

Report Manager SP6 (Windows only)

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Overview

This document helps you generate and view pre-built Backup & DR reports in Microsoft Excel.

You can use CLI commands to connect the Report Manager (RM) database to Microsoft Excel. Refer to the [CLI Addendum](#) for a list of RM specific CLI commands.

The following reports and their queries are available in the Excel spreadsheet. Additional reports will be added as needed.

Category / Folder	Report Name
Audit	Event Details
Jobs	Application Backup Status by Consistency Date Backup Job Details Backup Job Summary Database Log Backup Summary Failed Jobs

Category / Folder	Report Name
	Job History Summary by Application Running Jobs Recovery Job Details Recovery Job Summary Unresolved Failures
Protection	Multiply Protected Applications Policy Summary Protected Applications Unprotected Applications
SLA Compliance	Daily Protection Summary Daily Protection Table Database Backup Status SLA Violation Details SLA Violation Summary Restorable Images
Summary	Appliance Health Dashboard Appliance Users Resource Consumption by Application Resource Consumption by Appliance Resource Consumption by Policy Template

Category / Folder	Report Name
Utilization	Bandwidth Utilization History Cloud Resource Consumption by Day Managed Data Consumption Details Managed Data Consumption Summary OnVault Pool Consumption Snapshot Pool Consumption Storage Resource Usage Summary

Note: The Microsoft Excel-based solution is supported only for users using desktop versions on Windows operating systems. This solution is not supported for the web version of Excel, known as “Excel Online.”

Configure database connection to load report records

Before you begin

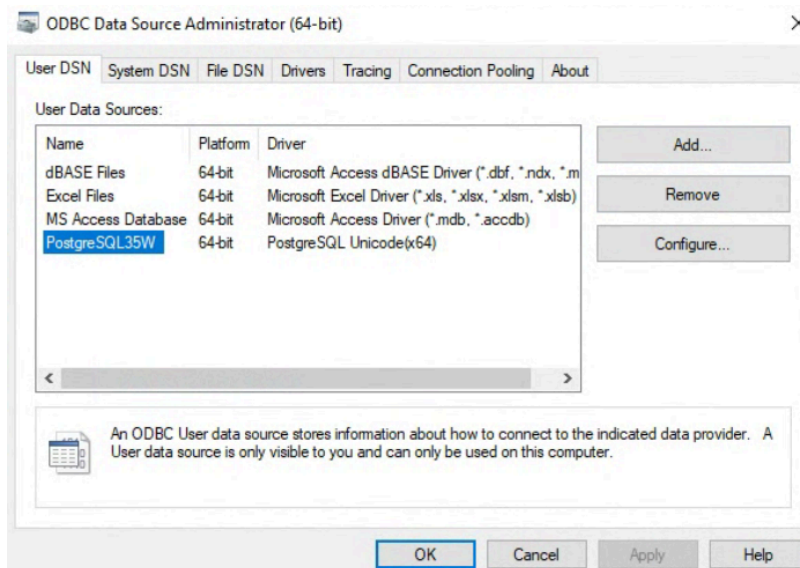
- AGM's database port should be open. Run this CLI command on AGM to enable access to the reporting database.
 - `udtask chdbaccessofreportmanager -access 'enabled'`
 - `udtask chdbaccessofreportmanager -access 'disabled'`
- Set a password for the reporting user. The default user is “custom_user”.
 - `udtask chpasswordofcustomuserinreportmanager -password 'xxxxx'`.
Replace the xxxxx with your desired password for access to the reporting database.

- Download and install the postgresql driver from the [Postgresql](#) site.

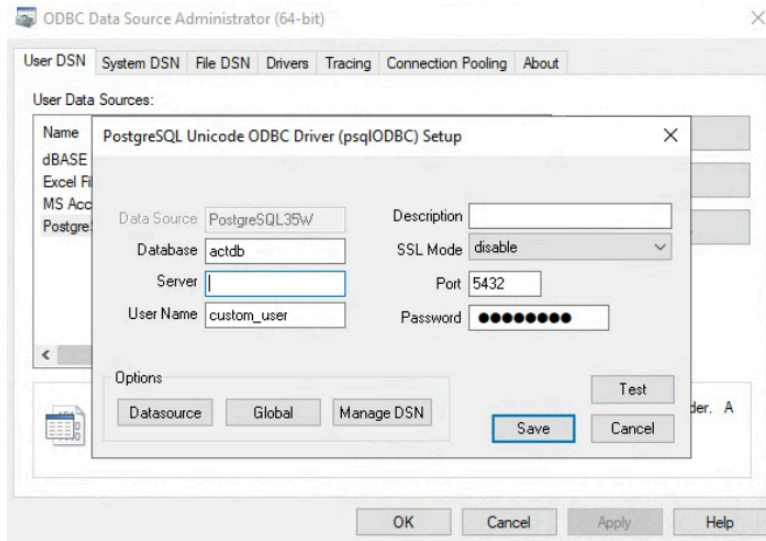
Set the ODBC connection from Microsoft Windows

Once the postgresql driver is installed, the "PostgreSQL Unicode64" driver appears in the ODBC: Data Source Administrator window.

Open **Settings > ODBC Data Source Administrator (64-bit)** to configure the database connection to your Excel reports.



1. In the **User DSN** tab click **Add**, and select the value "PostgreSQL Unicode64".
2. Click Finish. The PostgreSQL Unicode64 connection should appear as a data source in the **User Data Sources** window.
3. While the PostgreSQL Unicode64 value is selected, click **Configure** to set up the ODBC values.



4. Enter the relevant values. The default values are:

- Database: actdb
- Server: add the IP address of AGM
- User Name: custom_user
- Port: 5432
- Password: specify the password for the custom_user account that was entered when the 'chpasswordofcustomuserinreportmanager' command was run.
- Click **Test** if you want to test the connection. Then click **Save**.

Use Report Manager

Before you begin

To start using the Report Manager spreadsheet:

- Set up the ODBC connection to load report records
- Ensure you have Microsoft Excel 2016 or later on your workstation

- [Set up the ODBC connection from the Excel spreadsheet](#) to fetch report records

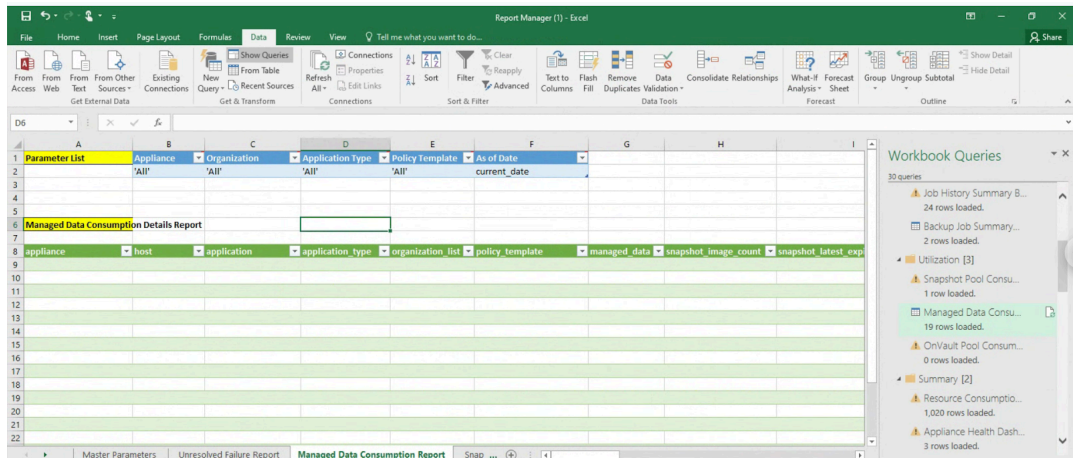
Procedure

To generate a report using the Report Manager spreadsheet:

1. Download the spreadsheet using the following link:
https://content.backupdr.cloud.google.com/reportmanager/Report_Manager.xlsx
2. Open the downloaded spreadsheet using Microsoft Excel.
3. From the **Select Timezones** list, select a timezone. If none of the options is selected, by default the US/East-Indiana is selected.

A		B	C	D	E	F	G	H	I	J	K	L
1	Select Timezone											
2	US/East-Indiana											
3												
4												
5												
6												
7												
8	Master Parameters :											
9	Timezone		Jobtype		Job Status		Resource Type		Success Percentage Calc			
10	name	Label	Value		Label	Value	Label	Value	Label	Label		
11	Africa/Abidjan	Sweep	-2		running	2	All	-1		Include in-progress jobs		
12	Africa/Accra	~All~	-1		queued	3	Dedup Pool	1		Finished jobs only		
13	Africa/Addis Ababa	Unknown	0		Succeeded	10	Snapshot Pool	2				
14	Africa/Algiers	Snapshot	1		failed	11	External Snapshot Pool	3				
15	Africa/Asmara	Dedup	2		cancelled	12	Velox Pool	4				
16	Africa/Athens	Expiration	3		retrieved	14	Out/In Pool	5				
17	Africa/Bamako	CC	4		waiting	19	Primary Pool	6		Severity		
18	Africa/Bangui	Mount	5		not run	20	Total Storage	7		Label		
19	Africa/Banjul	Unmount	6							All		
20	Africa/Bissau	Clone	7							Error		
21	Africa/Brazzaville	Restore	8							Warning		
22	Africa/Bujumbura	Delete	9							Info		
23	Africa/Cairo	Velox Delete	10									
24	Africa/Casablanca	Unmount Delete	11									
25	Images To Show		Violation Type		Applications Severi							
26	I show		Value		I show		Value		I show		Value	
Master Parameters												
Unresolved Failures												
Managed Data ConsumptionDetails												
Snapshot Pool Consumption												
Failed Jobs												
Backup Job Details												
ResourceConsumptionApplication												
OnVault Pool Consumption												
Backup Job Summary												
Database Log Backup Summary												
Average: Sum 0												

4. Click the **Data** tab at the top menu, and select **Show Queries**.



5. Filter controls or parameters are also available in the spreadsheet. Hold the pointer over the parameter name and a hover text appears; the hover text tells you the syntax to use when entering parameter values. For example, hold the pointer over the Appliance Name parameter, the syntax for entering a valid appliance name appears.
6. If the hover text instructs you to refer to the **Master Parameters** sheet for information on the parameter values, click the master sheet for information on parameter names and their values.

For example, to enter Jobtypes parameters in the Unresolved Failure Report, refer to the table in the **Master Parameters** sheet (the following list contains sample data only, and is not exhaustive):

Sample Jobtype master parameters

Label	Value
Sweep	-2
'--All--'	-1
Snapshot	1
Dedup	2

Click the **Refresh** icon (next to the report name in the Workbook Queries region at the right side of the spreadsheet) to see the report results.

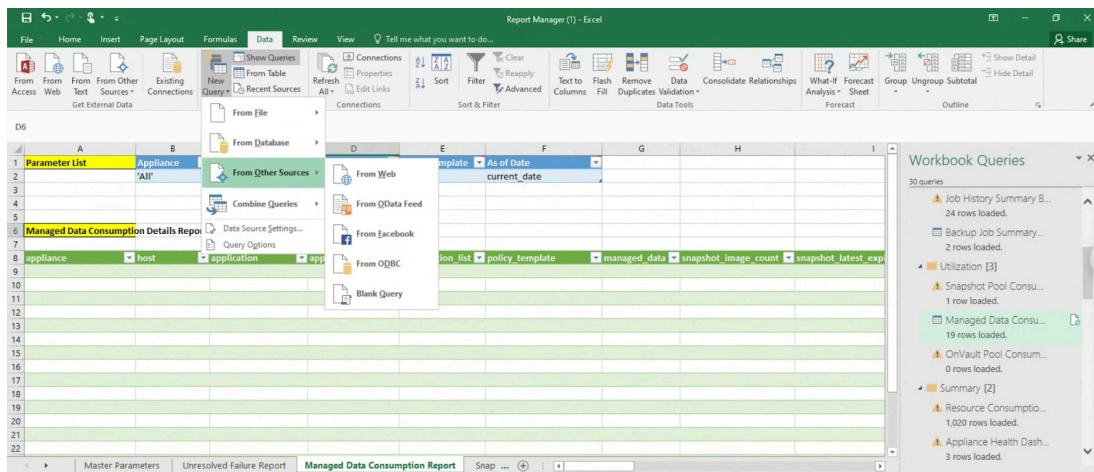
Configure ODBC connection from the Excel spreadsheet

This is a one-time mandatory step that helps you configure the ODBC connection for the Excel spreadsheet. When the connection is established, you can click the **Refresh** icon next to any report name. The report's SQL query will fetch records from the RM database, and populate the spreadsheet.

1. Navigate to the following commands to set up the ODBC connection from Excel.

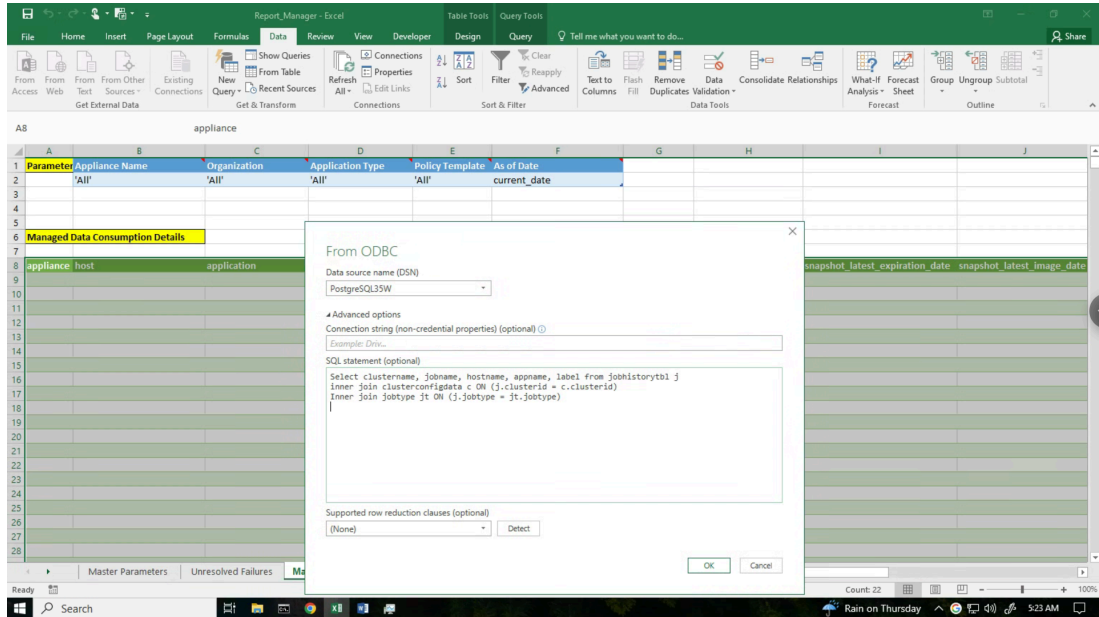
Click Data > Get Data > From Other Sources > From ODBC.

The **From ODBC** popup appears.



2. Enter Data source name (DSN): PostgreSQL35W, and click **Advanced Options** to enter the SQL statement to connect with the database. Use this sample query:

```
Select clustername, jobname, hostname, appname, label from  
jobhistorytbl j inner join clusterconfigdata c ON (j.clusterid =  
c.clusterid) Inner join jobtype jt ON (j.jobtype = jt.jobtype)
```

3. Click **OK** to preview the records.
4. Click **Load** to load the records into the Excel spreadsheet.
5. Right click the query name to rename it. Also use **Data > Queries and Connections** to view saved queries; Click the **Refresh** icon at the right of the report name to reload the query records.