Report Subscription in SSRS 2008 R2

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If a user wants the same set of reports every day, they shouldn't need to go to the Report Manager to run each report every day. To avoid this daily activity, we can set up subscriptions that will automatically execute and deliver a report. A subscription is a standing request to deliver a report at a specific time or in response to an event, and in an application file format that you specify in the subscription.

Subscriptions come in two different flavours: regular (standard) and data-driven.

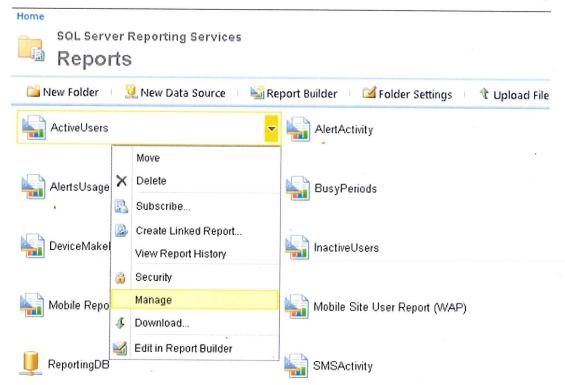
Standard subscription is created by any user having "Manage individual subscriptions" or "View a report" permissions with static values for the parameters. It means whatever parameters the report expects needs to be provided at the time of subscription creation and cannot be changed at runtime.

Data-driven subscription is created by any user having "Manage all subscriptions" Permission or Content Manager. Data-driven subscriptions are only available in the Enterprise edition of Reporting Services. This subscription type is very powerful. Data or parameter values required during execution of the report can come from a query (or a database) including recipient list, delivery method and parameter values needed for each recipient's report execution.

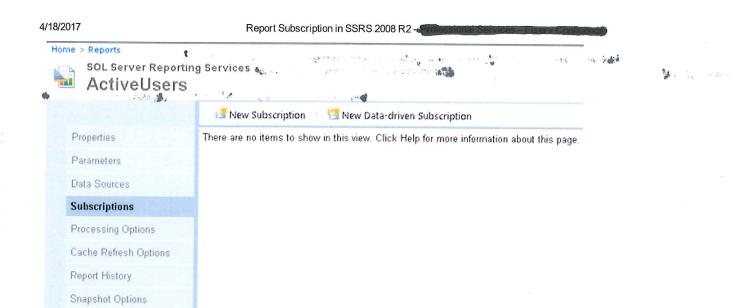
SSRS has provided two delivery extensions; the first one lets SSRS save the report subscription to a windows file share location whereas the second one sends the report in email to the specified recipients. There is one more extension; if you have SSRS installation in SharePoint Integrated mode, which delivers the report to a SharePoint document library.

Getting started with Report Subscription

To setup subscription for a report, go to Report Manager, navigate to the folder that contains the report, point to the report for which you want to set up a subscription, click the drop-down arrow next to the report name and click on the Manage menu item as shown below:-



On the manage report page, click on Subscriptions on the left. This will show you two options; the first option (New Subscription) lets you create a standard subscription for the report whereas the second option (New Data-driven Subscription) lets you create a data-driven subscription.



When you click on the New Subscription link, it will bring up a page with two parts. In the first part you can define the report delivery method and in the second part you can specify subscription processing options. The Report Delivery Options section will change depending on the delivery method you choose. For example as you can see below, I have chosen a delivery method of E-Mail and hence it has options to specify TO, CC, BCC, subject line, whether to include the report as link or as an attachment, etc.

Report Delivery Options Specify options for report delivery. Delivered by: E-Mail To: Bharath.Malapati@mcom.co.nz Cc: Bcc: (Use (;) to separate multiple e-mail addresses.) Reply-To: Subject: @ReportName was executed at @ExecutionTime ✓ Include Report Render Format MHTML (web archive) Include Link Priority: Normal Comment

Security

If you change the delivery method to Windows File Share, the fields on screen will change to let you specify the file name, path, render format, credentials used to access the file at that location, overwrite options, etc.

End Date

OK

20/06/2012 12:00:00 a

✓ Use Default

Cancel

When defining a schedule for subscription processing, you can choose to use any predefined shared schedule or you can use an embedded/dedicated schedule for this subscription processing. When you click on the Select Schedule button on the above screen, it will bring up a screen as shown below where you can define a schedule for hourly, daily, weekly, monthly, once, etc.

Use this schedule to determine how often this report is delivered.

Schedule details

Choose whether to run the report on an hourly, daily, weekly, monthly, or one time basis.

All times are expressed in (GMT +12:00) New Zealand Standard Time.

○ Hour	Daily Schedule		
♠ Day	© On the following days:		
∩ Week	☐ Sun ☑ Mon ☐ Tue ☐ Wed ☐ Thu ☐ Fri ☐ Sat ☐ Every weekday ☐ Repeat after this number of days: 1		
C Month			
Conce			
	Start time: 08:00 FA.M. CP.M.		

Start and end	dates ————————	
Specify the dat	e to start and optionally end this sche	dule.
Begin running	118	
☐ Stop this schedule on:		
OK	Cancel	<u> </u>

Once created, you can view the subscription and its execution details in the subscription detail page as shown below. You can click on the Edit hyperlink to modify the subscription or select a subscription and click on the Delete button to delete it.

