# How to configure daily reports

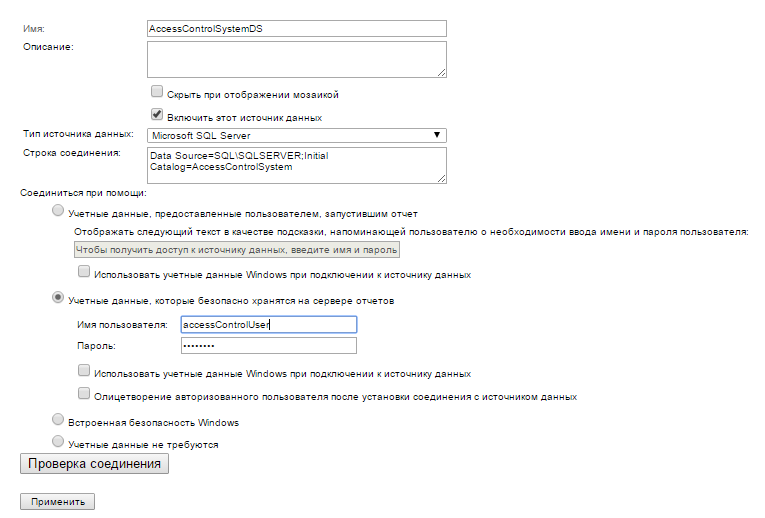
This section describes how to configure the system to create daily reports.

Before you start ensure that the database schema is generated (you need to run AccessControl.Web application and login)

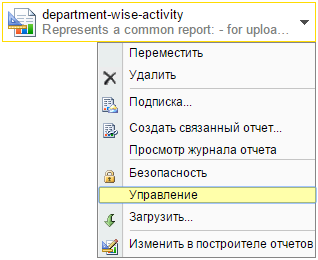
To proceed the steps below you need MSSQL Management Studio and MSSQL Reporting Services installed. Ensure that you properly configured SMTP for MSSQL Reporting Services to send emails.

Note: Sorry for language on the screenshots. I have only localized version of Reporting Services.

1. **Prepare database.**
   1. Run MSSQL Management Studio and open *reporting\report\_functions.sql* script.
   2. Replace values of *@AD\_UserName* and *@AD\_Password* variables with your Active Directory credentials.
   3. Execute the script
2. **Configure Report Manager**
   1. Open Report Manager web application.
   2. In Report Manager create a new data source and configure connection string to the database. This data source will be used for fetching report data.
   3. Click on Subscriptions and then create a new data-driven subscriptions



* 1. From Report Manager run Report Builder and open *reporting\department-wise-activity.rdl* file and upload that file on Report Manager.
  2. Locate the uploaded file and click Management in context menu and navigate to Subscriptions



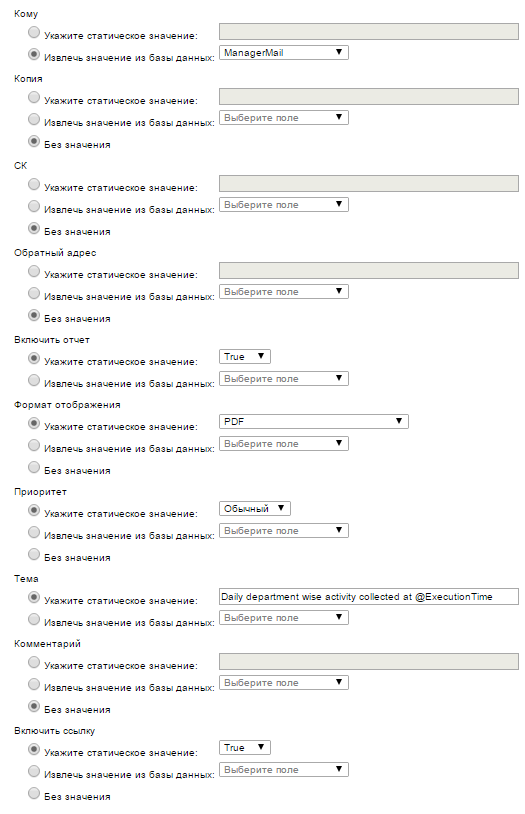
1. **Schedule daily department-wise activity log mailed to managers.**
   1. Create a new data-driven subscription.
   2. Enter description: Mailing to the department managers
   3. Use the data source AccessControlSystemDS created earlier
   4. Enter the following query to execute:

*DECLARE @domain VARCHAR(100) = '<domain name, for instance, evriqum.ru>'*

*DECLARE @dayOffset INT = 0 -- current day*

*EXEC dbo.ListDayLogTargets @domain, @dayOffset*

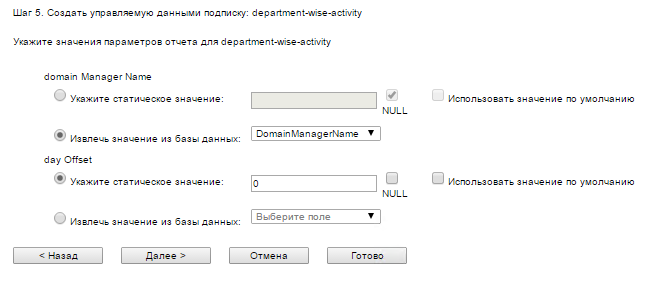
* 1. Specify values: sender – ManagerMail, Attach report – True, Format - PDF



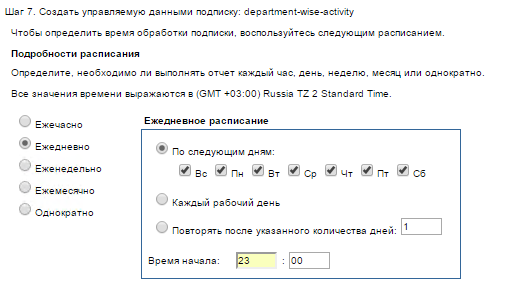
* 1. Enter report parameter values:

@domainManagerName = DomainManagerName from DB

@dayOffset = 0



* 1. Create a new schedule for the subscription



* 1. Click Finish

1. **Schedule department-wise attendance uploaded as CSV into a shared folder.**
   1. Create a new data-driven subscription.
   2. Enter description: Uploading to a shared folder
   3. Use the data source AccessControlSystemDS created earlier
   4. Enter the following query to execute:

*DECLARE @domain VARCHAR(100) = '<domain name, for instance, evriqum.ru>'*

*DECLARE @dayOffset INT = 0 -- current day*

*EXEC dbo.ListDayLogTargets @domain, @dayOffset*

* 1. Specify deployment values

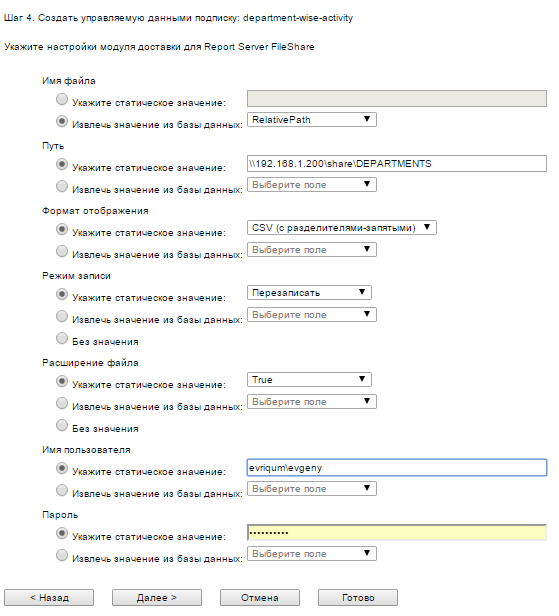
File name – RelativePath from database

Path – absolute path to a shared folder

Format – CSV

Mode - Overwrite

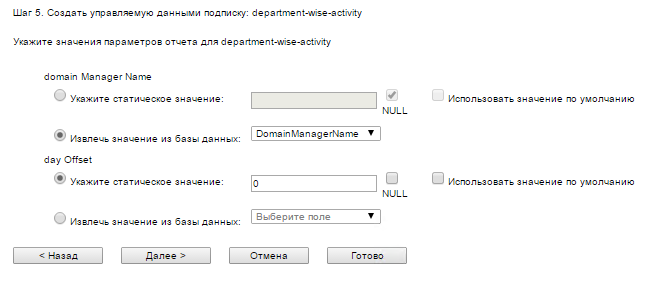
Your credentials to access the specified shared folder



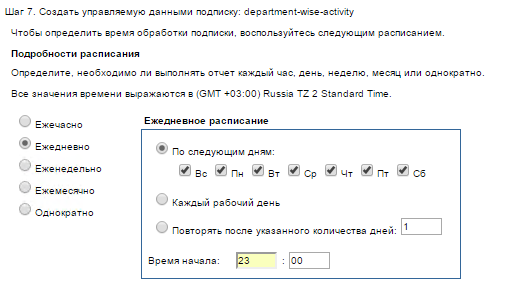
* 1. Specify report parameter values:

@domainManagerName = DomainManagerName from database

@dayOffset = 0



* 1. Create a new schedule for the subscription



* 1. Click Finish