



Full and Differential Report DB Backup and Restore

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1. Report DB Backup Enhancement

1.1. Summary

There are 2 types of Report DB Backup Jobs currently provided:

- Differential Backup
- Full Backup

1.2. Prerequisites of Report and Config Backup

- Motadata should be up and running.
- FTP should be accessible via Motadata.
- Motadata Report DB Backup Job Plugin version 1.7 should be installed
- Go to first level Motadata directory on the server where Click-house is installed. If clickhouse-store.zip and clickhouse-store are already present then delete them.
- Download the new clickhouse-store utility from the deliverables
- Clickhouse-Store.zip should be placed in the first level motadata directory and Unzip it.
 - Place db-engine-conf.yml file at /motadata/motadata/config and add ip of datanode in host field.

1.3. Differential Backup Job

This job contains the Report DB backup of the days incrementally for the entire month. This is explained in the following scenarios:

Scenario 1:

When the job is called on the first day of the month e.g.) 01-11-2021 05:00 Hrs. it will contain data and till the current timestamp when it is triggered.

Start Date			
01-11-2021			

Scenario 2:

When the job is called on the 2nd, 3rd and so days, the following will be the backup data



When the Triggered Date is 06-11-2021 and time is 05:00 AM – It will contain date from 01-11-2021 00:00 AM to 06-11-2021 05:00 AM

Start Date					
01-11-2021	02-11-2021	03-11-2021	04-11-2021	05-11-2021	06-11-2021

Scenario 3:

Job called on the last day, it will contain data of the entire month to the current timestamp when the job was triggered.

When the Triggered Date is 30-11-2021 and time is 05:00 AM – It will contain date from 01-11-2021 00:00 AM to 30-11-2021 05:00 AM

StartDate					
01-11-2021	02-11-2021	03-11-2021	04-11-2021	29-11-2021	30-11-2021

Note: Need to make differential backup to run at 00:10 AM and full backup at 02:00 AM

1.4. How to take differential Backup:

- Step 1:** Login to Motadata GUI and go to Actions.
- Step 2:** Create an email action with name "RPD_BKP_email"
- Step 3:** Go to Scheduler and Click on current date or a future date
- Step 4:** Create a new Motadata Report DB Backup Job



Name	
Motadata Report DB Archival Job	+ Add
Monitor Maintenance Job	+ Add
Motadata Report DB Backup Job	+ Add
Business SLA Report Job	+ Add
Motadata DR Backup Job	+ Add
Auto Network Discovery Job	+ Add
Report Job	+ Add
NCM Device Backup Job	+ Add
Monitor Polling Issue Report Job	+ Add
Motadata FullText Data Retention Job	+ Add
Motadata Data Retention Job	+ Add
Topology Builder Job	+ Add
Motadata Config Backup Job	+ Add

Note: In the whole application, there can only be one scheduler configured for Differential and full type of backup each. More than one scheduler of taking full backup is not allowed. Similar is for Differential Backup as well.

Step 5: Make the necessary configurations as shown below:



Create New Scheduler ✕

<p>Scheduler Name <input style="width: 90%;" type="text" value="Differential Backup"/></p> <p>Scheduler Date <input style="border: 1px solid #ccc;" type="text" value="2022-05-06"/></p>	<p>Status <input type="radio"/> Enable <input checked="" type="radio"/> Disable</p> <p>Run Job At <input style="border: 1px solid #ccc;" type="text" value="00:00"/></p>
--	--

<p>Email Actions <input style="border: 1px solid #ccc;" type="text" value="email_action"/></p> <p>Trap Actions <input style="border: 1px solid #ccc;" type="text" value="trap_action"/></p> <p>FTP Yes/No <input style="border: 1px solid #ccc;" type="text" value="Yes"/></p> <p>FTP Server Port <input style="border: 1px solid #ccc;" type="text" value="21"/></p> <p>FTP Server Password <input style="border: 1px solid #ccc;" type="text" value="....."/></p> <p>FTP / SFTP <input style="border: 1px solid #ccc;" type="text" value="FTP"/></p>	<p>SMS Actions <input style="border: 1px solid #ccc;" type="text" value="sms_action"/></p> <p>Backup Type <input style="border: 1px solid #ccc;" type="text" value="Differential Backup"/></p> <p>FTP Server IP <input style="border: 1px solid #ccc;" type="text" value="172.16.10.167"/></p> <p>FTP Server User Name <input style="border: 1px solid #ccc;" type="text" value="admin"/></p> <p>System location <input style="border: 1px solid #ccc;" type="text" value="/motadata/motadata/test"/></p>
--	--

i Scheduler will be Repeated : Daily

Run Job At

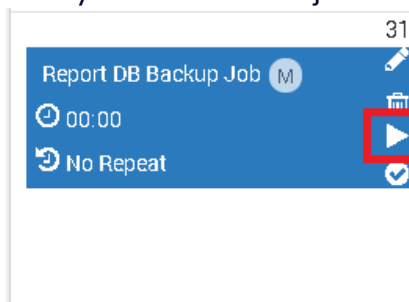
Create

FTP Configurations

- **FTP On/Off:** Configure it ON if user wants to transfer the backup to remote location via FTP protocol. If configure YES, then add the port number, username and password of the FTP server
- **System Location:** Mention the desired path where user wants to store the backup on the server, where report DB is installed.
- **Email Action, SMS Action, and Trap Action:** Configure this action as created in the action module. Email and SMS Actions are mandatory.
- **Backup Type:** This decides the duration for which user wants to take the backup.



Step 6: Once the job is created you can run the job.



Step 7: Once backup is taken it will be stored on configured system location and FTP location.

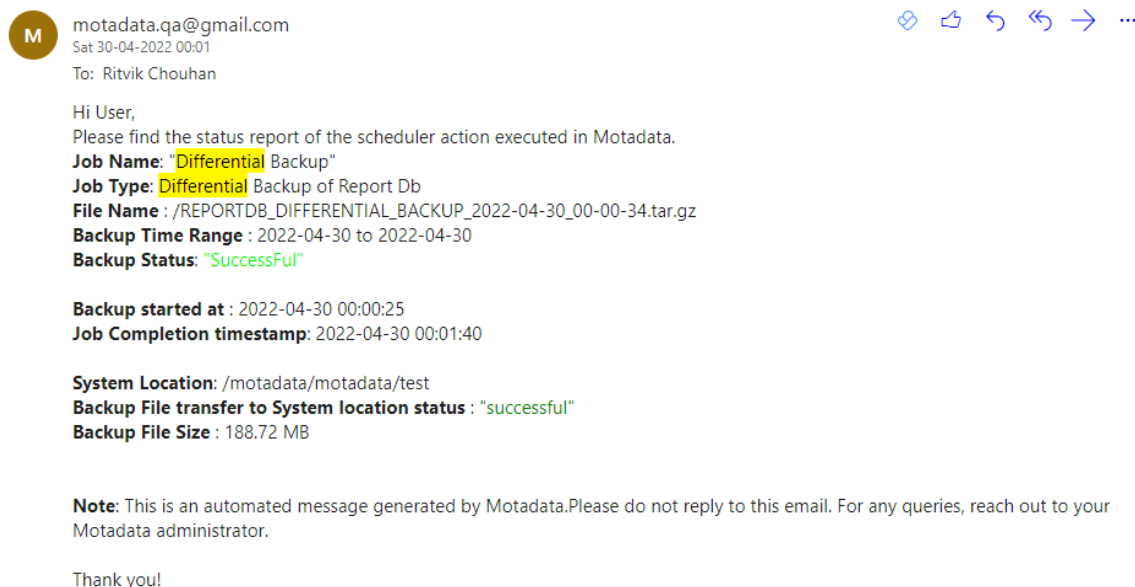
```

root@ubuntu:/motadata/motadata/test# ll
total 3357340
drwxr-xr-x 1 root root    1676 Apr 19 00:01 ./
drwxr-xr-x 1 root root     250 Feb 14 16:30 ../
drwxr-xr-x 1 root root    1360 Apr  5 17:44 REPORTDB/
-rw-r--r-- 1 root root 22951150 Apr  5 17:16 REPORTDB_DIFFERENTIAL_BACKUP_2022-04-05_17-15-57.tar.gz
-rw-r--r-- 1 root root 23005287 Apr  5 17:41 REPORTDB_DIFFERENTIAL_BACKUP_2022-04-05_17-41-38.tar.gz
-rw-r--r-- 1 root root 25473560 Apr  6 00:04 REPORTDB_DIFFERENTIAL_BACKUP_2022-04-06_00-04-10.tar.gz
-rw-r--r-- 1 root root 32766286 Apr  8 00:00 REPORTDB_DIFFERENTIAL_BACKUP_2022-04-08_00-00-08.tar.gz
-rw-r--r-- 1 root root 37066096 Apr  9 00:03 REPORTDB_DIFFERENTIAL_BACKUP_2022-04-09_00-03-27.tar.gz
-rw-r--r-- 1 root root 40506006 Apr 10 00:00 REPORTDB_DIFFERENTIAL_BACKUP_2022-04-10_00-00-22.tar.gz
-rw-r--r-- 1 root root 44213379 Apr 11 00:02 REPORTDB_DIFFERENTIAL_BACKUP_2022-04-11_00-01-53.tar.gz
-rw-r--r-- 1 root root 52509691 Apr 12 00:03 REPORTDB_DIFFERENTIAL_BACKUP_2022-04-12_00-03-08.tar.gz
-rw-r--r-- 1 root root 58779500 Apr 13 00:00 REPORTDB_DIFFERENTIAL_BACKUP_2022-04-13_00-00-08.tar.gz
-rw-r--r-- 1 root root 63307087 Apr 14 00:04 REPORTDB_DIFFERENTIAL_BACKUP_2022-04-14_00-04-48.tar.gz
-rw-r--r-- 1 root root 67548721 Apr 15 00:03 REPORTDB_DIFFERENTIAL_BACKUP_2022-04-15_00-02-50.tar.gz
-rw-r--r-- 1 root root 71859290 Apr 16 00:06 REPORTDB_DIFFERENTIAL_BACKUP_2022-04-16_00-05-52.tar.gz
-rw-r--r-- 1 root root 75960512 Apr 17 00:00 REPORTDB_DIFFERENTIAL_BACKUP_2022-04-17_00-00-26.tar.gz
-rw-r--r-- 1 root root 84596534 Apr 19 00:01 REPORTDB_DIFFERENTIAL_BACKUP_2022-04-19_00-01-39.tar.gz
-rw-r--r-- 1 root root 2737336970 Apr 12 19:22 REPORTDB_FULL_BACKUP_2022-04-12_18-47-10_Till_2022Mar.tar.gz

```

Note: - Scheduler will be Repeated/Scheduled automatically for every daily/day for current year

1.5. Success Mail of Differential Backup



1.6. Differential Backup Audit



Audits					
Operation Type	Audit Status	Time Range			
rtk diff backup	Success	From 01 Jan, 2022 12:00:00 AM To 31 Dec, 2022 11:59:59 PM			
Message	Time	User	Remote Host	Status	
rtk diff backup : Backup At System Location Successful. Backup Size : 2.72 GB	15 Apr, 2022 12:11:10 AM	admin	localhost	Success	
rtk diff backup : Backup At System Location Successful. Backup Size : 2.56 GB	14 Apr, 2022 12:11:05 AM	admin	localhost	Success	
rtk diff backup : Backup At System Location Successful. Backup Size : 2.39 GB	13 Apr, 2022 12:11:00 AM	admin	localhost	Success	
rtk diff backup : Backup At System Location Successful. Backup Size : 2.23 GB	12 Apr, 2022 12:08:54 AM	admin	localhost	Success	

Showing 1 to 4 of 4 entries

1.7. Differential Backup Backend Logs

```

06-May-2022 01:54:37 PM INFO [MOTADATA/Report DB Backup Common Util]:Creating Achival ZIP for :: flow
06-May-2022 01:54:38 PM INFO [MOTADATA/Report DB Backup Common Util]:Zip Completed of table :: flow
06-May-2022 01:54:38 PM INFO [Archival Report]:Zip Created Successfully!
06-May-2022 01:54:38 PM INFO [Archival Report]:File size : 665.6 KB
06-May-2022 01:54:38 PM INFO [Archival Report]:Shadow Directory Emptied
06-May-2022 01:54:38 PM INFO [Archival Report]:Backup Successful
06-May-2022 01:54:38 PM INFO [Archival Report]:Trying Backup At System Location
06-May-2022 01:54:38 PM INFO [Archival Report]:Successfully detach of::tbl_raw_flow_v5and partition::202204
06-May-2022 01:54:38 PM INFO [Archival Report]:Successfully detach of::tbl_raw_flow_v5and partition::202203
06-May-2022 01:54:38 PM INFO [Archival Report]:Successfully detach of::tbl_raw_flow_v5and partition::202202
06-May-2022 01:54:38 PM INFO [Archival Report]:Successfully detach of::tbl_raw_flow_v5and partition::202201
06-May-2022 01:55:56 PM DEBUG [LOGGER for Restore of report db]:Starting archival process
06-May-2022 01:55:56 PM DEBUG [LOGGER for Restore of report db]:Starting Restore process
06-May-2022 01:55:56 PM DEBUG [LOGGER for Restore of report db]:Starting unzip of ::/motadata/Clickhouse-Store/CLICKHOUSE-RESTORE/2022-05-06_13:54_172.16.8.217_ARCHIVAL_R
PD3.tar
06-May-2022 01:55:56 PM DEBUG [LOGGER for Restore of report db]:Unzip completed of ::/motadata/Clickhouse-Store/CLICKHOUSE-RESTORE/2022-05-06_13:54_172.16.8.217_ARCHIVAL_
RPD3.tar
06-May-2022 01:55:58 PM DEBUG [LOGGER for Restore of report db]:Moving of :tbl_raw_flow_v5 successfully
06-May-2022 01:56:00 PM DEBUG [LOGGER for Restore of report db]:Starting to attach parts
06-May-2022 01:56:00 PM DEBUG [LOGGER for Restore of report db]:Loading db-engine-conf.yml
06-May-2022 01:56:00 PM DEBUG [LOGGER for Restore of report db]:Command executed successfully : clickhouse-client --password TRACEorg@2010 --query="Alter table tbl_raw_fl
ow_v5 attach part '20220301_20220301_379_379_0'"
06-May-2022 01:56:00 PM DEBUG [LOGGER for Restore of report db]:Command executed successfully : clickhouse-client --password TRACEorg@2010 --query="Alter table tbl_raw_fl
ow_v5 attach part '20220201_20220201_383_383_0'"
06-May-2022 01:56:00 PM DEBUG [LOGGER for Restore of report db]:Command executed successfully : clickhouse-client --password TRACEorg@2010 --query="Alter table tbl_raw_fl
ow_v5 attach part '20220101_20220101_384_384_0'"
06-May-2022 01:56:00 PM DEBUG [LOGGER for Restore of report db]:Command executed successfully : clickhouse-client --password TRACEorg@2010 --query="Alter table tbl_raw_fl
ow_v5 attach part '20220401_20220401_379_379_0'"
06-May-2022 01:56:00 PM DEBUG [LOGGER for Restore of report db]:Successful Restore
06-May-2022 01:56:00 PM INFO [LOGGER for Restore of report db]:Successful restore
06-May-2022 01:56:00 PM INFO [LOGGER for Restore of report db]:Successful restore!

```



2. Full Backup Job

Full Backup Job - The Report DB complete backup is considered for all the data from the beginning of data in the ReportDB till the last date-time of the previous month.

The full back will contain the data from the beginning to previous month before the End date, so if we run the job on 01-11-2021 irrespective of the time it will contain only backup till the previous month

If we are taking the full backup job on 01-11-2021 00:01:00 AM, it will contain all the data from the beginning in our example from 01-01-2018 when the db. was created till 31-10-2021.

Note: The time / scheduling of the job run is irrelevant on a particular day in that month or the hour of the day it is performed. It is recommended to configure this job on 1st of every month and at 02:00 Hrs.

2.1. Steps to take Full Backup

Step 1: Follow all the differential backup steps, only change Backup type while creating job. Make the changes as below

Create New Scheduler
✕

<p>Scheduler Name <input style="width: 90%;" type="text" value="Report DB Backup Job"/></p> <p>Scheduler Date <input style="border: 1px solid #ccc;" type="text" value="2022-05-06"/></p>	<p>Status <input checked="" type="radio"/> Enable <input type="radio"/> Disable </p> <p>Run Job At <input style="width: 90%;" type="text" value="00:00"/> </p>
---	---

<p>Email Actions <input style="width: 90%;" type="text" value="email_action"/></p> <p>Trap Actions <input style="width: 90%;" type="text" value="trap_action"/></p> <p>FTP Yes/No <input style="width: 90%;" type="text" value="Yes"/></p> <p>FTP Server Port <input style="width: 90%;" type="text" value="21"/></p> <p>FTP Server Password <input style="width: 90%;" type="password" value="....."/></p> <p>FTP / SFTP <input style="width: 90%;" type="text" value="FTP"/></p>	<p>SMS Actions <input style="width: 90%;" type="text" value="sms_action"/></p> <p>Backup Type <input style="width: 90%;" type="text" value="Full Backup"/></p> <p>FTP Server IP <input style="width: 90%;" type="text" value="172.16.10.167"/></p> <p>FTP Server User Name <input style="width: 90%;" type="text" value="motadata"/></p> <p>System location <input style="width: 90%;" type="text" value="/motadata/motadata/test"/></p>
--	--

🔔 Scheduler will be Repeated : Monthly



Notes:

- Scheduler will be Repeated/Scheduled automatically for every month for current year.**
- Make sure once differential backup complete then after full backup job should execute .**

2.2. Success Mail of Full Backup:

DB Full Backup

M

motadata.qa@gmail.com

Thu 31-03-2022 16:50

To: Ritvik Chouhan

Hi User,

Please find the status report of the scheduler action executed in Motadata.

Job Name: "DB Full Backup "

Job Type: Full Backup of Report Db

File Name : /REPORTDB_FULL_BACKUP_2022-03-31_16-20-42_Till_2022Feb.tar.gz

Backup Time Range : 2022-03-31 to 2022-03-31

Backup Status: "Successful"

Backup started at : 2022-03-31 16:19:45

Job Completion timestamp: 2022-03-31 16:50:28

System Location: /motadata/motadata/test

Backup File transfer to System location status : "successful"

Backup File Size : 3.14 GB

Note: This is an automated message generated by Motadata. Please do not reply to this email. For any queries, reach out to your Motadata administrator.

Thank you!

[Reply](#) | [Forward](#)

2.3. Full Back-up Audit

← Audits
Actions ▾

Rtk Full Backup

Audit Status

Success

Time Range Apply
From 01 Jan, 2022 12:00:00 AM To 31 Dec, 2022 11:59:59 PM

Message	Time	User	Remote Host	Status
Rtk Full Backup : Backup At System Location Successful. Backup Size : 39.25 GB	13 Apr 2022 03:22:27 PM	admin	localhost	Success
Rtk Full Backup : Backup At System Location Successful. Backup Size : 39.24 GB	12 Apr 2022 09:59:38 PM	admin	localhost	Success

Showing 1 to 2 of 2 entries

First Previous 1 Next Last

2.4. Full Back-up Backend Logs

```

=>> 31-March-2022-Report-Backup-Restore-DEBUG.log <==
31-March-2022 04:20:42 PM DEBUG [MOTADATA/Report DB Backup Common Util]:Creating ZIP

=>> 31-March-2022-Report-Backup-Restore-INFO.log <==
31-March-2022 04:20:42 PM INFO [MOTADATA/Report DB Backup Common Util]:Creating Full Backup ZIP : REPORTDB_FULL_BACKUP_2022-03-31_16-20-42_Till_2022Feb.tar.gz
31-March-2022 04:20:42 PM INFO [MOTADATA/Report DB Backup Common Util]:closing Tar Archive OutputStream

=>> 31-March-2022-Report-Backup-Restore-DEBUG.log <==
31-March-2022 04:20:42 PM DEBUG [MOTADATA/Report DB Backup Common Util]:Zip Completed of metadata folder

=>> 31-March-2022-Report-Backup-Restore-INFO.log <==
31-March-2022 04:20:42 PM INFO [MOTADATA/Report DB Backup Common Util]:closing Tar Archive OutputStream
31-March-2022 04:20:42 PM INFO [MOTADATA/Report DB Backup Common Util]:Zip Creation Completed

=>> 31-March-2022-Report-Backup-Restore-DEBUG.log <==
31-March-2022 04:20:42 PM DEBUG [MOTADATA/Report DB Backup Common Util]:Zip Completed of clickhouseBackup folder
31-March-2022 04:20:42 PM DEBUG [MOTADATA/Report DB Backup Common Util]:Creating ZIP

=>> 31-March-2022-Report-Backup-Restore-INFO.log <==
31-March-2022 04:20:42 PM INFO [MOTADATA/Report DB Backup Common Util]:Creating Full Backup ZIP : REPORTDB_FULL_BACKUP_2022-03-31_16-20-42_Till_2022Feb.tar.gz
  
```



3. Restore Full and Differential Backup Job

The Report DB restore utility has to be improved for the changes on the Full & Differential Backup. The **main objective** is for the restore, we need the **latest full backup ZIP file** along with the **latest differential backup ZIP file**, where the data in the backups should be in a Sequence, based on Month.

3.1. Pre-requisite:

- The Datanode must not contain any existing data minimum date of the data should be 00-00-0000.

Scenario 1:

The current date is November 11, 2021, the user has the previous full backup zip - (From 1st Jan, 2021 to till Oct 31, 2021) and the differential backup (Nov 1 – Nov 10). When restore is done the user will have to provide the full back zip and Differential zip (Jan, 1 2021 to Nov, 10 2021) and then the Clickhouse will be restored till the Nov 10.

Scenario 2:

The current date is November 11, 2021. The user doesn't have the full-back zip but only has only the differential zip. The system will allow the restore, and the necessary message will be communicated.

Scenario 3:

The current date is November 11, 2021. The user has the full back zip (data till Oct 31, 2021), but does not have the latest differential zip. The system will allow the restore, but the data restored will contain only till Oct 31.

Scenario 4:

The current date is November 11, 2021. The user provides Full backup zip (containing data till August 31, 2021) and a differential backup of September 2021. If the user runs the restore with these files, the system will allow the restore and data will be available till Sept 2021.

Scenario 5:

The current date is November 11, 2021. The user provides Full backup zip (containing data till August 31, 2021), and differential backup of October 2021. If the user runs the restore with these backup files, the system will not allow the restore because the differential backup and full backup are not in sequence.



3.2. Full & Differential Backup Restore when database gets crashed or single table missing

- For restore full and differential backup. Below are the prerequisites:

- Deploy/Install new database server with version 7.3.047
- Do not connect with Master server
- Clickhouse service on running state
- Copy both Differential and Full backup on path of clickhouse server (both must be in **Sequence**)

/motadata/Clickhouse-Store/CLICKHOUSE-RESTORE

```

root@ubuntu:/motadata/Clickhouse-Store/CLICKHOUSE-RESTORE#
root@ubuntu:/motadata/Clickhouse-Store/CLICKHOUSE-RESTORE#
root@ubuntu:/motadata/Clickhouse-Store/CLICKHOUSE-RESTORE# ll
total 9950648
drwxr-xr-x 1 root root      218 Dec 13 16:06 ./
drwxr-xr-x 1 root root      308 Dec 13 15:58 ../
-rw-r--r-- 1 root root 130022087 Dec 13 15:54 REPORTDB_DIFFERENTIAL_BACKUP_2021-12-13_14-19-15.zip
-rw-r--r-- 1 root root 10059439338 Dec 13 15:56 REPORTDB_FULL_BACKUP_2021-12-13_14-20-58_Till_2021Nov.zip
root@ubuntu:/motadata/Clickhouse-Store/CLICKHOUSE-RESTORE#

```

Once both files placed on defined path run “**ReportDBBackupRestoration.sh**” on path /motadata/Clickhouse-Store

```

04-April-2022 05:49:17 PM INFO [GUI/Report DB Backup Restoration ]:Looking for backup in : /motadata/Clickhouse-Store/CLICKHOUSE-RESTORE
04-April-2022 05:49:17 PM INFO [GUI/Report DB Backup Restoration ]:Total 2 backup files found
04-April-2022 05:49:17 PM INFO [GUI/Report DB Backup Restoration ]:backup started for file : /motadata/Clickhouse-Store/CLICKHOUSE-RESTORE/REPORT
DB_FULL_BACKUP_2022-03-31_16-20-42_Till_2022Feb.tar.gz At Mon Apr 04 17:49:17 IST 2022
04-April-2022 05:50:45 PM INFO [MOTADATA/Report DB Restore Common Util]:Closing Tar Archive InputStream
04-April-2022 05:50:45 PM INFO [MOTADATA/Report DB Restore Common Util]:motadata temp folder created successfully
04-April-2022 05:50:45 PM INFO [MOTADATA/Report DB Restore Common Util]:Closing Tar Archive InputStream
04-April-2022 05:50:45 PM INFO [MOTADATA/Report DB Restore Common Util]:Total 292 Metadata files found

```

Restore Started for Full Backup File.

```

04-April-2022 05:51:08 PM INFO [GUI/Report DB Backup Restoration ]:backup completed for file : /motadata/Clickhouse-Store/CLICKHOUSE-RESTORE/REPO
RTDB_FULL_BACKUP_2022-03-31_16-20-42_Till_2022Feb.tar.gz At Mon Apr 04 17:51:08 IST 2022
04-April-2022 05:51:08 PM INFO [GUI/Report DB Backup Restoration ]:backup started for file : /motadata/Clickhouse-Store/CLICKHOUSE-RESTORE/REPORT
DB_DIFFERENTIAL_BACKUP_2022-03-31_17-30-45.tar.gz At Mon Apr 04 17:51:08 IST 2022
04-April-2022 05:51:41 PM INFO [MOTADATA/Report DB Restore Common Util]:Closing Tar Archive InputStream
04-April-2022 05:51:41 PM INFO [MOTADATA/Report DB Restore Common Util]:Min Date Found : 2022-03-01
04-April-2022 05:51:42 PM INFO [MOTADATA/Report DB Restore Common Util]:Max date from clickhouse : 2022-02-28
04-April-2022 05:51:42 PM INFO [GUI/Report DB Backup Restoration ]:The Differential is in sequence with the Clickhouse DB

```

Restore Completed for Full Backup File and started for Differential File

```


04-April-2022 05:52:15 PM INFO [GUI/Report DB Backup Restoration ]:backup completed for file : /motadata/Clickhouse-Store/CLICKHOUSE-RESTORE/REPO
RTDB_DIFFERENTIAL_BACKUP_2022-03-31_17-30-45.tar.gz At Mon Apr 04 17:52:15 IST 2022
04-April-2022 05:52:15 PM INFO [GUI/Report DB Backup ssh]:Motadata configurations : {password=motadata, host=172.16.8.70, user=root}
04-April-2022 05:52:18 PM INFO [GUI/Report DB Backup ssh]:Process id : 19999
04-April-2022 05:52:18 PM INFO [GUI/Report DB Backup ssh]:Connection : jdbc:h2:tcp://172.16.8.70/configdb;DATABASE_TO_UPPER=false;IGNORECASE=TRUE
;MODE=PostgreSQL;AUTO_RECONNECT=TRUE;MV_STORE=FALSE;MVCC=FALSE

```

Restore Completed for Differential File

3.3. Restore Success Mail

Report DB Backup Restoration job




motadata.qa@gmail.com

Tue 12-04-2022 11:21

To: Ritvik Chouhan

Report DB Restoration job completed successfully



Reply | Forward



CONNECT WITH US



www.motadata.com



support@motadata.com

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