-04T10:37:02.019+0530 reading metadata for edxapp.fs.files from FJ133/mongo-dump-20201104T164431/edxapp/fs.files.metadata.json*

*2020-12-04T10:37:02.067+0530 restoring edxapp.fs.files from FJ133/mongo-dump-20201104T164431/edxapp/fs.files.bson*

*2020-12-04T10:37:02.073+0530 reading metadata for edxapp.fs.chunks from FJ133/mongo-dump-20201104T164431/edxapp/fs.chunks.metadata.json*

*2020-12-04T10:37:02.078+0530 reading metadata for edxapp.modulestore.structures from FJ133/mongo-dump-20201104T164431/edxapp/modulestore.structures.metadata.json*

*2020-12-04T10:37:02.084+0530 reading metadata for edxapp.modulestore.definitions from FJ133/mongo-dump-20201104T164431/edxapp/modulestore.definitions.metadata.json*

*2020-12-04T10:37:02.112+0530 restoring edxapp.modulestore.structures from FJ133/mongo-dump-20201104T164431/edxapp/modulestore.structures.bson*

*2020-12-04T10:37:02.143+0530 restoring edxapp.fs.chunks from FJ133/mongo-dump-20201104T164431/edxapp/fs.chunks.bson*

*2020-12-04T10:37:02.186+0530 restoring edxapp.modulestore.definitions from FJ133/mongo-dump-20201104T164431/edxapp/modulestore.definitions.bson*

*2020-12-04T10:37:02.241+0530 no indexes to restore*

*2020-12-04T10:37:02.241+0530 finished restoring edxapp.modulestore.structures (6 documents)*

*2020-12-04T10:37:02.268+0530 reading metadata for edxapp.modulestore.active\_versions from FJ133/mongo-dump-20201104T164431/edxapp/modulestore.active\_versions.metadata.json*

*2020-12-04T10:37:02.311+0530 no indexes to restore*

*2020-12-04T10:37:02.311+0530 finished restoring edxapp.modulestore.definitions (163 documents)*

*2020-12-04T10:37:02.332+0530 restoring edxapp.modulestore.active\_versions from FJ133/mongo-dump-20201104T164431/edxapp/modulestore.active\_versions.bson*

*2020-12-04T10:37:02.360+0530 restoring indexes for collection edxapp.fs.files from metadata*

*2020-12-04T10:37:02.360+0530 no indexes to restore*

*2020-12-04T10:37:02.360+0530 finished restoring edxapp.modulestore.active\_versions (1 document)*

*2020-12-04T10:37:02.393+0530 finished restoring edxapp.fs.files (1167 documents)*

*2020-12-04T10:37:03.131+0530 restoring indexes for collection edxapp.fs.chunks from metadata*

*2020-12-04T10:37:03.170+0530 finished restoring edxapp.fs.chunks (1206 documents)*

*2020-12-04T10:37:03.170+0530 done*

*mongorestore -u edxadmin -p password -h localhost --authenticationDatabase admin --drop -d cs\_comments\_service FJ133/mongo-dump-20201104T164431/cs\_comments\_service*

*2020-12-04T10:37:17.947+0530 the --db and --collection args should only be used when restoring from a BSON file. Other uses are deprecated and will not exist in the future; use --nsInclude instead*

*2020-12-04T10:37:17.947+0530 building a list of collections to restore from FJ133/mongo-dump-20201104T164431/cs\_comments\_service dir*

*2020-12-04T10:37:17.949+0530 reading metadata for cs\_comments\_service.users from FJ133/mongo-dump-20201104T164431/cs\_comments\_service/users.metadata.json*

*2020-12-04T10:37:17.983+0530 restoring cs\_comments\_service.users from FJ133/mongo-dump-20201104T164431/cs\_comments\_service/users.bson*

*2020-12-04T10:37:17.986+0530 no indexes to restore*

*2020-12-04T10:37:17.986+0530 finished restoring cs\_comments\_service.users (2 documents)*

*2020-12-04T10:37:17.986+0530 done*

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Check platform git code:

mkdir FirstTime

mv gitdiff\*

bash listGitBranch.sh

vi log.txt

diff -wy --suppress-common-lines gitdiff20.txt FirstTime/gitdiff20.txt

diff -wy --suppress-common-lines gitdiff21.txt FirstTime/gitdiff21.txt

diff -wy --suppress-common-lines gitdiff34.txt FirstTime/gitdiff34.txt

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Output: None

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

scp log.txt edx@10.129.103.122:/home/edx/ListGitBranch/log133.txt

On Juniper.2 122:

diff -wy log.txt log133.txt

diff -wy --suppress-common-lines log.txt log133.txt

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

133 Machine ready as Fresh

**RecordCountScript**:

iitbombayxdbupgrade/Script/RecordCountScript

**Run for Juniper.2 Juniper.3:**

vi parameter.config

bash count\_rows.sh

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Refer the excel for analysis row changes in Juniper.2 Vs Juniper.3

<https://docs.google.com/spreadsheets/d/1KSaNlq7XJ1244F95TV0lQmDpkY0M_L94/edit#gid=1343501466>

Column:J TO P

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Mongo:**

**Run following of the Fresh Juniper.2 133 and Fresh Juniper.3 152**

**mongo -u edxadmin -p password 127.0.0.1:27017 --authenticationDatabase admin**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Show dbs

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

use admin

show collections

show users

db.getCollectionNames().forEach(function(collname) {

var c=db[collname].count();

print("Number of documents in the",collname," collection:",c);

var indexes= db[collname].getIndexes();

var i=indexes.length;

print("Number of indexes on the",collname,"collection:",i);

})

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

use config

show collections

show users

db.getCollectionNames().forEach(function(collname) {

var c=db[collname].count();

print("Number of documents in the",collname," collection:",c);

var indexes= db[collname].getIndexes();

var i=indexes.length;

print("Number of indexes on the",collname,"collection:",i);

})

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

use cs\_comments\_service

show collections

show users

db.getCollectionNames().forEach(function(collname) {

var c=db[collname].count();

print("Number of documents in the",collname," collection:",c);

var indexes= db[collname].getIndexes();

var i=indexes.length;

print("Number of indexes on the",collname,"collection:",i);

})

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

use edxapp

show collections

show users

db.getCollectionNames().forEach(function(collname) {

var c=db[collname].count();

print("Number of documents in the",collname," collection:",c);

var indexes= db[collname].getIndexes();

var i=indexes.length;

print("Number of indexes on the",collname,"collection:",i);

})

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

use local

show collections

show users

db.getCollectionNames().forEach(function(collname) {

var c=db[collname].count();

print("Number of documents in the",collname," collection:",c);

var indexes= db[collname].getIndexes();

var i=indexes.length;

print("Number of indexes on the",collname,"collection:",i);

})

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**On Juniper.2 133**

**Output**

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rs0:PRIMARY> use admin

switched to db admin

rs0:PRIMARY> show collections

system.keys

system.users

system.version

rs0:PRIMARY> show users

{

"\_id" : "admin.admin",

"userId" : UUID("22cd9045-1969-4b56-b5fc-1d1f28b2cf24"),

"user" : "admin",

"db" : "admin",

"roles" : [

{

"role" : "root",

"db" : "admin"

}

]

}

{

"\_id" : "admin.edxadmin",

"userId" : UUID("141f8978-978e-4028-985d-bcdcd45440bd"),

"user" : "edxadmin",

"db" : "admin",

"roles" : [

{

"role" : "root",

"db" : "admin"

}

]

}

rs0:PRIMARY> db.getCollectionNames().forEach(function(collname) {

... var c=db[collname].count();

... print("Number of documents in the",collname," collection:",c);

... var indexes= db[collname].getIndexes();

... var i=indexes.length;

... print("Number of indexes on the",collname,"collection:",i);

... })

2020-12-04T16:28:24.682+0530 E QUERY [thread1] Error: count failed: {

"operationTime" : Timestamp(1607079497, 1),

"ok" : 0,

"errmsg" : "not authorized on admin to execute command { count: \"system.keys\", query: {}, fields: {}, lsid: { id: UUID(\"59f7bc07-978f-4bf2-a0c6-833a2426a94f\") }, $clusterTime: { clusterTime: Timestamp(1607079497, 1), signature: { hash: BinData(0, 7625F1611B68B2C1C04B46EB96923F4751FD55DA), keyId: 6851300945469374467 } }, $db: \"admin\" }",

"code" : 13,

"codeName" : "Unauthorized",

"$clusterTime" : {

"clusterTime" : Timestamp(1607079497, 1),

"signature" : {

"hash" : BinData(0,"diXxYRtossHAS0brlpI/R1H9Vdo="),

"keyId" : NumberLong("6851300945469374467")

}

}

} :

\_getErrorWithCode@src/mongo/shell/utils.js:25:13

DBQuery.prototype.count@src/mongo/shell/query.js:391:11

DBCollection.prototype.count@src/mongo/shell/collection.js:1584:12

@(shell):2:11

@(shell):1:1

rs0:PRIMARY>

rs0:PRIMARY> use config

switched to db config

rs0:PRIMARY> show collections

system.sessions

transactions

rs0:PRIMARY> show users

rs0:PRIMARY> db.getCollectionNames().forEach(function(collname) {

... var c=db[collname].count();

... print("Number of documents in the",collname," collection:",c);

... var indexes= db[collname].getIndexes();

... var i=indexes.length;

... print("Number of indexes on the",collname,"collection:",i);

... })

2020-12-04T16:28:24.691+0530 E QUERY [thread1] Error: count failed: {

"operationTime" : Timestamp(1607079497, 1),

"ok" : 0,

"errmsg" : "not authorized on config to execute command { count: \"system.sessions\", query: {}, fields: {}, lsid: { id: UUID(\"59f7bc07-978f-4bf2-a0c6-833a2426a94f\") }, $clusterTime: { clusterTime: Timestamp(1607079497, 1), signature: { hash: BinData(0, 7625F1611B68B2C1C04B46EB96923F4751FD55DA), keyId: 6851300945469374467 } }, $db: \"config\" }",

"code" : 13,

"codeName" : "Unauthorized",

"$clusterTime" : {

"clusterTime" : Timestamp(1607079497, 1),

"signature" : {

"hash" : BinData(0,"diXxYRtossHAS0brlpI/R1H9Vdo="),

"keyId" : NumberLong("6851300945469374467")

}

}

} :

\_getErrorWithCode@src/mongo/shell/utils.js:25:13

DBQuery.prototype.count@src/mongo/shell/query.js:391:11

DBCollection.prototype.count@src/mongo/shell/collection.js:1584:12

@(shell):2:11

@(shell):1:1

rs0:PRIMARY>

rs0:PRIMARY> use cs\_comments\_service

switched to db cs\_comments\_service

rs0:PRIMARY> show collections

users

rs0:PRIMARY> show users

{

"\_id" : "cs\_comments\_service.cs\_comments\_service",

"userId" : UUID("aaa7a867-071b-47b1-869a-4eaf5b3091ac"),

"user" : "cs\_comments\_service",

"db" : "cs\_comments\_service",

"roles" : [

{

"role" : "readWrite",

"db" : "cs\_comments\_service"

}

]

}

rs0:PRIMARY> db.getCollectionNames().forEach(function(collname) {

... var c=db[collname].count();

... print("Number of documents in the",collname," collection:",c);

... var indexes= db[collname].getIndexes();

... var i=indexes.length;

... print("Number of indexes on the",collname,"collection:",i);

... })

Number of documents in the users collection: 2

Number of indexes on the users collection: 1

rs0:PRIMARY>

rs0:PRIMARY> use edxapp

switched to db edxapp

rs0:PRIMARY> show collections

fs.chunks

fs.files

modulestore.active\_versions

modulestore.definitions

modulestore.structures

rs0:PRIMARY> show users

{

"\_id" : "edxapp.edxapp",

"userId" : UUID("e4f8b8e1-0c92-48cf-ba41-5856fa1aeca9"),

"user" : "edxapp",

"db" : "edxapp",

"roles" : [

{

"role" : "readWrite",

"db" : "edxapp"

}

]

}

rs0:PRIMARY> db.getCollectionNames().forEach(function(collname) {

... var c=db[collname].count();

... print("Number of documents in the",collname," collection:",c);

... var indexes= db[collname].getIndexes();

... var i=indexes.length;

... print("Number of indexes on the",collname,"collection:",i);

... })

Number of documents in the fs.chunks collection: 1206

Number of indexes on the fs.chunks collection: 2

Number of documents in the fs.files collection: 1167

Number of indexes on the fs.files collection: 2

Number of documents in the modulestore.active\_versions collection: 1

Number of indexes on the modulestore.active\_versions collection: 1

Number of documents in the modulestore.definitions collection: 163

Number of indexes on the modulestore.definitions collection: 1

Number of documents in the modulestore.structures collection: 6

Number of indexes on the modulestore.structures collection: 1

rs0:PRIMARY>

rs0:PRIMARY> use local

switched to db local

rs0:PRIMARY> show collections

me

oplog.rs

replset.election

replset.minvalid

replset.oplogTruncateAfterPoint

startup\_log

system.replset

system.rollback.id

rs0:PRIMARY> show users

rs0:PRIMARY> db.getCollectionNames().forEach(function(collname) {

... var c=db[collname].count();

... print("Number of documents in the",collname," collection:",c);

... var indexes= db[collname].getIndexes();

... var i=indexes.length;

... print("Number of indexes on the",collname,"collection:",i);

... })

Number of documents in the me collection: 1

Number of indexes on the me collection: 1

Number of documents in the oplog.rs collection: 650257

Number of indexes on the oplog.rs collection: 0

Number of documents in the replset.election collection: 1

Number of indexes on the replset.election collection: 1

Number of documents in the replset.minvalid collection: 1

Number of indexes on the replset.minvalid collection: 1

Number of documents in the replset.oplogTruncateAfterPoint collection: 1

Number of indexes on the replset.oplogTruncateAfterPoint collection: 1

Number of documents in the startup\_log collection: 17

Number of indexes on the startup\_log collection: 1

Number of documents in the system.replset collection: 1

Number of indexes on the system.replset collection: 1

2020-12-04T16:28:25.598+0530 E QUERY [thread1] Error: count failed: {

"operationTime" : Timestamp(1607079497, 1),

"ok" : 0,

"errmsg" : "not authorized on local to execute command { count: \"system.rollback.id\", query: {}, fields: {}, lsid: { id: UUID(\"59f7bc07-978f-4bf2-a0c6-833a2426a94f\") }, $clusterTime: { clusterTime: Timestamp(1607079497, 1), signature: { hash: BinData(0, 7625F1611B68B2C1C04B46EB96923F4751FD55DA), keyId: 6851300945469374467 } }, $db: \"local\" }",

"code" : 13,

"codeName" : "Unauthorized",

"$clusterTime" : {

"clusterTime" : Timestamp(1607079497, 1),

"signature" : {

"hash" : BinData(0,"diXxYRtossHAS0brlpI/R1H9Vdo="),

"keyId" : NumberLong("6851300945469374467")

}

}

} :

\_getErrorWithCode@src/mongo/shell/utils.js:25:13

DBQuery.prototype.count@src/mongo/shell/query.js:391:11

DBCollection.prototype.count@src/mongo/shell/collection.js:1584:12

@(shell):2:11

@(shell):1:1

rs0:PRIMARY>

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**On Juniper.3 152**

rs0:PRIMARY> use admin

switched to db admin

rs0:PRIMARY> show collections

system.keys

system.users

system.version

rs0:PRIMARY> show users

{

"\_id" : "admin.admin",

"userId" : UUID("034349aa-ebd3-45c7-96ff-180182eff92f"),

"user" : "admin",

"db" : "admin",

"roles" : [

{

"role" : "root",

"db" : "admin"

}

]

}

{

"\_id" : "admin.edxadmin",

"userId" : UUID("f80dba51-ff16-4c9a-aec1-78cd224ffbd6"),

"user" : "edxadmin",

"db" : "admin",

"roles" : [

{

"role" : "root",

"db" : "admin"

}

]

}

rs0:PRIMARY> db.getCollectionNames().forEach(function(collname) {

... var c=db[collname].count();

... print("Number of documents in the",collname," collection:",c);

... var indexes= db[collname].getIndexes();

... var i=indexes.length;

... print("Number of indexes on the",collname,"collection:",i);

... })

2020-12-04T16:30:23.810+0530 E QUERY [thread1] Error: count failed: {

"operationTime" : Timestamp(1607079618, 1),

"ok" : 0,

"errmsg" : "not authorized on admin to execute command { count: \"system.keys\", query: {}, fields: {}, lsid: { id: UUID(\"34b99f32-45b2-47fe-a842-3428c39fb8a6\") }, $clusterTime: { clusterTime: Timestamp(1607079618, 1), signature: { hash: BinData(0, B267923397DC21CCE3D95D6DB71EC94B3617F096), keyId: 6893841767607566338 } }, $db: \"admin\" }",

"code" : 13,

"codeName" : "Unauthorized",

"$clusterTime" : {

"clusterTime" : Timestamp(1607079618, 1),

"signature" : {

"hash" : BinData(0,"smeSM5fcIczj2V1ttx7JSzYX8JY="),

"keyId" : NumberLong("6893841767607566338")

}

}

} :

\_getErrorWithCode@src/mongo/shell/utils.js:25:13

DBQuery.prototype.count@src/mongo/shell/query.js:391:11

DBCollection.prototype.count@src/mongo/shell/collection.js:1584:12

@(shell):2:11

@(shell):1:1

rs0:PRIMARY>

rs0:PRIMARY> use config

switched to db config

rs0:PRIMARY> show collections

system.sessions

transactions

rs0:PRIMARY> show users

rs0:PRIMARY> db.getCollectionNames().forEach(function(collname) {

... var c=db[collname].count();

... print("Number of documents in the",collname," collection:",c);

... var indexes= db[collname].getIndexes();

... var i=indexes.length;

... print("Number of indexes on the",collname,"collection:",i);

... })

2020-12-04T16:30:23.824+0530 E QUERY [thread1] Error: count failed: {

"operationTime" : Timestamp(1607079618, 1),

"ok" : 0,

"errmsg" : "not authorized on config to execute command { count: \"system.sessions\", query: {}, fields: {}, lsid: { id: UUID(\"34b99f32-45b2-47fe-a842-3428c39fb8a6\") }, $clusterTime: { clusterTime: Timestamp(1607079618, 1), signature: { hash: BinData(0, B267923397DC21CCE3D95D6DB71EC94B3617F096), keyId: 6893841767607566338 } }, $db: \"config\" }",

"code" : 13,

"codeName" : "Unauthorized",

"$clusterTime" : {

"clusterTime" : Timestamp(1607079618, 1),

"signature" : {

"hash" : BinData(0,"smeSM5fcIczj2V1ttx7JSzYX8JY="),

"keyId" : NumberLong("6893841767607566338")

}

}

} :

\_getErrorWithCode@src/mongo/shell/utils.js:25:13

DBQuery.prototype.count@src/mongo/shell/query.js:391:11

DBCollection.prototype.count@src/mongo/shell/collection.js:1584:12

@(shell):2:11

@(shell):1:1

rs0:PRIMARY>

rs0:PRIMARY> use cs\_comments\_service

switched to db cs\_comments\_service

rs0:PRIMARY> show collections

users

rs0:PRIMARY> show users

{

"\_id" : "cs\_comments\_service.cs\_comments\_service",

"userId" : UUID("3e72fc8c-5a71-4dd2-8406-7dd8c4a2bf8d"),

"user" : "cs\_comments\_service",

"db" : "cs\_comments\_service",

"roles" : [

{

"role" : "readWrite",

"db" : "cs\_comments\_service"

}

]

}

rs0:PRIMARY> db.getCollectionNames().forEach(function(collname) {

... var c=db[collname].count();

... print("Number of documents in the",collname," collection:",c);

... var indexes= db[collname].getIndexes();

... var i=indexes.length;

... print("Number of indexes on the",collname,"collection:",i);

... })

Number of documents in the users collection: 1

Number of indexes on the users collection: 1

rs0:PRIMARY>

rs0:PRIMARY> use edxapp

switched to db edxapp

rs0:PRIMARY> show collections

fs.chunks

fs.files

modulestore.active\_versions

modulestore.definitions

modulestore.structures

rs0:PRIMARY> show users

{

"\_id" : "edxapp.edxapp",

"userId" : UUID("b72ff7f8-68f2-4885-b970-f58709f405ce"),

"user" : "edxapp",

"db" : "edxapp",

"roles" : [

{

"role" : "readWrite",

"db" : "edxapp"

}

]

}

rs0:PRIMARY> db.getCollectionNames().forEach(function(collname) {

... var c=db[collname].count();

... print("Number of documents in the",collname," collection:",c);

... var indexes= db[collname].getIndexes();

... var i=indexes.length;

... print("Number of indexes on the",collname,"collection:",i);

... })

Number of documents in the fs.chunks collection: 1206

Number of indexes on the fs.chunks collection: 2

Number of documents in the fs.files collection: 1167

Number of indexes on the fs.files collection: 2

Number of documents in the modulestore.active\_versions collection: 1

Number of indexes on the modulestore.active\_versions collection: 1

Number of documents in the modulestore.definitions collection: 163

Number of indexes on the modulestore.definitions collection: 1

Number of documents in the modulestore.structures collection: 6

Number of indexes on the modulestore.structures collection: 1

rs0:PRIMARY>

rs0:PRIMARY> use local

switched to db local

rs0:PRIMARY> show collections

me

oplog.rs

replset.election

replset.minvalid

replset.oplogTruncateAfterPoint

startup\_log

system.replset

system.rollback.id

rs0:PRIMARY> show users

rs0:PRIMARY> db.getCollectionNames().forEach(function(collname) {

... var c=db[collname].count();

... print("Number of documents in the",collname," collection:",c);

... var indexes= db[collname].getIndexes();

... var i=indexes.length;

... print("Number of indexes on the",collname,"collection:",i);

... })

Number of documents in the me collection: 1

Number of indexes on the me collection: 1

Number of documents in the oplog.rs collection: 60528

Number of indexes on the oplog.rs collection: 0

Number of documents in the replset.election collection: 1

Number of indexes on the replset.election collection: 1

Number of documents in the replset.minvalid collection: 1

Number of indexes on the replset.minvalid collection: 1

Number of documents in the replset.oplogTruncateAfterPoint collection: 1

Number of indexes on the replset.oplogTruncateAfterPoint collection: 1

Number of documents in the startup\_log collection: 17

Number of indexes on the startup\_log collection: 1

Number of documents in the system.replset collection: 1

Number of indexes on the system.replset collection: 1

2020-12-04T16:30:24.677+0530 E QUERY [thread1] Error: count failed: {

"operationTime" : Timestamp(1607079618, 1),

"ok" : 0,

"errmsg" : "not authorized on local to execute command { count: \"system.rollback.id\", query: {}, fields: {}, lsid: { id: UUID(\"34b99f32-45b2-47fe-a842-3428c39fb8a6\") }, $clusterTime: { clusterTime: Timestamp(1607079618, 1), signature: { hash: BinData(0, B267923397DC21CCE3D95D6DB71EC94B3617F096), keyId: 6893841767607566338 } }, $db: \"local\" }",

"code" : 13,

"codeName" : "Unauthorized",

"$clusterTime" : {

"clusterTime" : Timestamp(1607079618, 1),

"signature" : {

"hash" : BinData(0,"smeSM5fcIczj2V1ttx7JSzYX8JY="),

"keyId" : NumberLong("6893841767607566338")

}

}

} :

\_getErrorWithCode@src/mongo/shell/utils.js:25:13

DBQuery.prototype.count@src/mongo/shell/query.js:391:11

DBCollection.prototype.count@src/mongo/shell/collection.js:1584:12

@(shell):2:11

@(shell):1:1

rs0:PRIMARY>

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**In Fresh Juniper.2 133:**

use admin

show collections

db.system.keys.count();

db.system.users.count();

db.system.version.count();

db.system.keys.getIndexes();

db.system.users.getIndexes();

db.system.version.getIndexes();

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

rs0:PRIMARY> use admin

switched to db admin

rs0:PRIMARY> show collections

system.keys

system.users

system.version

rs0:PRIMARY> db.system.keys.count();

2020-12-04T17:07:05.291+0530 E QUERY [thread1] Error: count failed: {

"operationTime" : Timestamp(1607081809, 1),

"ok" : 0,

"errmsg" : "not authorized on admin to execute command { count: \"system.keys\", query: {}, fields: {}, lsid: { id: UUID(\"59f7bc07-978f-4bf2-a0c6-833a2426a94f\") }, $clusterTime: { clusterTime: Timestamp(1607081809, 1), signature: { hash: BinData(0, E47F921CA5BFA6FF015C32962BB8ADF71B04DEDC), keyId: 6851300945469374467 } }, $db: \"admin\" }",

"code" : 13,

"codeName" : "Unauthorized",

"$clusterTime" : {

"clusterTime" : Timestamp(1607081809, 1),

"signature" : {

"hash" : BinData(0,"5H+SHKW/pv8BXDKWK7it9xsE3tw="),

"keyId" : NumberLong("6851300945469374467")

}

}

} :

\_getErrorWithCode@src/mongo/shell/utils.js:25:13

DBQuery.prototype.count@src/mongo/shell/query.js:391:11

DBCollection.prototype.count@src/mongo/shell/collection.js:1584:12

@(shell):1:1

rs0:PRIMARY> db.system.users.count();

4

rs0:PRIMARY> db.system.version.count();

2

rs0:PRIMARY> db.system.keys.getIndexes();

[

{

"v" : 2,

"key" : {

"\_id" : 1

},

"name" : "\_id\_",

"ns" : "admin.system.keys"

}

]

rs0:PRIMARY> db.system.users.getIndexes();

[

{

"v" : 2,

"key" : {

"\_id" : 1

},

"name" : "\_id\_",

"ns" : "admin.system.users"

},

{

"v" : 2,

"unique" : true,

"key" : {

"user" : 1,

"db" : 1

},

"name" : "user\_1\_db\_1",

"ns" : "admin.system.users"

}

]

rs0:PRIMARY> db.system.version.getIndexes();

[

{

"v" : 2,

"key" : {

"\_id" : 1

},

"name" : "\_id\_",

"ns" : "admin.system.version"

}

]

rs0:PRIMARY>

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Output same on Juniper.3 152:**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**On Juniper.2 133:**

use config

show collections;

db.system.sessions.count();

db.transactions.count();

db.system.sessions.getIndexes();

db.transactions.getIndexes();

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Output:**

rs0:PRIMARY> use config

switched to db config

rs0:PRIMARY> show collections;

system.sessions

transactions

rs0:PRIMARY> db.system.sessions.count();

2020-12-04T17:13:54.464+0530 E QUERY [thread1] Error: count failed: {

"operationTime" : Timestamp(1607082228, 1),

"ok" : 0,

"errmsg" : "not authorized on config to execute command { count: \"system.sessions\", query: {}, fields: {}, lsid: { id: UUID(\"59f7bc07-978f-4bf2-a0c6-833a2426a94f\") }, $clusterTime: { clusterTime: Timestamp(1607082228, 1), signature: { hash: BinData(0, 1E6C3B37C8F88EF5EE51080504C49D1F460289C8), keyId: 6851300945469374467 } }, $db: \"config\" }",

"code" : 13,

"codeName" : "Unauthorized",

"$clusterTime" : {

"clusterTime" : Timestamp(1607082228, 1),

"signature" : {

"hash" : BinData(0,"Hmw7N8j4jvXuUQgFBMSdH0YCicg="),

"keyId" : NumberLong("6851300945469374467")

}

}

} :

\_getErrorWithCode@src/mongo/shell/utils.js:25:13

DBQuery.prototype.count@src/mongo/shell/query.js:391:11

DBCollection.prototype.count@src/mongo/shell/collection.js:1584:12

@(shell):1:1

rs0:PRIMARY> db.transactions.count();

0

rs0:PRIMARY> db.system.sessions.getIndexes();

[

{

"v" : 2,

"key" : {

"\_id" : 1

},

"name" : "\_id\_",

"ns" : "config.system.sessions"

},

{

"v" : 2,

"key" : {

"lastUse" : 1

},

"name" : "lsidTTLIndex",

"ns" : "config.system.sessions",

"expireAfterSeconds" : 1800

}

]

rs0:PRIMARY> db.transactions.getIndexes();

[

{

"v" : 2,

"key" : {

"\_id" : 1

},

"name" : "\_id\_",

"ns" : "config.transactions"

}

]

rs0:PRIMARY>

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Run in Mysql:**

select count(\*) from `analytics-api`.django\_migrations;

select count(\*) from dashboard.django\_migrations;

select count(\*) from discovery.django\_migrations;

select count(\*) from ecommerce.django\_migrations;

select count(\*) from edxapp.django\_migrations;

select count(\*) from edxapp\_csmh.django\_migrations;

select count(\*) from xqueue.django\_migrations;

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**On Juniper.3 152:**

mysql> select count(\*) from `analytics-api`.django\_migrations;

+----------+

| count(\*) |

+----------+

| 53 |

+----------+

1 row in set (0.01 sec)

mysql> select count(\*) from dashboard.django\_migrations;

+----------+

| count(\*) |

+----------+

| 46 |

+----------+

1 row in set (0.00 sec)

mysql> select count(\*) from discovery.django\_migrations;

+----------+

| count(\*) |

+----------+

| 440 |

+----------+

1 row in set (0.00 sec)

mysql> select count(\*) from ecommerce.django\_migrations;

+----------+

| count(\*) |

+----------+

| 352 |

+----------+

1 row in set (0.00 sec)

mysql> select count(\*) from edxapp.django\_migrations;

+----------+

| count(\*) |

+----------+

| 692 |

+----------+

1 row in set (0.00 sec)

mysql> select count(\*) from edxapp\_csmh.django\_migrations;

+----------+

| count(\*) |

+----------+

| 692 |

+----------+

1 row in set (0.00 sec)

mysql> select count(\*) from xqueue.django\_migrations;

+----------+

| count(\*) |

+----------+

| 22 |

+----------+

1 row in set (0.00 sec)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**On Juniper.2 133:**

mysql> select count(\*) from `analytics-api`.django\_migrations;

+----------+

| count(\*) |

+----------+

| 53 |

+----------+

1 row in set (0.00 sec)

mysql> select count(\*) from dashboard.django\_migrations;

+----------+

| count(\*) |

+----------+

| 46 |

+----------+

1 row in set (0.00 sec)

mysql> select count(\*) from discovery.django\_migrations;

+----------+

| count(\*) |

+----------+

| 440 |

+----------+

1 row in set (0.00 sec)

mysql> select count(\*) from ecommerce.django\_migrations;

+----------+

| count(\*) |

+----------+

| 352 |

+----------+

1 row in set (0.00 sec)

mysql> select count(\*) from edxapp.django\_migrations;

+----------+

| count(\*) |

+----------+

| 684 |

+----------+

1 row in set (0.00 sec)

mysql> select count(\*) from edxapp\_csmh.django\_migrations;

+----------+

| count(\*) |

+----------+

| 684 |

+----------+

1 row in set (0.00 sec)

mysql> select count(\*) from xqueue.django\_migrations;

+----------+

| count(\*) |

+----------+

| 22 |

+----------+

1 row in set (0.00 sec)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Install Custom registration app on the Juniper.3(152):**

**Check status of all services:**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

sudo /edx/bin/supervisorctl status all

# Confirm all services are STOP

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Use the following documents on Juniper.3(152):**

**Instructions to Setup Custom Fields in The Juniper IITBombayX**

<https://docs.google.com/document/d/1fh60Q3svtQkacV4zbbueHadqn5Wv7LeG8YNar24JMKQ/edit#heading=h.gjdgxs>

Output:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

edx@edx:~$ git clone http://saritat@gitlab.cse.iitb.ac.in/IITBombayXCustomRegForm/IITBomabayXCustomRegForm.git

Cloning into 'IITBomabayXCustomRegForm'...

remote: Enumerating objects: 211, done.

remote: Counting objects: 100% (211/211), done.

remote: Compressing objects: 100% (142/142), done.

remote: Total 211 (delta 85), reused 191 (delta 65), pack-reused 0

Receiving objects: 100% (211/211), 34.28 KiB | 0 bytes/s, done.

Resolving deltas: 100% (85/85), done.

Checking connectivity... done.

edx@edx:~$ cd IITBomabayXCustomRegForm/

edx@edx:~/IITBomabayXCustomRegForm$ git checkout IITBomabayX-Juniper

Branch IITBomabayX-Juniper set up to track remote branch IITBomabayX-Juniper from origin.

Switched to a new branch 'IITBomabayX-Juniper'

edx@edx:~/IITBomabayXCustomRegForm$ sudo chown -R edxapp:edxapp ../IITBomabayXCustomRegForm

[sudo] password for edx:

edx@edx:~/IITBomabayXCustomRegForm$ sudo vi /edx/etc/lms.yml

edx@edx:~/IITBomabayXCustomRegForm$ sudo vi /edx/etc/studio.yml

**sudo vi /edx/etc/lms.yml**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

ADDL\_INSTALLED\_APPS:

- custom\_reg\_form

…

REGISTRATION\_EXTRA\_FIELDS:

city: hidden

confirm\_email: hidden

country: required

gender: optional

goals: optional

honor\_code: required

level\_of\_education: optional

mailing\_address: hidden

terms\_of\_service: hidden

year\_of\_birth: optional

REGISTRATION\_EXTENSION\_FORM: custom\_reg\_form.forms.ExtraInfoForm

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**sudo vi /edx/etc/studio.yml**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

FEATURES:

AUTH\_USE\_OPENID\_PROVIDER: true

AUTOMATIC\_AUTH\_FOR\_TESTING: false

CUSTOM\_COURSES\_EDX: true

ENABLE\_COMBINED\_LOGIN\_REGISTRATION: true

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

edx@edx:~/IITBomabayXCustomRegForm$ cd

edx@edx:~$ sudo -H -u edxapp bash

edxapp@edx:/home/edx$ source /edx/app/edxapp/edxapp\_env

edxapp@edx:/home/edx$ pip install -e IITBomabayXCustomRegForm/

Obtaining file:///home/edx/IITBomabayXCustomRegForm

Requirement already satisfied: Django in /edx/app/edxapp/venvs/edxapp/lib/python3.5/site-packages (from custom-form-app==1.0) (2.2.15)

Requirement already satisfied: pytz in /edx/app/edxapp/venvs/edxapp/lib/python3.5/site-packages (from Django->custom-form-app==1.0) (2020.1)

Requirement already satisfied: sqlparse>=0.2.2 in /edx/app/edxapp/venvs/edxapp/lib/python3.5/site-packages (from Django->custom-form-app==1.0) (0.3.1)

Installing collected packages: custom-form-app

Running setup.py develop for custom-form-app

Successfully installed custom-form-app

edxapp@edx:/home/edx$ cd /edx/app/edxapp/edx-platform/

edxapp@edx:~/edx-platform$ ./manage.py lms migrate custom\_reg\_form --settings=production

2020-12-07 07:21:49,677 WARNING 14820 [py.warnings] [user None] \_\_init\_\_.py:128 - /edx/app/edxapp/venvs/edxapp/lib/python3.5/site-packages/sorl/thumbnail/conf/\_\_init\_\_.py:16: RemovedInDjango30Warning: The DEFAULT\_CONTENT\_TYPE setting is deprecated.

setattr(self, attr, getattr(obj, attr))

2020-12-07 07:21:49,682 WARNING 14820 [py.warnings] [user None] \_\_init\_\_.py:142 - /edx/app/edxapp/venvs/edxapp/lib/python3.5/site-packages/sorl/thumbnail/conf/\_\_init\_\_.py:16: RemovedInDjango31Warning: The FILE\_CHARSET setting is deprecated. Starting with Django 3.1, all files read from disk must be UTF-8 encoded.

setattr(self, attr, getattr(obj, attr))

2020-12-07 07:21:52,174 WARNING 14820 [py.warnings] [user None] checks.py:1101 - /edx/app/edxapp/venvs/edxapp/lib/python3.5/site-packages/django/contrib/admin/checks.py:1101: RemovedInDjango30Warning: Update CourseRegistrationCodeInvoiceItemInline.has\_add\_permission() to accept a positional `obj` argument.

"`obj` argument." % cls.\_\_name\_\_, RemovedInDjango30Warning

System check identified some issues:

WARNINGS:

?: (mysql.W002) MySQL Strict Mode is not set for database connection 'default'

HINT: MySQL's Strict Mode fixes many data integrity problems in MySQL, such as data truncation upon insertion, by escalating warnings into errors. It is strongly recommended you activate it. See: https://docs.djangoproject.com/en/2.2/ref/databases/#mysql-sql-mode

?: (mysql.W002) MySQL Strict Mode is not set for database connection 'read\_replica'

HINT: MySQL's Strict Mode fixes many data integrity problems in MySQL, such as data truncation upon insertion, by escalating warnings into errors. It is strongly recommended you activate it. See: https://docs.djangoproject.com/en/2.2/ref/databases/#mysql-sql-mode

?: (mysql.W002) MySQL Strict Mode is not set for database connection 'student\_module\_history'

HINT: MySQL's Strict Mode fixes many data integrity problems in MySQL, such as data truncation upon insertion, by escalating warnings into errors. It is strongly recommended you activate it. See: https://docs.djangoproject.com/en/2.2/ref/databases/#mysql-sql-mode

Operations to perform:

Apply all migrations: custom\_reg\_form

Running migrations:

Applying custom\_reg\_form.0001\_initial... OK

edxapp@edx:~/edx-platform$ cd /edx/app/edxapp/edx-platform/

edxapp@edx:~/edx-platform$ ./manage.py lms migrate custom\_reg\_form --settings=production

2020-12-07 07:23:03,860 WARNING 15351 [py.warnings] [user None] \_\_init\_\_.py:128 - /edx/app/edxapp/venvs/edxapp/lib/python3.5/site-packages/sorl/thumbnail/conf/\_\_init\_\_.py:16: RemovedInDjango30Warning: The DEFAULT\_CONTENT\_TYPE setting is deprecated.

setattr(self, attr, getattr(obj, attr))

2020-12-07 07:23:03,864 WARNING 15351 [py.warnings] [user None] \_\_init\_\_.py:142 - /edx/app/edxapp/venvs/edxapp/lib/python3.5/site-packages/sorl/thumbnail/conf/\_\_init\_\_.py:16: RemovedInDjango31Warning: The FILE\_CHARSET setting is deprecated. Starting with Django 3.1, all files read from disk must be UTF-8 encoded.

setattr(self, attr, getattr(obj, attr))

2020-12-07 07:23:05,623 WARNING 15351 [py.warnings] [user None] checks.py:1101 - /edx/app/edxapp/venvs/edxapp/lib/python3.5/site-packages/django/contrib/admin/checks.py:1101: RemovedInDjango30Warning: Update CourseRegistrationCodeInvoiceItemInline.has\_add\_permission() to accept a positional `obj` argument.

"`obj` argument." % cls.\_\_name\_\_, RemovedInDjango30Warning

System check identified some issues:

WARNINGS:

?: (mysql.W002) MySQL Strict Mode is not set for database connection 'default'

HINT: MySQL's Strict Mode fixes many data integrity problems in MySQL, such as data truncation upon insertion, by escalating warnings into errors. It is strongly recommended you activate it. See: https://docs.djangoproject.com/en/2.2/ref/databases/#mysql-sql-mode

?: (mysql.W002) MySQL Strict Mode is not set for database connection 'read\_replica'

HINT: MySQL's Strict Mode fixes many data integrity problems in MySQL, such as data truncation upon insertion, by escalating warnings into errors. It is strongly recommended you activate it. See: https://docs.djangoproject.com/en/2.2/ref/databases/#mysql-sql-mode

?: (mysql.W002) MySQL Strict Mode is not set for database connection 'student\_module\_history'

HINT: MySQL's Strict Mode fixes many data integrity problems in MySQL, such as data truncation upon insertion, by escalating warnings into errors. It is strongly recommended you activate it. See: https://docs.djangoproject.com/en/2.2/ref/databases/#mysql-sql-mode

Operations to perform:

Apply all migrations: custom\_reg\_form

Running migrations:

No migrations to apply.

Your models have changes that are not yet reflected in a migration, and so won't be applied.

Run 'manage.py makemigrations' to make new migrations, and then re-run 'manage.py migrate' to apply them.

edxapp@edx:~/edx-platform$ exit

exit

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

edx@edx:~$ mysql -u root -p

Enter password:

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 795

Server version: 5.6.32-1+deb.sury.org~xenial+0.1 (Ubuntu)

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affiliates. Other names may be trademarks of their respective

owners.

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

mysql> Use edxapp;

Reading table information for completion of table and column names

You can turn off this feature to get a quicker startup with -A

Database changed

mysql> desc custom\_reg\_form\_extrainfo;

+----------+-------------+------+-----+---------+----------------+

| Field | Type | Null | Key | Default | Extra |

+----------+-------------+------+-----+---------+----------------+

| id | int(11) | NO | PRI | NULL | auto\_increment |

| state | varchar(50) | NO | | NULL | |

| city | varchar(50) | NO | | NULL | |

| pincode | int(11) | NO | | NULL | |

| aadharid | bigint(20) | YES | | NULL | |

| user\_id | int(11) | YES | UNI | NULL | |

+----------+-------------+------+-----+---------+----------------+

6 rows in set (0.00 sec)

mysql> select \* from django\_migrations where app = 'custom\_reg\_form';

+-----+-----------------+--------------+----------------------------+

| id | app | name | applied |

+-----+-----------------+--------------+----------------------------+

| 685 | custom\_reg\_form | 0001\_initial | 2020-12-07 07:22:01.295309 |

+-----+-----------------+--------------+----------------------------+

1 row in set (0.00 sec)

mysql> select \* from django\_content\_type where app\_label ='custom\_reg\_form';

+-----+-----------------+-----------+

| id | app\_label | model |

+-----+-----------------+-----------+

| 394 | custom\_reg\_form | extrainfo |

+-----+-----------------+-----------+

1 row in set (0.00 sec)

mysql> select \* from auth\_permission where content\_type\_id in(394);

+------+-----------------------+-----------------+------------------+

| id | name | content\_type\_id | codename |

+------+-----------------------+-----------------+------------------+

| 1577 | Can add extra info | 394 | add\_extrainfo |

| 1578 | Can change extra info | 394 | change\_extrainfo |

| 1579 | Can delete extra info | 394 | delete\_extrainfo |

| 1580 | Can view extra info | 394 | view\_extrainfo |

+------+-----------------------+-----------------+------------------+

4 rows in set (0.00 sec)

mysql> exit

Bye

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

edx@edx:~$ sudo /edx/bin/supervisorctl restart all

xqueue\_consumer: started

xqueue: started

ecomworker: started

forum: started

lms: started

analytics\_api: started

certs: started

insights: started

cms: started

ecommerce: started

edxapp\_worker:cms\_default\_1: started

edxapp\_worker:cms\_high\_1: started

edxapp\_worker:lms\_high\_mem\_1: started

edxapp\_worker:lms\_high\_1: started

edxapp\_worker:lms\_default\_1: started

discovery: started

notifier-celery-workers: started

notifier-scheduler: started

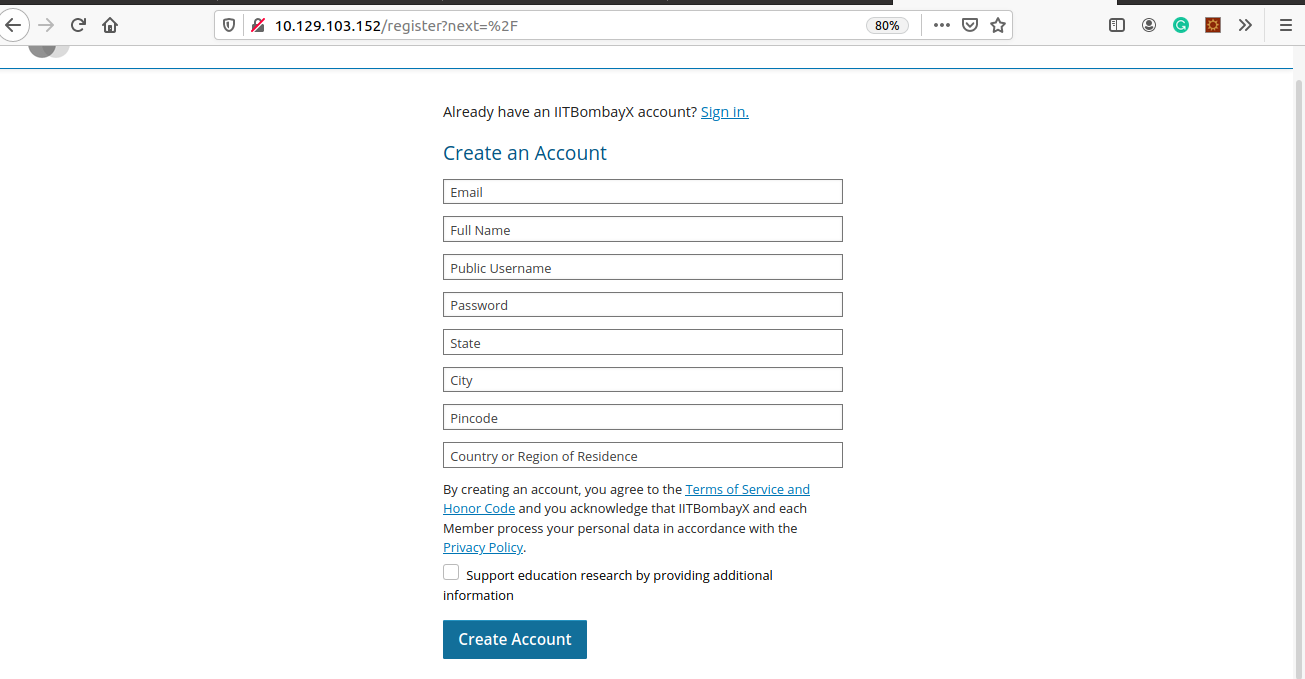
edx@edx:~$

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

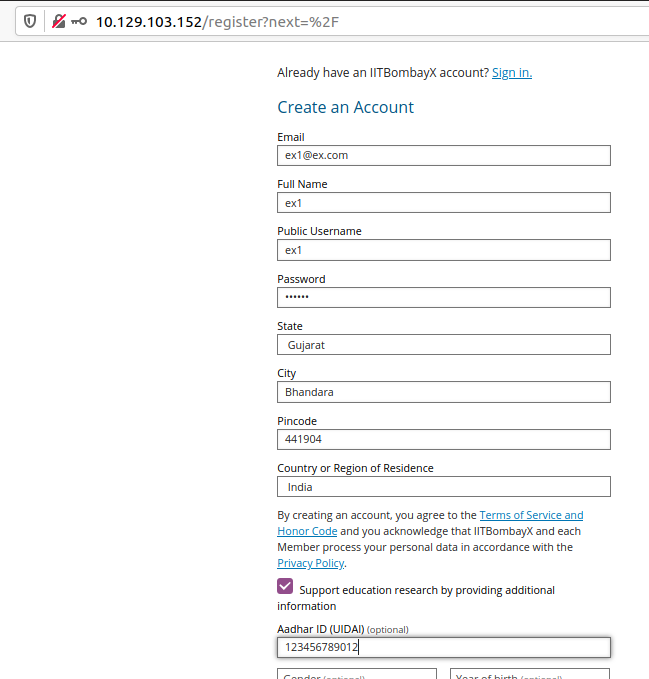
## Check the registration form:

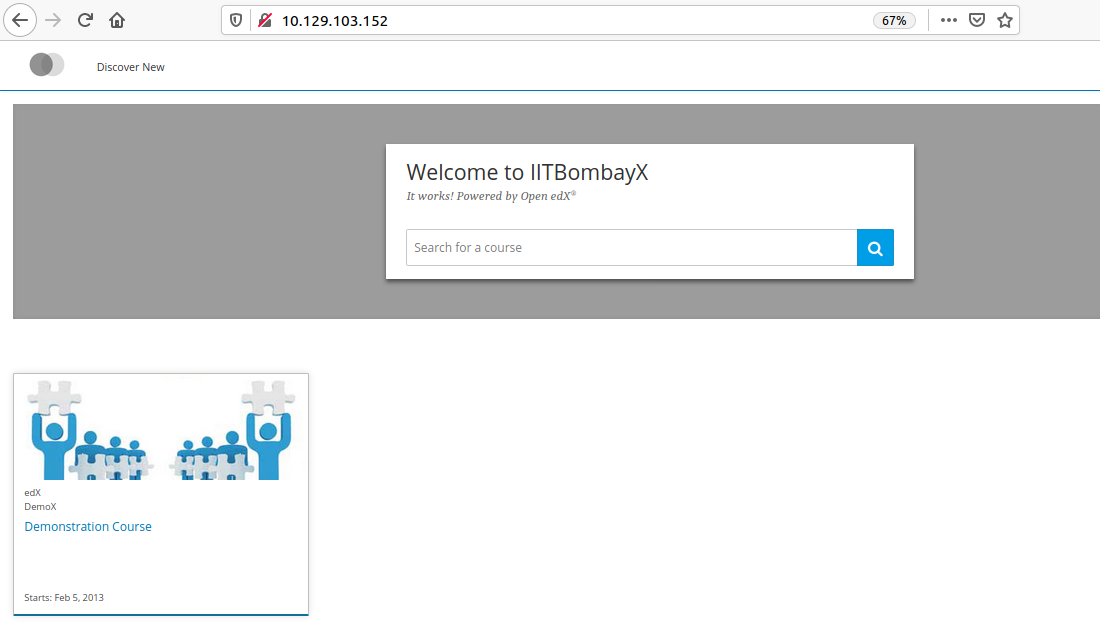
http://10.129.103.152/register?next=%2F

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mysql>

mysql> select max(id) from auth\_user;

+---------+

| max(id) |

+---------+

| 15 |

+---------+

1 row in set (0.00 sec)

mysql> select \* from auth\_userprofile where user\_id =15;

+----+------+----------------------------------------------------+------------+----------+----------+---------------+--------+--------------------+-----------------+----------+---------+-------+-------------------+------+---------------------------+---------+--------------+-------+

| id | name | meta | courseware | language | location | year\_of\_birth | gender | level\_of\_education | mailing\_address | city | country | goals | allow\_certificate | bio | profile\_image\_uploaded\_at | user\_id | phone\_number | state |

+----+------+----------------------------------------------------+------------+----------+----------+---------------+--------+--------------------+-----------------+----------+---------+-------+-------------------+------+---------------------------+---------+--------------+-------+

| 13 | ex1 | {"session\_id": "ntz41uym2839pjdl3x2jl6u5d8v40rmw"} | course.xml | | | NULL | | | | Bhandara | IN | | 1 | NULL | NULL | 15 | NULL | NULL |

+----+------+----------------------------------------------------+------------+----------+----------+---------------+--------+--------------------+-----------------+----------+---------+-------+-------------------+------+---------------------------+---------+--------------+-------+

1 row in set (0.00 sec)

mysql> select \* from custom\_reg\_form\_extrainfo where user\_id = 15;

+----+---------+----------+---------+--------------+---------+

| id | state | city | pincode | aadharid | user\_id |

+----+---------+----------+---------+--------------+---------+

| 1 | Gujarat | Bhandara | 441904 | 123456789012 | 15 |

+----+---------+----------+---------+--------------+---------+

1 row in set (0.00 sec)

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Activate User:

mysql> desc auth\_user;

+--------------+--------------+------+-----+---------+----------------+

| Field | Type | Null | Key | Default | Extra |

+--------------+--------------+------+-----+---------+----------------+

| id | int(11) | NO | PRI | NULL | auto\_increment |

| password | varchar(128) | NO | | NULL | |

| last\_login | datetime(6) | YES | | NULL | |

| is\_superuser | tinyint(1) | NO | | NULL | |

| username | varchar(150) | NO | UNI | NULL | |

| first\_name | varchar(30) | NO | | NULL | |

| last\_name | varchar(150) | NO | | NULL | |

| email | varchar(254) | NO | UNI | NULL | |

| is\_staff | tinyint(1) | NO | | NULL | |

| is\_active | tinyint(1) | NO | | NULL | |

| date\_joined | datetime(6) | NO | | NULL | |

+--------------+--------------+------+-----+---------+----------------+

11 rows in set (0.00 sec)

mysql> update auth\_user set is\_active=1 where id=15;

Query OK, 1 row affected (0.02 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> select \* from auth\_user where id=15;

+----+--------------------------------------------------------------------------------+----------------------------+--------------+----------+------------+-----------+------------+----------+-----------+----------------------------+

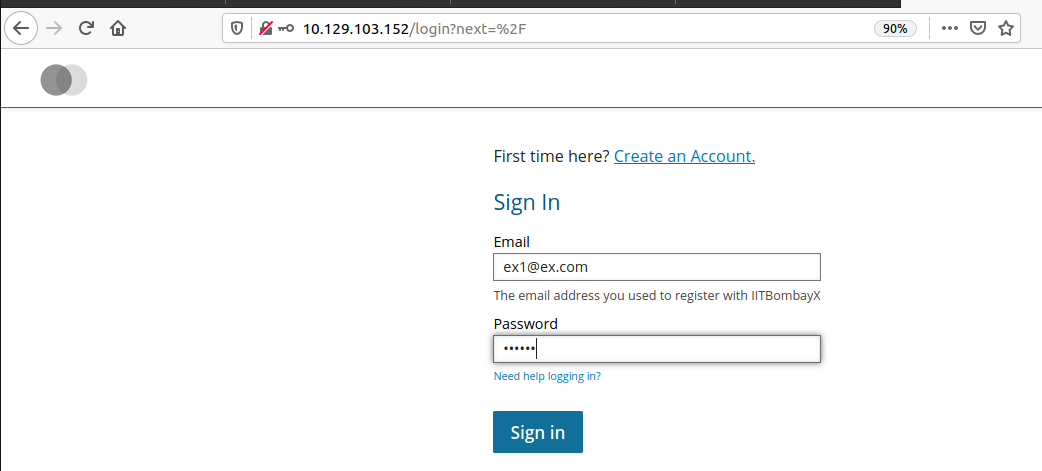
| id | password | last\_login | is\_superuser | username | first\_name | last\_name | email | is\_staff | is\_active | date\_joined |

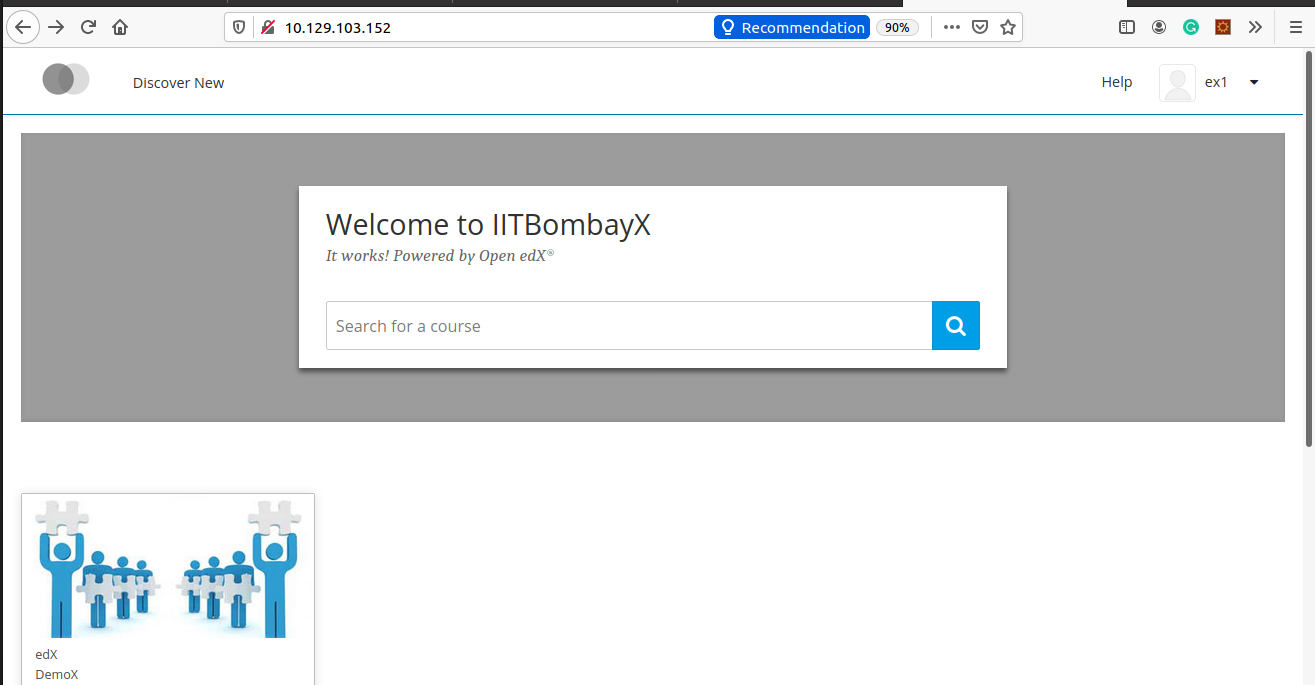
+----+--------------------------------------------------------------------------------+----------------------------+--------------+----------+------------+-----------+------------+----------+-----------+----------------------------+

| 15 | pbkdf2\_sha256$150000$n4OEVQTHOVh2$R65IO4B6VgSYlu0oEgFnTirCLp4ZouAxDnO4s8heqjA= | 2020-12-07 07:35:43.970133 | 0 | ex1 | | | ex1@ex.com | 0 | 1 | 2020-12-07 07:35:43.141449 |

+----+--------------------------------------------------------------------------------+----------------------------+--------------+----------+------------+-----------+------------+----------+-----------+----------------------------+

1 row in set (0.01 sec)



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**Done.**

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**Next Task:**

**Take backup of Migrated Sample data of Juniper.2 machine 122**

cd iitbombayxdbupgrade/Script/DumpScript

vi parameter.config

bash dump.sh

mkdir MSDJ2-122

mv mongo-dump-20201211T105729 mysql-structure-data-20201211T105729.sql MSDJ2-122

ls MSDJ2-122

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mongo-dump-20201211T105729 mysql-structure-data-20201211T105729.sql

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

mv MSDJ2-122/ ~/VM\ Dump/

**Migrate fresh data from Ironwood.master to Juniper.3**

**Take backup of Migrated Sample data of Juniper.3 machine 152**

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