ISYS 41903 Setup Playbook

SAS Services Access

Adding students to the SAS server grants them access to a wide range of resources, including datasets, analytical tools, programming environments, and educational materials. This access is crucial for students to complete assignments, projects, and coursework that involve data analysis, modeling, and reporting using SAS software.

1. Login to server <server name> via Remote Desktop (RDP)

    Note: This is good for a PC, if you have a Mac computer you will need to download Microsoft Remote Desktop (https://apps.apple.com/us/app/microsoft-remote-desktop/id1295203466?mt=12)

2. Right-click Start→Computer Management
3. Go to Local Users and Groups---Groups---SAS Users Group
4. Double-click SAS Users Group and select "Add"
5. Copy/Paste your username roster into the "Object names to select" field→Click OK

Active Directory Group Access

(Access to the SAS D Drive share for ISYS 4193, ISYS 4293, and SAS Viya)

By using Active Directory groups, access management becomes more efficient. Instead of individually assigning permissions to each user, permissions can be granted or revoked at the group level. This simplifies administration and reduces the risk of errors or inconsistencies in access control.

Login to server <server_name> via Remote Desktop (RDP)

1. Launch Active Directory Users and Computers
2. Go to path/path-to/path-to/<Directory_Name>
3. Open <Directory_Name> and go to Members--Add
4. Copy usernames into the "Object names to select" field
5. Repeat this process for AD group GROUP1 and GROUP2

Create Personal SAS Folders

Having a personal folder allows users to organize their files and data in a structured manner. Students can create subfolders, categorize their work, and easily locate and access their files when needed.

1. Obtain SASDrive Template file to create script
    - Should contain the following lines (one for each username):

- mkdir <username>
- setACL.exe -ot file -on <username> -actn setprot -op "dacl:p_c"
- icacls <username> /grant Administrators:F /grant gacl\<username> :(OI)(CI)M /remove Users
2. Save script file as <filename>.cmd
3. Connect to <server_name> via Remote Desktop (RDP)
4. Go the D:/ISYS4193 folder and run the created cmd file saved in Step 2 (Do not run as admin)
5. Go the G:/EM Projects folder and run the created cmd file saved in Step 2 (Do not run as admin)

SAS EG and EM Access

This mapping ensures that each student has the correct credentials to access SAS EG and EM.

1. Launch SAS Management Console
2. Login with SAS User Administrator credentials
3. Right-click User Manager –New—User
   - General Tab:
     - Name: Full Name
     - Display Name: Full Name
   - Groups and Roles Tab:
     - Select ISYS 4193 Group and ISYS 4293 Group from the "Available Groups and Roles" column and move those groups to the "Member of" column
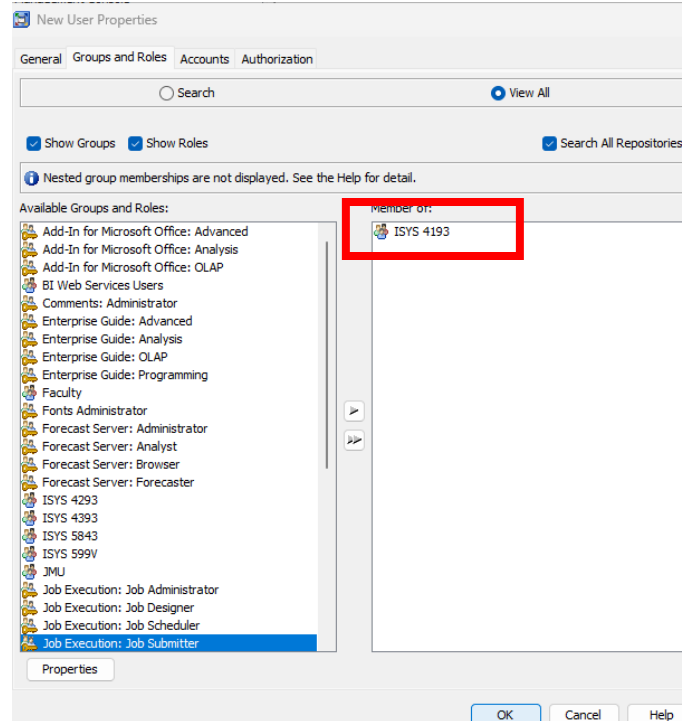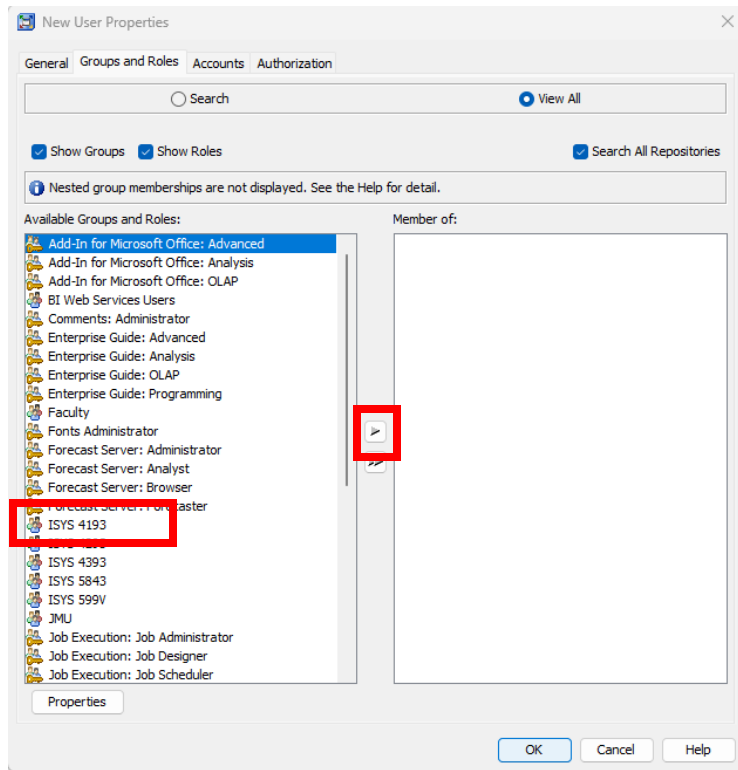
- Accounts Tab:
  - Click New
  - UserID: GACL\<username>
  - Click OK twice

  Repeat Section 4 for each student from the roster list