



DR SITE SOP

Motadata

Table of Contents

Table of Contents	2
Copyright Notice.....	3
Notices	4
1 Introduction.....	6
1.1 Time Consuming Estimate.....	6
1.2 DR Configuration	6
1.3 DR Backup.....	7
2 Restore DR DB.....	10
2.1 Restore DR DB.....	10

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1 Introduction

This document helps performing the backup of your Site once it is crashed. The document is divided in two parts: '**DR Backup Job**' and '**DR Restore**'. All the included process works at database level and requires backend privileges for operations.

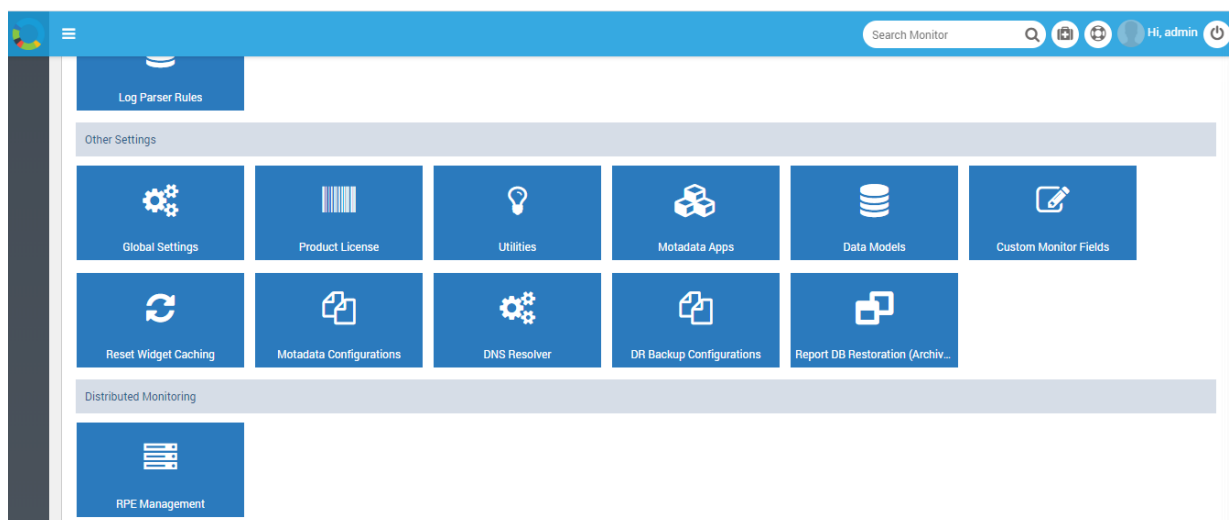
1.1 Time Consuming Estimate

Action Type	Data size	Time (In minutes)
DR Backup Job	20 GB	15 minutes
Restore	20 GB	15 Minutes

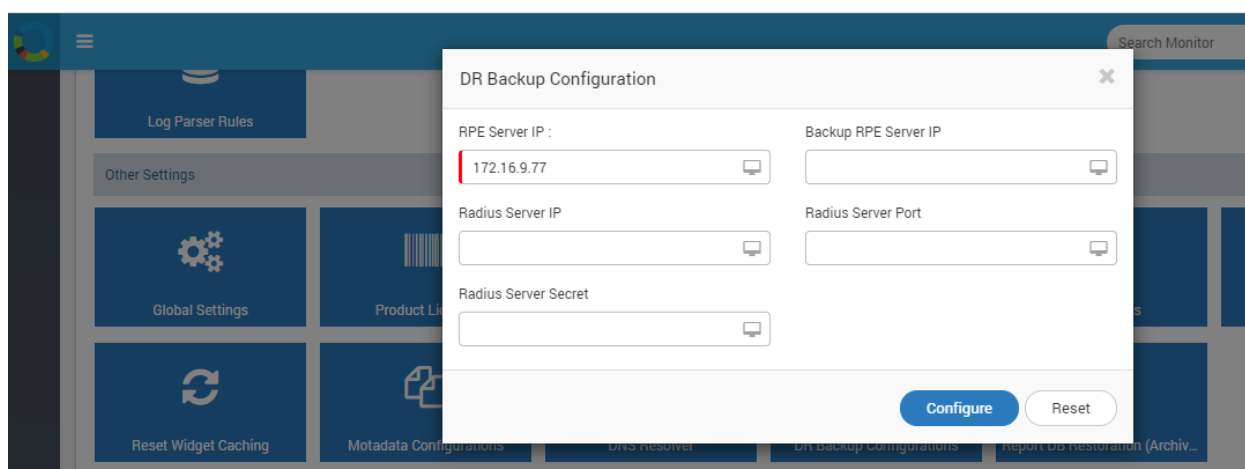
1.2 DR Configuration

Step 1: Login to **Motadata**

Step 2: Go to Admin and click on '**DR Backup Configuration**'.



Step 3: You can configure your backup RPE / Radius through GUI



Where,

RPE Server IP = Current Machine's IP

Backup RPE Server IP = IP of Server of Backup RPE

Radius Server IP = IP of the Radius Server

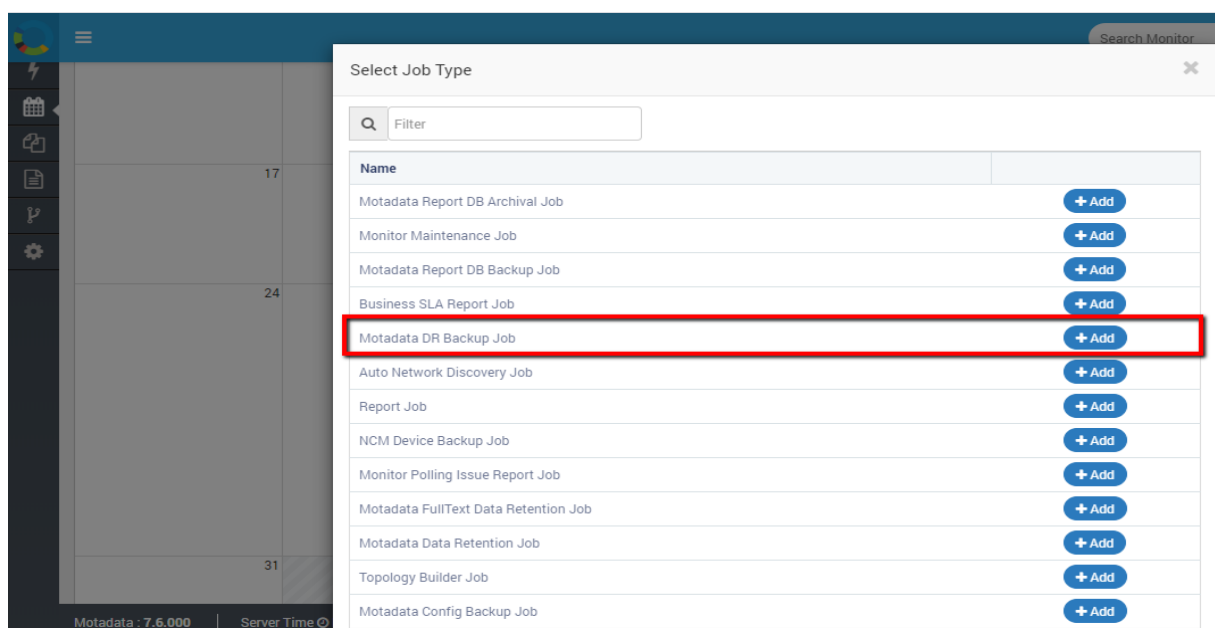
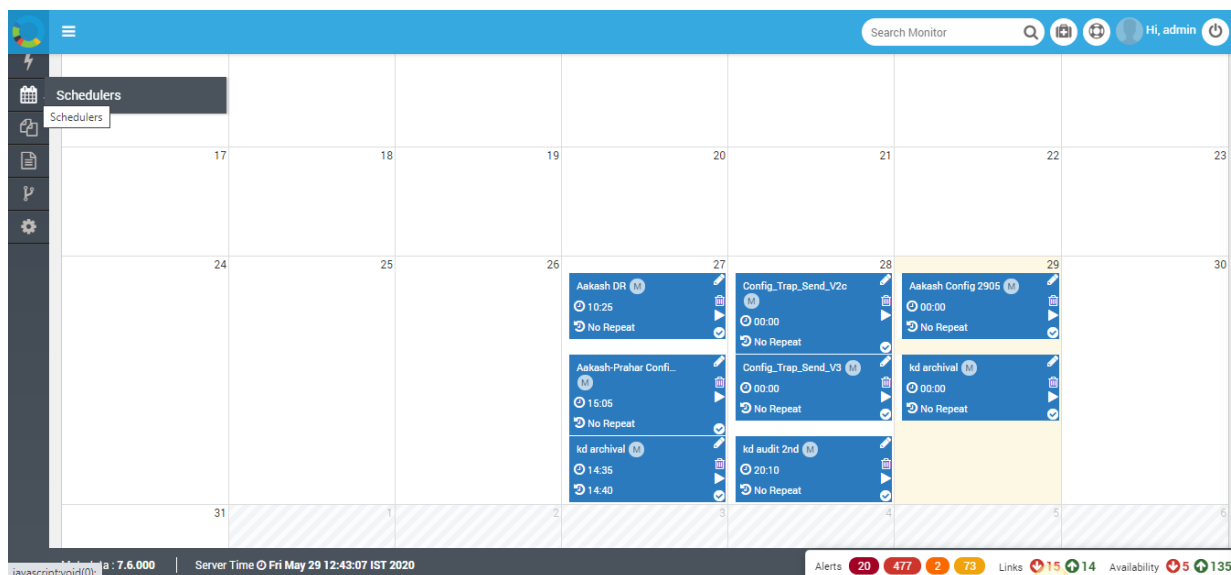
Radius Server Port = Port of the Radius Server

Radius Server Secret = Secret of the Radius Server.

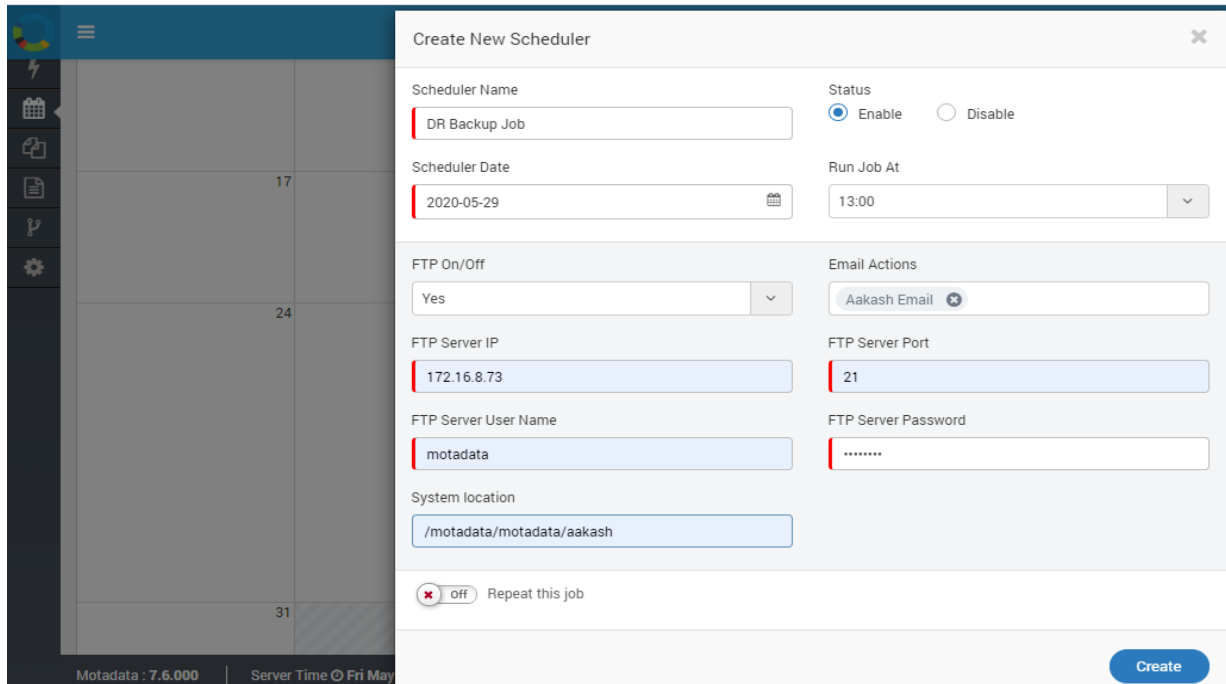
1.3 DR Backup

Step 1: Login to Motadata and Go to Schedulers.

Step 2: Click on current Date or a Future Date and create a new Motadata Report DB Backup Job



Step 3: Using this scheduler backup of your system on your system location or on FTP Location can be taken. Once all information is provided and notification via email will be sent once the job runs successful.



Create New Scheduler

Scheduler Name: DR Backup Job

Scheduler Date: 2020-05-29

FTP On/Off: Yes

FTP Server IP: 172.16.8.73

FTP Server User Name: motadata

System location: /motadata/motadata/aakash

Status: ☒ Enable ☐ Disable

Run Job At: 13:00

Email Actions: Aakash Email

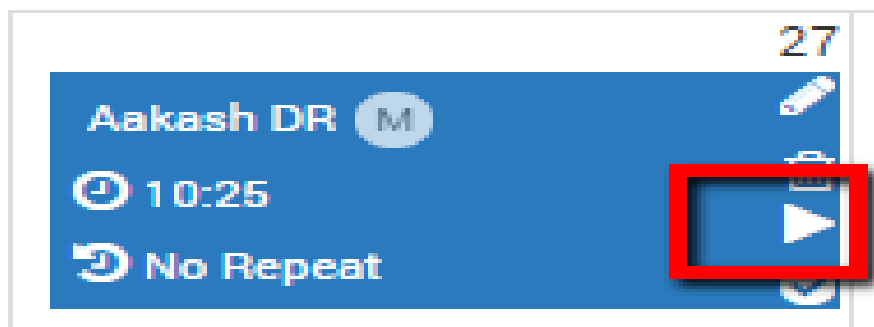
FTP Server Port: 21

FTP Server Password: *****

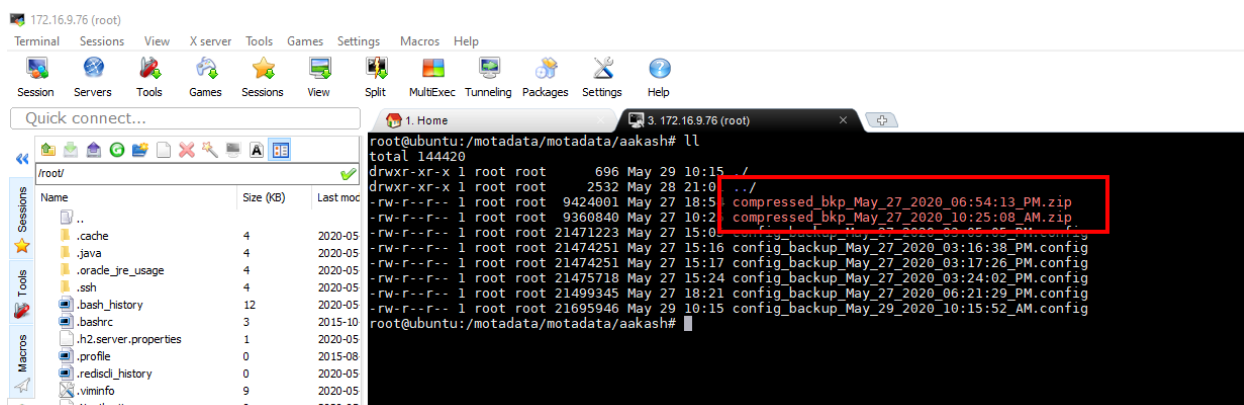
☒ Off Repeat this job

Create

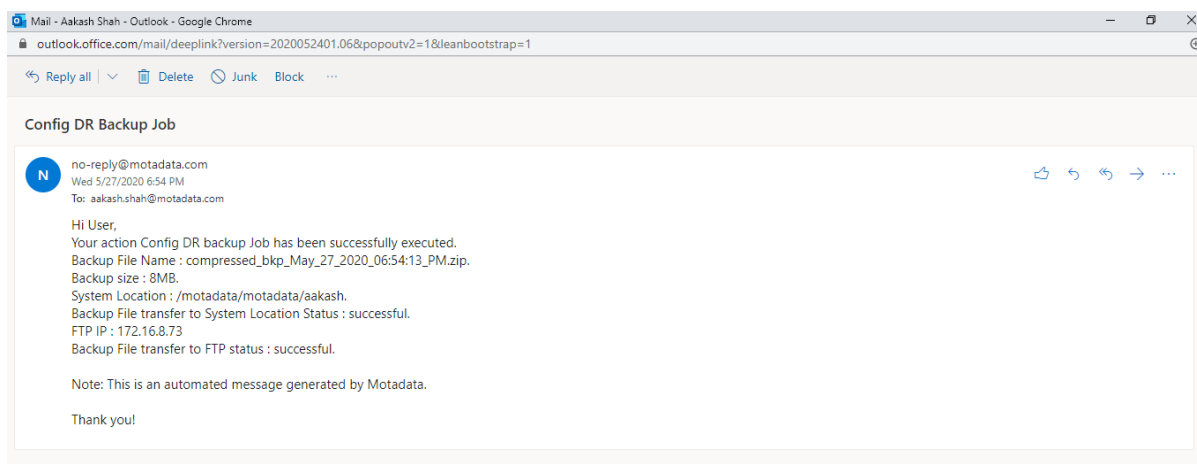
Step 4: After successful job is creation, it can be run as shown below:



Step 5: Once the backup done it will store at given location and can be viewed as below:



In case of successful backup, you will receive the email as below:



2 Restore DR DB

Firstly, stop the motadata service in master server using the below command:

```
service motadata stop
```

2.1 Restore DR DB

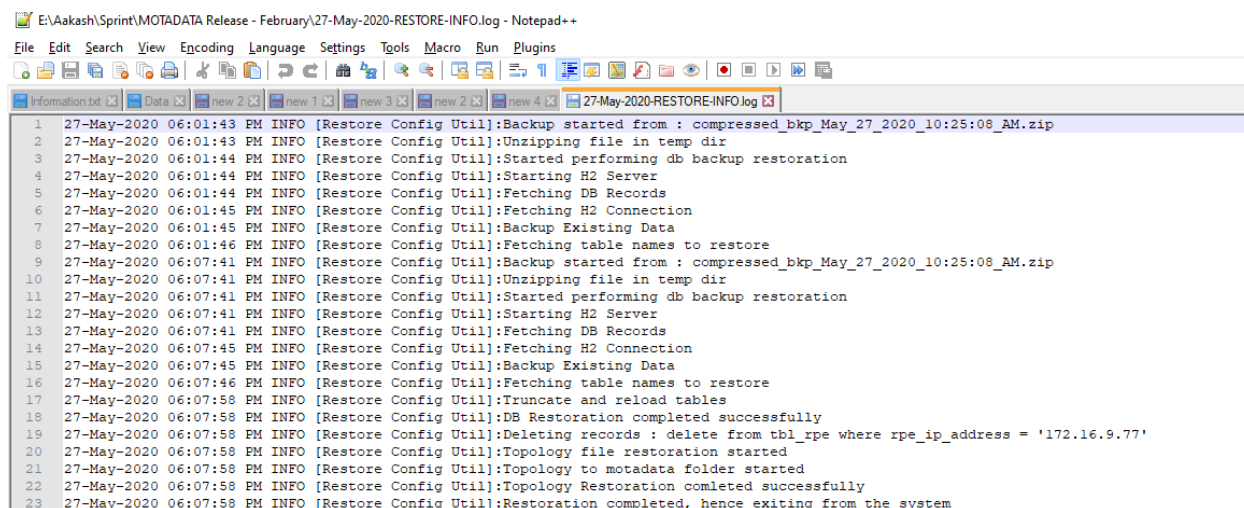
Step 1: Make sure the DRRestoreScript.sh and restore-config-utility-1.1.jar is available in /motadata/motadata

Step 2: Copy the desired backup file from your location to /motadata/motadata

Step 3: Run the below command at 2nd level of Motadata:

```
sh DRRestoreScript.sh
```

Step 4: Check the logs at /motadata/motadata/log/debug log



```
E:\Aakash\Sprint\MOTADATA Release - February\27-May-2020-RESTORE-INFO.log - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins
Information.txt Data new 2 new 1 new 3 new 2 new 4 27-May-2020-RESTORE-INFO.log
1 27-May-2020 06:01:43 PM INFO [Restore Config Util]:Backup started from : compressed_bkp_May_27_2020_10:25:08_AM.zip
2 27-May-2020 06:01:43 PM INFO [Restore Config Util]:Unzipping file in temp dir
3 27-May-2020 06:01:44 PM INFO [Restore Config Util]:Started performing db backup restoration
4 27-May-2020 06:01:44 PM INFO [Restore Config Util]:Starting H2 Server
5 27-May-2020 06:01:44 PM INFO [Restore Config Util]:Fetching DB Records
6 27-May-2020 06:01:45 PM INFO [Restore Config Util]:Fetching H2 Connection
7 27-May-2020 06:01:45 PM INFO [Restore Config Util]:Backup Existing Data
8 27-May-2020 06:01:46 PM INFO [Restore Config Util]:Fetching table names to restore
9 27-May-2020 06:07:41 PM INFO [Restore Config Util]:Backup started from : compressed_bkp_May_27_2020_10:25:08_AM.zip
10 27-May-2020 06:07:41 PM INFO [Restore Config Util]:Unzipping file in temp dir
11 27-May-2020 06:07:41 PM INFO [Restore Config Util]:Started performing db backup restoration
12 27-May-2020 06:07:41 PM INFO [Restore Config Util]:Starting H2 Server
13 27-May-2020 06:07:41 PM INFO [Restore Config Util]:Fetching DB Records
14 27-May-2020 06:07:45 PM INFO [Restore Config Util]:Fetching H2 Connection
15 27-May-2020 06:07:45 PM INFO [Restore Config Util]:Backup Existing Data
16 27-May-2020 06:07:46 PM INFO [Restore Config Util]:Fetching table names to restore
17 27-May-2020 06:07:58 PM INFO [Restore Config Util]:Truncate and reload tables
18 27-May-2020 06:07:58 PM INFO [Restore Config Util]:DB Restoration completed successfully
19 27-May-2020 06:07:58 PM INFO [Restore Config Util]:Deleting records : delete from tbl_rpe where rpe_ip_address = '172.16.9.77'
20 27-May-2020 06:07:58 PM INFO [Restore Config Util]:Topology file restoration started
21 27-May-2020 06:07:58 PM INFO [Restore Config Util]:Topology to motadata folder started
22 27-May-2020 06:07:58 PM INFO [Restore Config Util]:Topology Restoration completed successfully
23 27-May-2020 06:07:58 PM INFO [Restore Config Util]:Restoration completed, hence exiting from the system
```

Step 5: Start the Motadata service in master server using the below command:

```
service motadata start
```

NOTE: By default it is assumed that, if DR/DC back-up restore is performed on both levels, then the same patch should be applied at code as well as database level.

Keep in touch

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Motadata is industry's first IT ops solution that truly correlates the metric, flow and log events and turns them into actionable insights. Our global customers from Telecom, Government and Enterprise domain, rely on Motadata for proactively monitor their network infrastructure.

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