

Managing User Access with SAS Environment Manager

One of the essential tasks for a SAS Viya administrator is managing user access and permissions to ensure that users have the appropriate level of access to data and functionalities. SAS Environment Manager is a powerful tool that allows administrators to efficiently manage these permissions.

Tip: Using SAS Environment Manager to Assign User Roles

Example Scenario: Assigning a User to the Data Scientist Role

In this scenario, you want to assign a user to the "Data Scientist" role, which provides access to advanced analytics and model building capabilities.

Steps to Assign User Roles in SAS Environment Manager:

1. Log into SAS Environment Manager:

- Open your web browser and navigate to the SAS Environment Manager URL.
- Log in with your administrator credentials.

2. Navigate to the User Management Section:

- In the SAS Environment Manager interface, click on the "User Manager" tab in the left navigation pane.

3. Select the User:

- In the User Manager, you will see a list of users. Find and select the user you want to assign the role to. You can use the search function to locate the user quickly.

4. Assign the Role:

- Once you have selected the user, click on the "Edit" button.
- Navigate to the "Roles" tab within the user's profile.
- Click on the "Add" button to assign a new role to the user.
- From the list of available roles, select "Data Scientist" and then click "OK" or "Save" to apply the changes.

5. Verify Role Assignment:

- After saving the changes, verify that the user has been successfully assigned the "Data Scientist" role by checking the roles listed in the user's profile.

Benefits of This Tip:

- Enhanced Security: Ensures that users have the appropriate level of access to sensitive data and functions.

- Improved Workflow: By assigning the correct roles, users can access the tools and features they need without unnecessary restrictions.

- Efficient Management: SAS Environment Manager provides a centralized interface for managing user roles and permissions, simplifying the administration process.

Example Code (for reference):

While the primary method for managing user roles is through the SAS Environment Manager interface, you can also use SAS code to manage user access programmatically if needed. Here's an example of how you might assign a role using SAS code:

```
/* Example: Assigning the 'Data Scientist' role to a user */
```

```
proc cas;  
  session mySession;  
  user="john.doe";  
  addRole="Data Scientist";  
  table.addCaslib / caslib=user action=addRole;  
run;
```

This code snippet demonstrates the structure, though the actual implementation might vary depending on your specific environment and requirements.

Conclusion

Managing user access and roles is a crucial part of SAS Viya administration. By using SAS Environment Manager, administrators can ensure that users have the appropriate permissions to perform their tasks efficiently and securely. This tip provides a straightforward approach to assigning roles, enhancing both security and productivity within your SAS Viya environment.