
Installation and Configuration of SAS Application Server

David Wall - System Officer

Kim Yee - Basel II Credit Risk Analyst

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Pre-Installation Procedures

1. Obtain SAS Installation Data (SID)
2. Obtain SAS Installation Project Plan files from SAS (need SID & machine name) which includes plan.xml and Pre-Installation Checklist document
3. There is option during install to set up Software Depot to aid enterprise wide installs (CBA use Radia instead)

Pre-Installation Checklist

Pre-Installation Checklist for Windows

Before you begin installing your software, you must create certain user accounts required by the SAS Configuration Wizard. **Print this document** and keep track of your progress by filling in the blanks and adding checkmarks, e.g., [X], in the **Done** columns below. You will need to enter the exact values you write down on this checklist into the SAS Configuration Wizard and SAS Management Console. **Failure to accurately complete each step will prevent you from successfully configuring your SAS software.**

When creating these users, it is recommended that you:

- Deselect "User must change password at next logon"
- Select "User cannot change password"
- Select "Password never expires"

Note: In the Windows user manager, you cannot enter "domain\username" (you enter user name only), but you will need to enter "domain\username" in the SAS Configuration Wizard and SAS Management Console.

If you are installing Platform JobScheduler: The user account used to install Platform JobScheduler is called the installation account. It does not need to be an LSF user. It must be a local administrator on all the hosts you are installing (a Windows domain administrator account is normally a local administrator on every host in the domain) and it must be granted the "act as part of the operating system" user right on Windows NT and Windows 2000.

Note: We strongly recommend that you create new user IDs for the users listed below. Although new user IDs are not mandatory, using existing user IDs will not work if the user IDs do not match one for one with the recommended configuration below. Do not collapse roles. This includes group membership requirements.

The new user IDs can conform to your site standards so the names do not have to match these documented user IDs. If you choose to vary from these documented user IDs, please ensure there is a new corresponding user ID for each user ID documented in this checklist.

Passwords for these user IDs cannot contain more than one "\$" character.

1. Create a **SAS Administrator** that can be authenticated on the metadata server machine. This user has privileges to manage user accounts in metadata and administer the metadata server. The SAS Administrator has unrestricted access to the metadata and this user ID should be protected accordingly. This account should never be used for applications other than the SAS Management Console.



User accounts/permissions

1. Create user accounts and group (script available)
2. Set user permissions (script available)
3. CBA needed extra step of adding SAS Server Users group to security permissions for each drive to be accessed (data directory, documents & settings etc)

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Installation

- Project Install uses Software Navigator. Makes install process straightforward
- Run System Requirements Wizard to update your system to minimum system requirements (eg Java Runtime Environment)



Products Installed at CBA

Installed via Radia:

- SAS 9.1 Foundation
- Java Runtime Environment
- SAS Management Console
- SAS Foundation Services
- SAS EM Client
- SAS ETL Studio
- SAS Enterprise Guide
- Platform Job Scheduler

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Configuration Steps

My Configuration Steps - Machine "snug0905"

Based on the software you chose to install and configure on this machine, these are the manual configuration steps required to complete your deployment.

Using This Information

It is highly recommended that you follow these steps in the order presented here.

The information in **bold text** indicates the values that must be entered into the various applications.

There are two ways to use this information.

1. Using your web browser, position this information next to the applications on your screen. For text entry fields, cut the **bold text** from this information and paste it into the application fields.
2. Print this information.



Throughout this document, this image indicates that an automation script has been provided to execute the steps of this section. After executing any of the automated scripts, you may need to refresh the view in SAS Management Console in order to see the updates.

High Level Overview of the Steps

Note: The steps listed below were generated based the software you planned to configure on this machine.

1. [Start your Metadata Server](#)
2. [Start the SAS Management Console](#)
3. [Define your Metadata Repository](#)
4. [Define your Metadata Users](#)
5. [Defining Default Authorizations](#)
6. [Define your SAS Application Server](#)
7. [Define your Stored Process Server](#)
8. [Define your OLAP Server](#)
9. [Define your Data Step Batch Server](#)
10. [Define your Object Spawner](#)
11. [Define your SAS/CONNECT Server](#)
12. [Define your SAS/CONNECT Spawner](#)

Software Configured at CBA

Necessary:

- SAS Metadata Server
- SAS Workspace Server
- SAS Object Spawner
- SAS Enterprise Miner Java Client

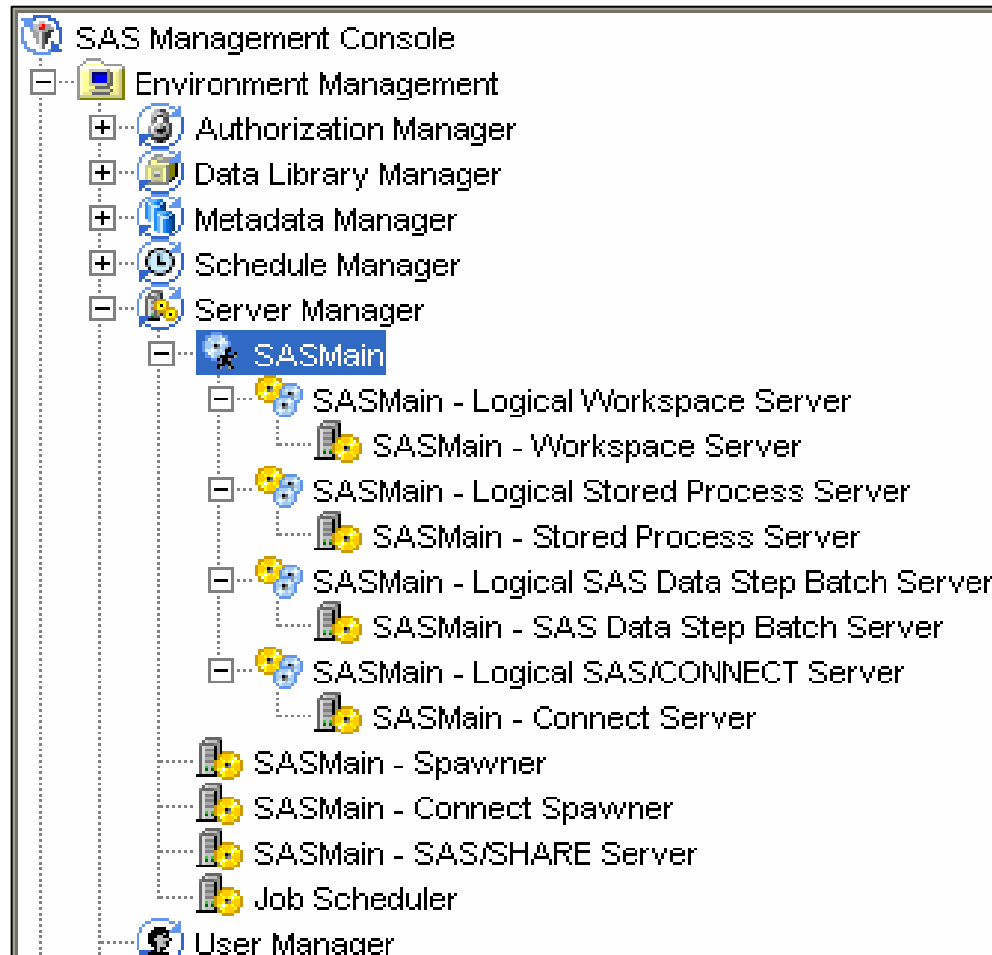
Optional:

- Stored Process Server
- SAS/Share Server etc

Tricks during configuration

- Ensure user account passwords are set to never expire (refer to Pre-Install Checklist)
- When setting up Application/Workspace Server etc there are scripts that can be run to automatically configure them. If manually configuring ensure that you type exactly as per instructions or Test Connection will fail

Servers Configured at CBA



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