

Windows Account Guidelines for ROSS 2.1

This document provides guidelines about which Windows accounts to use for ROSS replication/solution-deployment jobs in ROSS v2.1. The guidelines apply to both ROSS Center and ROSS Edge(s).

Note: ROSS administrators can connect to ROSS Center and define jobs using either the account specified in the table below or using another account. If jobs are defined using another account, it is possible to specify the recommended account (listed in the table) in the “Run As User” section located in the ROSS job scheduling options.

Accounts Required for ROSS Replication Jobs

The table below stipulates which Windows accounts to use for ROSS replication jobs.

Job Type	Replicating	Does target exist?	Center Account	Edge Account
Upload	Site Collection	Yes	Application Pool (See Note ¹ below)	Application Pool
Upload	Site Collection	No	Application Pool	Farm Administrator (See Note ² below)
Upload	Site	Any case	Application Pool	Application Pool
Download	Site Collection	Yes	Application Pool	Application Pool
Download	Site Collection	No	Farm Administrator	Application Pool
Download	Site	Any case	Application Pool	Application Pool

Note¹: The application pool account is the account defined for the application pool serving the relevant site/site collection. This is true for both the Center and the Edge account references.

Note²: The farm administrator account should be the farm administrator account that is used as the application pool account for the SharePoint™ administration site, and *not* any other farm administrator account in the group. The reason for this is that when additional farm administrators are added using the SharePoint™ administration site, these users are permitted to manage the farm but their operations are still carried out under the context of the application pool account of the administrative site. The accounts themselves do not have direct permission to access any of the farm databases or system resources and therefore any jobs running under these accounts will fail with access related errors.

Note about Using Built-in Accounts

When defining application pools in SharePoint™, you should avoid using Windows built-in accounts such as the “Network Service” or “System Account”. In a multi-machine configuration where the SQL authentication requires a domain account, using built-in accounts will not work. Additionally, built-in accounts do not meet the ROSS account requirements described above.

Solution Deployment

ROSS Solution Deployment jobs require the use of a user account which Microsoft's [Office SharePoint Server Security Account Requirements](#) document refers to as a **Setup User Account**. If you are required to assign strict privileges in your environment, please refer to the details in the paragraph below; otherwise, ROSS Solution Deployment jobs can be performed using a farm administrator account with administrator privileges on the Web Front End on which ROSS is running.

A Setup User Account is an account with local administrator privileges on the SharePoint computers, but not on the SQL Server computer. On the SQL Server computer, the Setup User Account requires a login to be set up and the **dbcreator** and **securityadmin** security roles to be assigned as fixed server roles. The role of **dbowner** for this account should be set in the farm database and in the **SharePoint_AdminContent** database associated with the farm. Apart from the aforementioned Microsoft requirements, the only ROSS requirement is to add the "Log on as a batch job" security policy to the Setup User Account.

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