

Information regarding the intricacies in the deployment of BI servers on each machine in a multiple platform (operating system) environment

The purpose of this document is to provide supplemental information for customers who plan to run BI servers on multiple platforms. The principal source of information on this topic is the SAS 9.1.3 Intelligence Platform: Installation Guide (<http://support.sas.com/documentation/configuration/biig.pdf>).

When installing and deploying the SAS BI Architecture on multiple machines, it is highly recommended that you use a Plan file (plan.xml). When using a Plan file, you will invoke the Configuration Wizard which will create the `instructions.html` file. It is also recommended that you install the SAS Management Console on each machine in your SAS 9 deployment for viewing and updating the SAS metadata.

The first machine you must configure will include your metadata server and may include other servers. When you configure this machine using the customized `instructions.html`, you will perform a variety of tasks.

To ensure the success of your SAS 9 deployment, it is imperative that you follow the `instructions.html` explicitly for the first machine with the metadata server.

The next machine you will configure may include other servers, but not the metadata server. When you run the SAS Configuration Wizard on this machine, it will produce another `instructions.html` file.

In the multi-platform scenario, this machine will be running a different operating system. Therefore, you will need to define a new Authentication Domain and logins. This new Authentication Domain will be specified when adding specific new logins to metadata identities (users and groups) using the SAS Management Console's User Manager.

Take care to perform only the steps in the `instructions.html` that are necessary for this machine. You may need to diverge from the `instructions.html` in the section entitled Defining your Metadata Users.

Because you have previously configured a machine with the metadata server, you have defined groups, users, and logins including at least one Authentication Domain for the environment.

For example, if your metadata server is on a Windows/NT machine (Authentication Domain: DefaultAuth) and you want to define a stored process server on a UNIX machine, in the SAS Management Console, you will need to:

- Add a new login to the “SAS General Servers” group, e.g., user ID `sassrv` with a new authentication domain, e.g., `UNIXAuth`. This user ID will be specified when you complete the “Define your Stored Process Server” task.
- Edit the properties of the Stored Process Server component:
On the Options tab:
Select Advanced Options.... On the Credentials tab, select `sassrv` from the Login list.

SAS General Servers Properties - Logins tab

Authentication Domain	User ID	Password
DefaultAuth	WinNT\sassrv	*****
UNIXAuth	sassrv	*****

In addition, you will need to add a new login for the following users/groups in the `UNIXAuth` Authentication Domain:

SAS Management Console > User Manager > User/Group > Properties > Login tab

User: SAS Guest

User ID: `sasguest`

Authentication Domain: `UNIXAuth`

User: SAS Demo User

User ID: `sasdemo`

Authentication Domain: `UNIXAuth`

Group: SAS General Servers (Described above)

User ID: `sassrv`

Authentication Domain: `UNIXAuth`

Each time you add a machine to your configuration that uses a new authentication method, you will need to add an Authentication Domain and logins for it.