See What's Possible with SAS® VA Workshop

8th January 2019 – Afternoon Session

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THE POWER TO KNOW.

Managing SAS® Viya® VA environment

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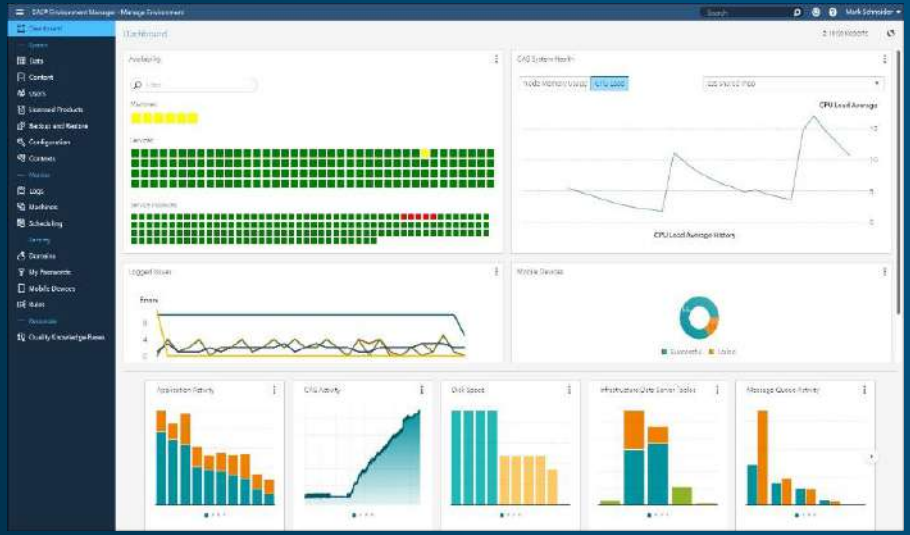
Governance



- Identity Management (e.g. users, groups)
- Authorization (e.g. data, content, capabilities)
- Row Level Security
- Performance Monitoring
- Auditing

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Initial Administration Tasks

1 Setting up Users and Groups
2 Setting up User Roles
3 Securing Folders and Content
4 Providing Access to Data and Securing Data
5 Promotion of Content

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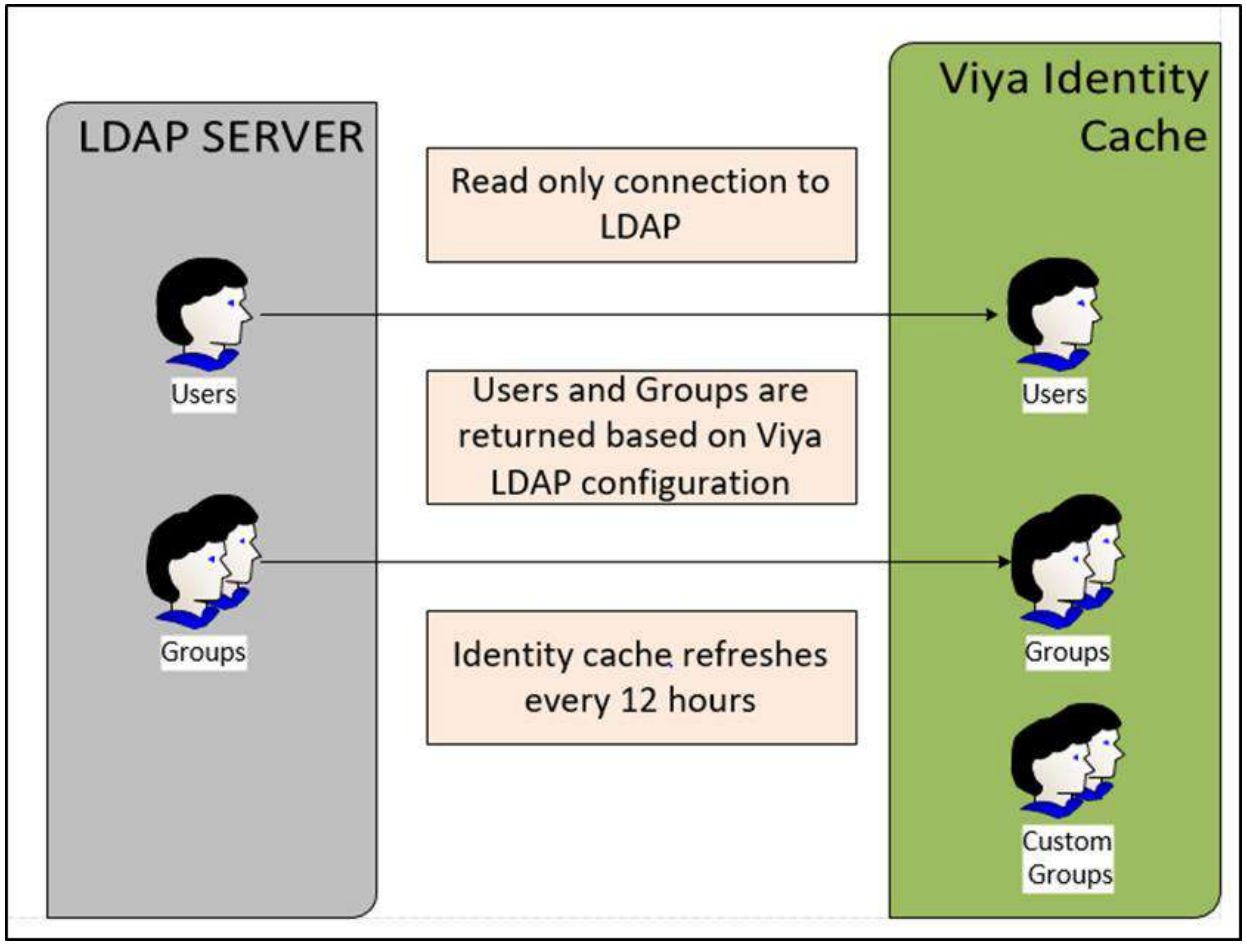
Users and Groups in Viya

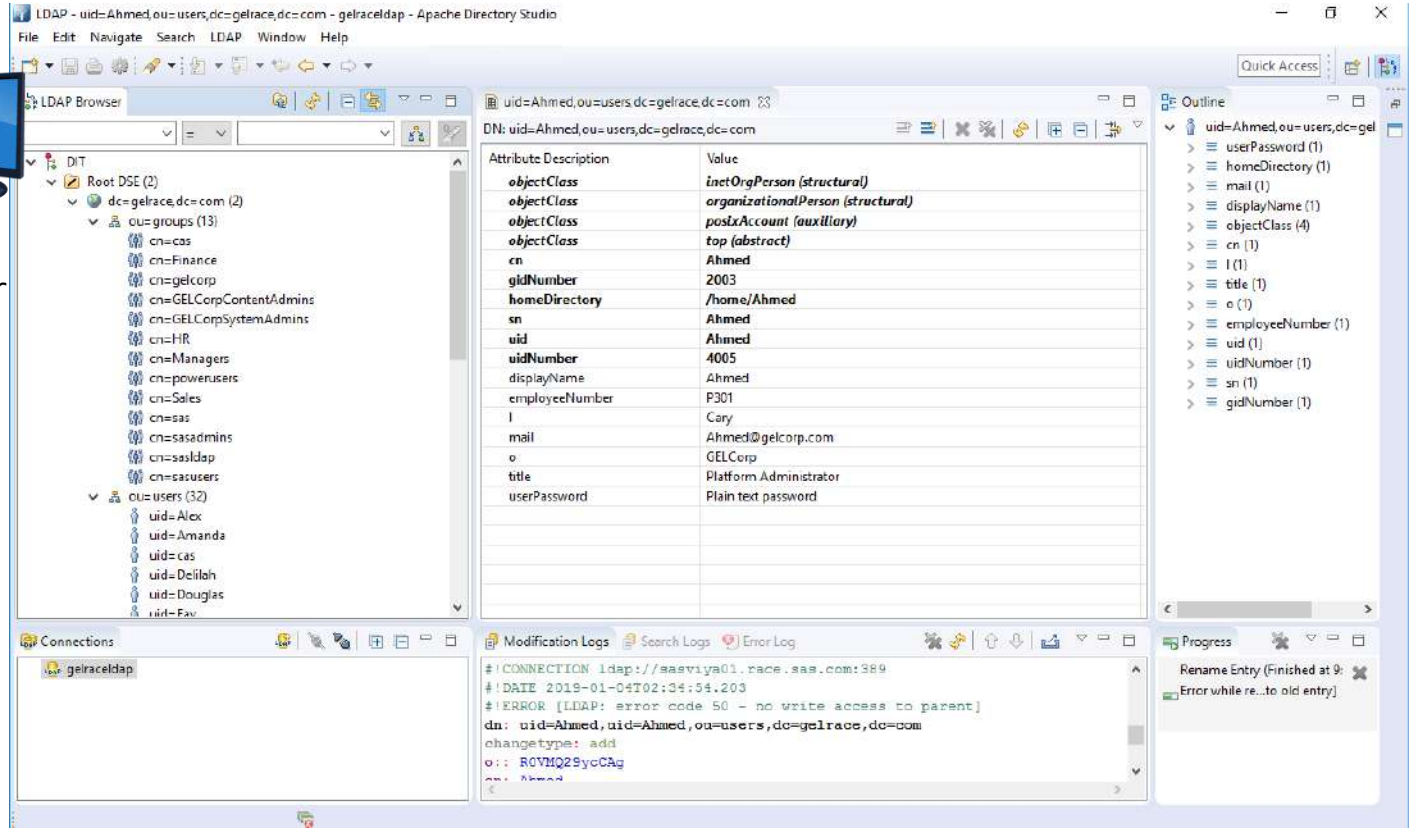
Viya Visual interfaces supports a variety of authentication methods. Regardless of the authentication method selected an LDAP server must be used for identity management



Users Management

LDAP / MS Active Directory

IT Administrator



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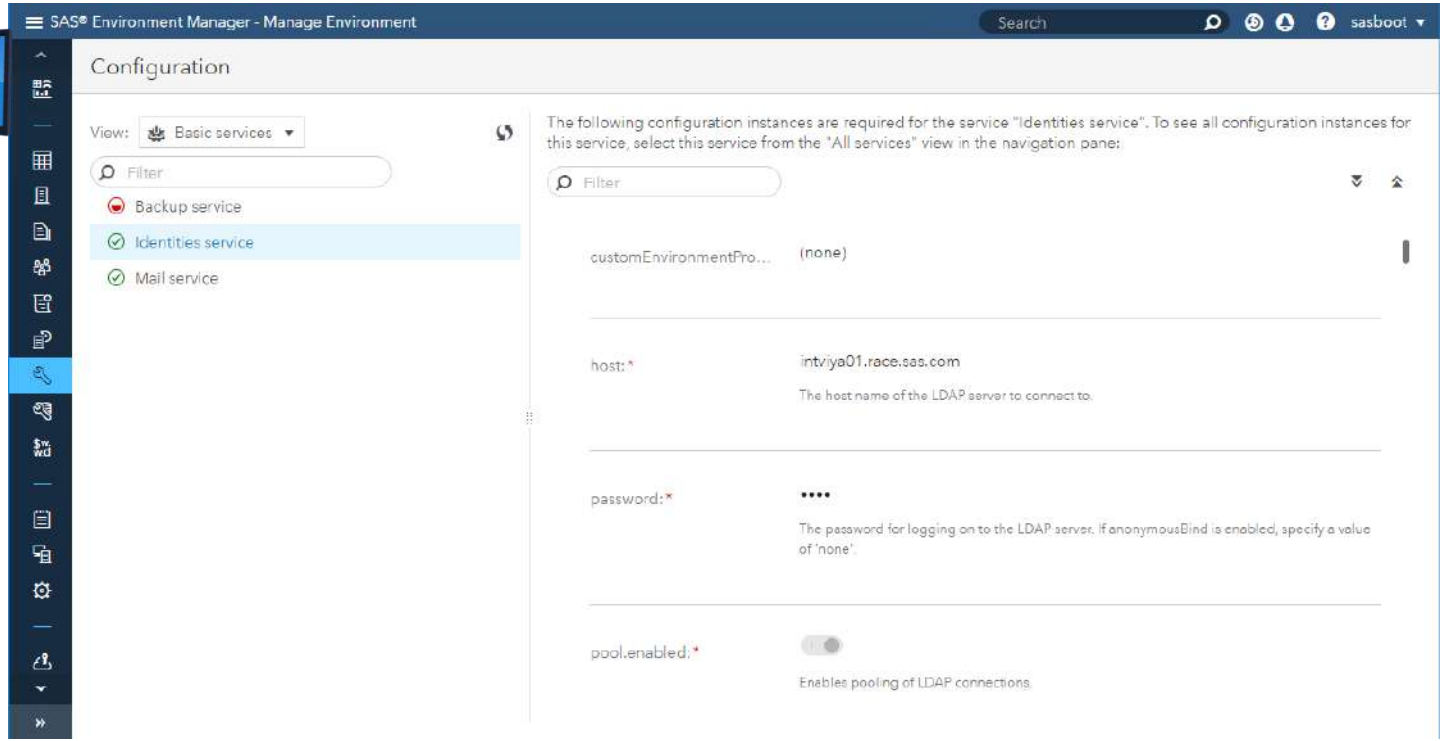
LDAP Integration

One Time Setup during Configuration

IT Administrator



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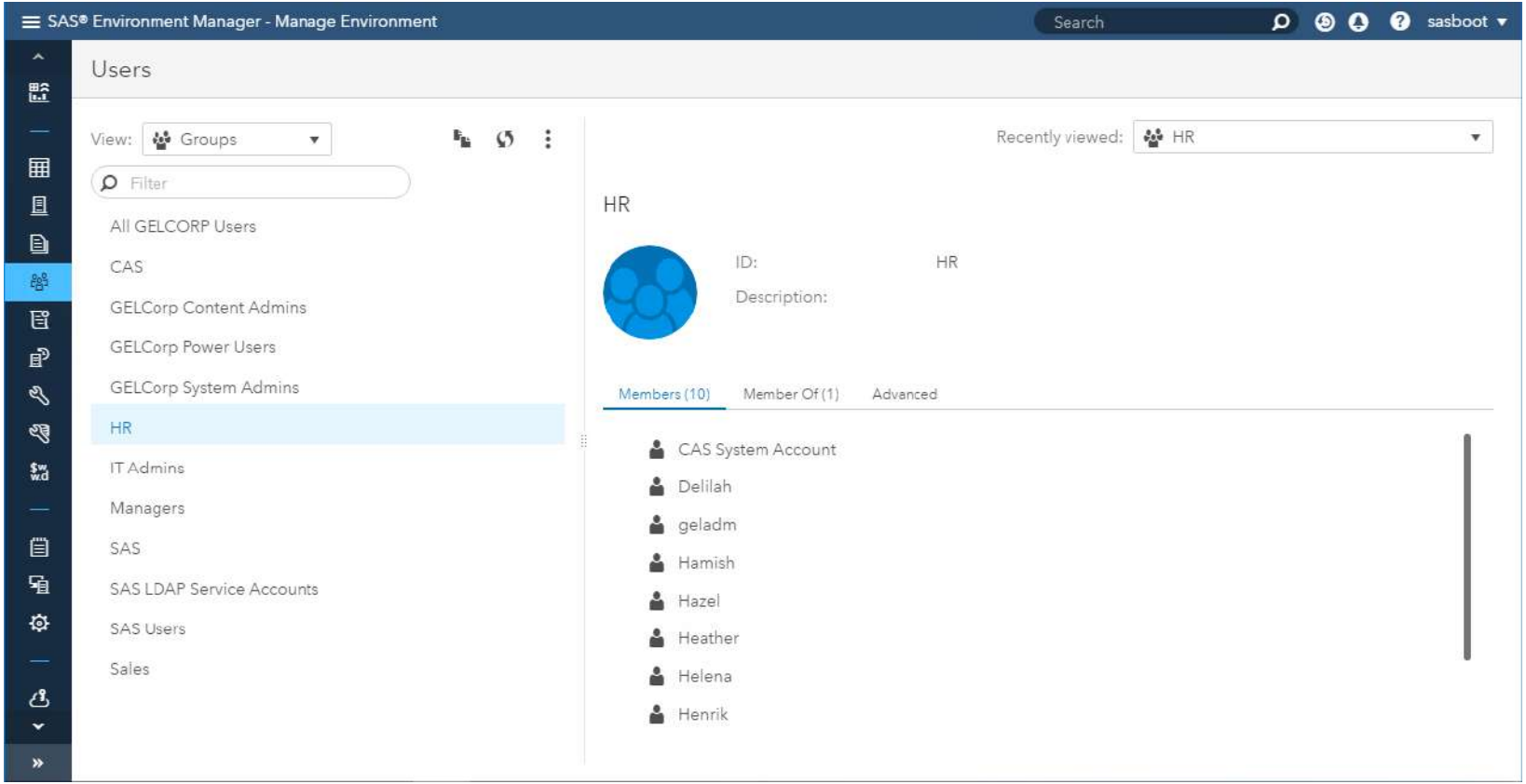
User Group from LDAP / MS Active Directory



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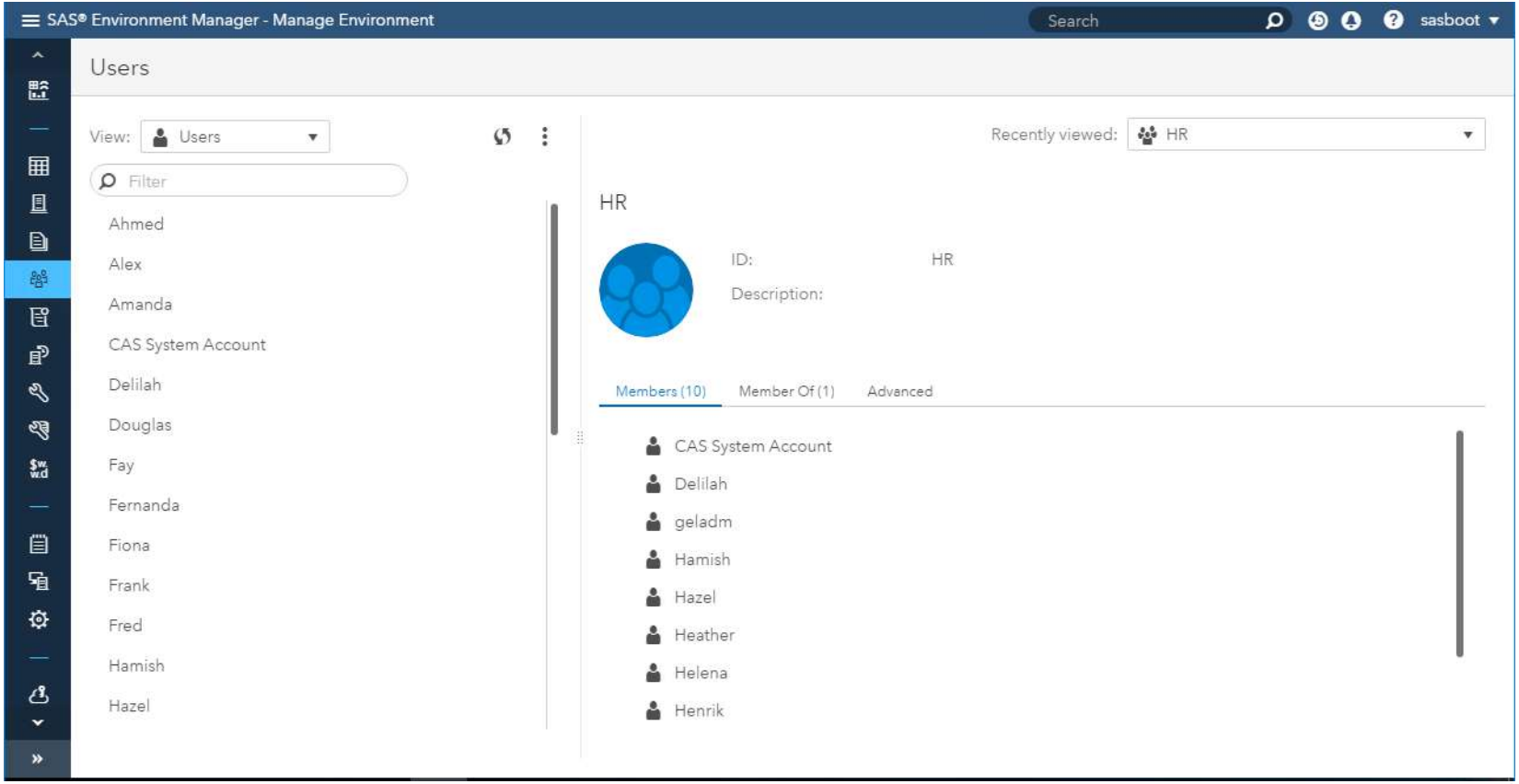
User Login from LDAP / MS Active Directory



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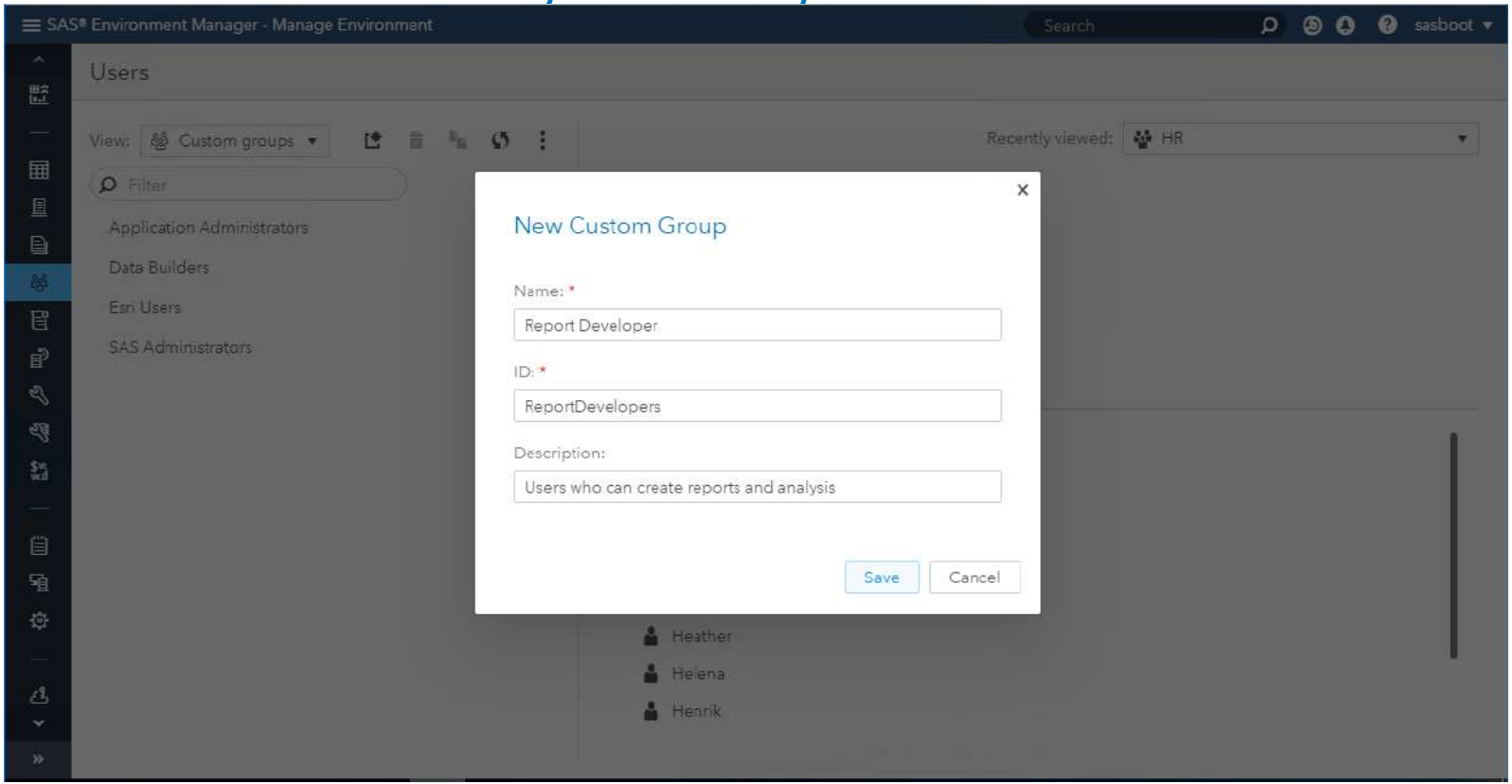
Creating New User Group

Only for SAS Viya Platform



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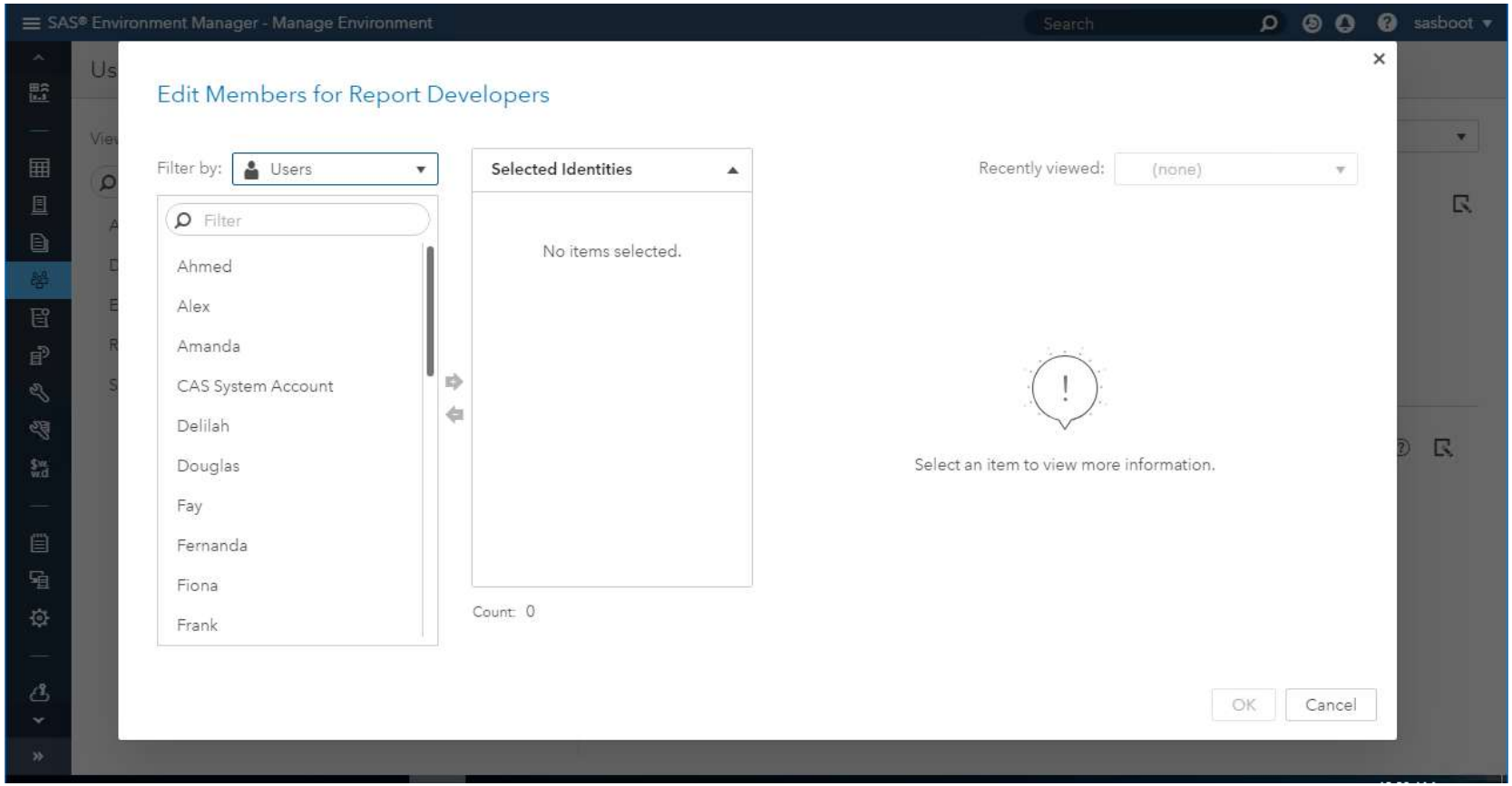
Adding Members



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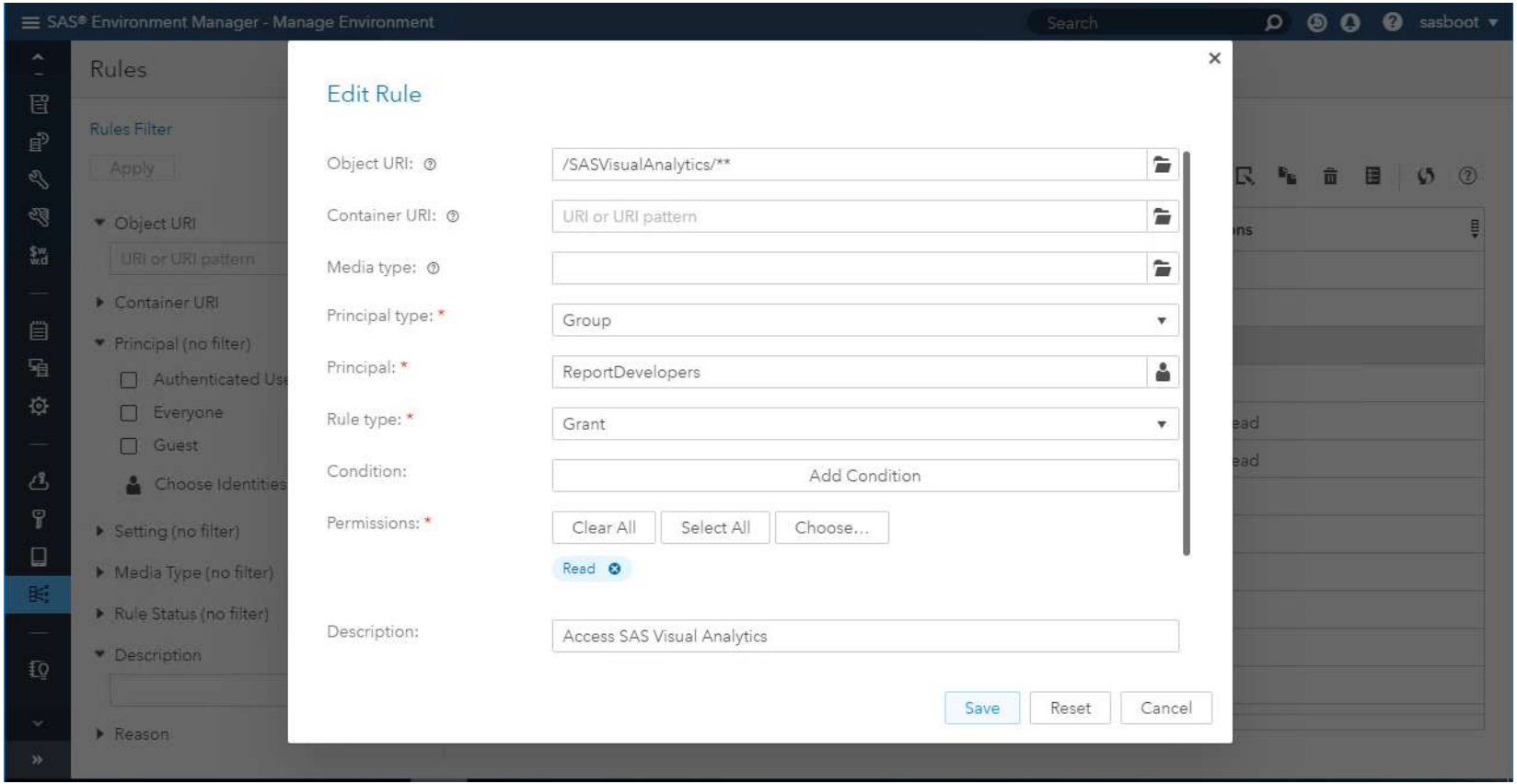
Define User Roles for Custom User Group



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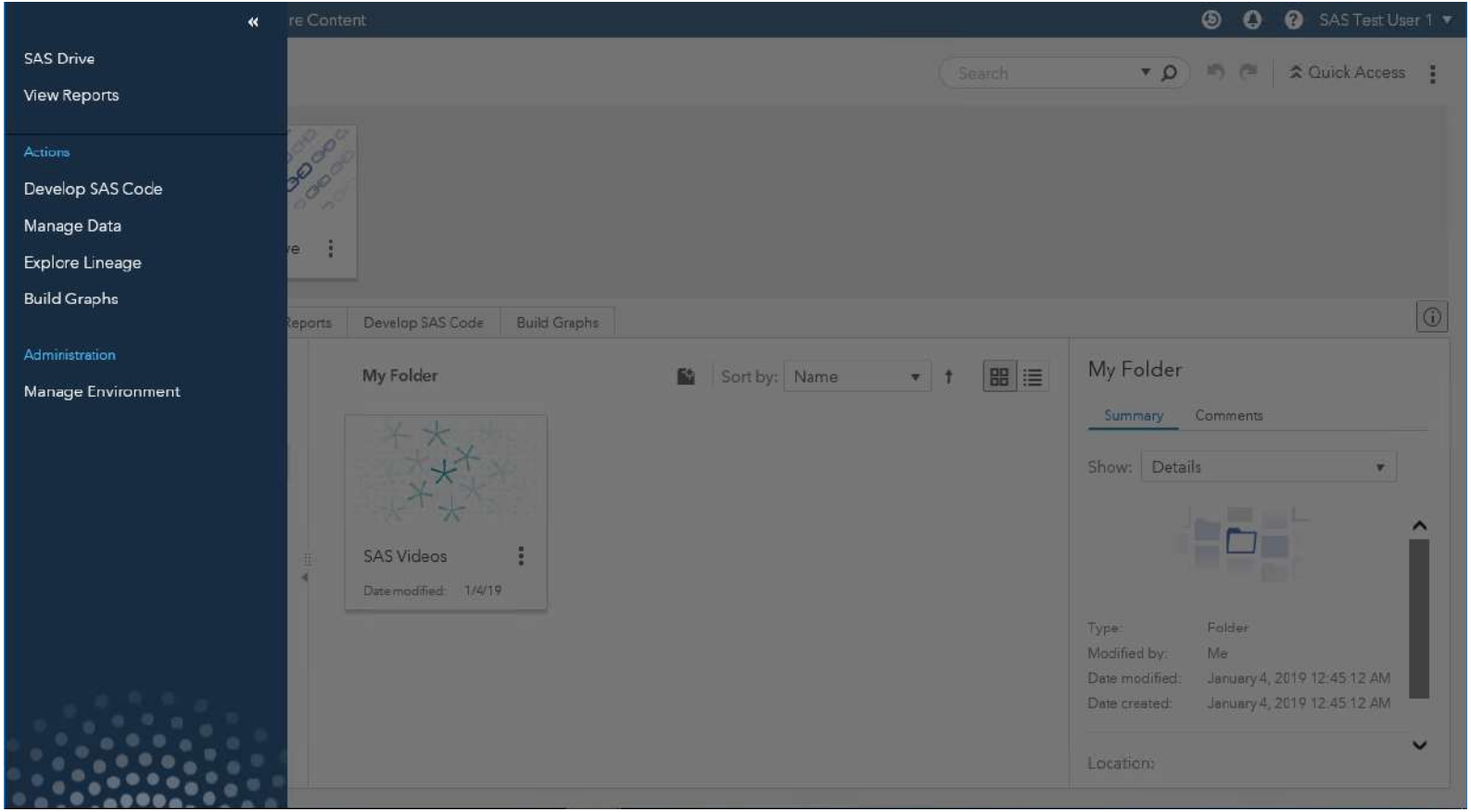
SAS User Login After Rules Assign



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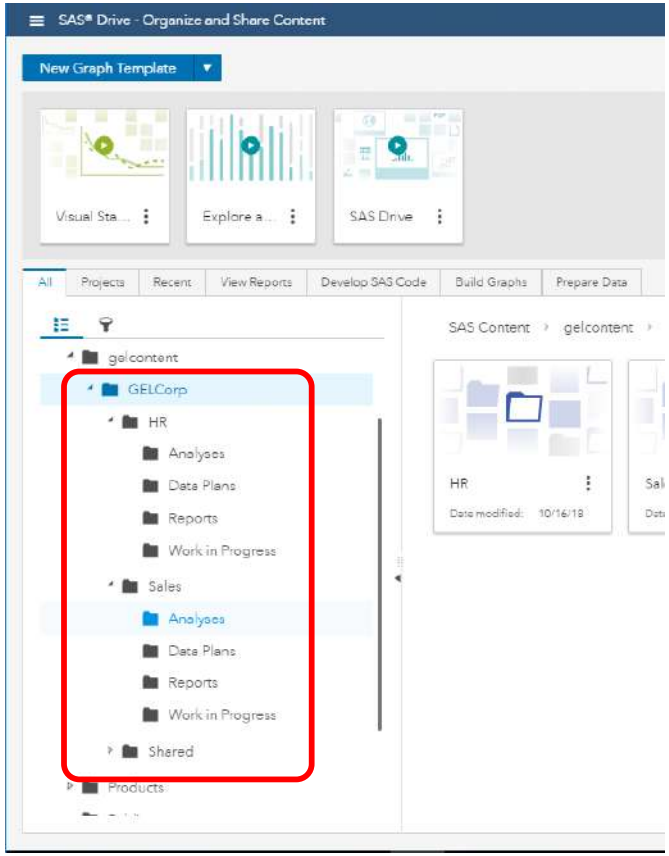
Create Customizable Folder Structure



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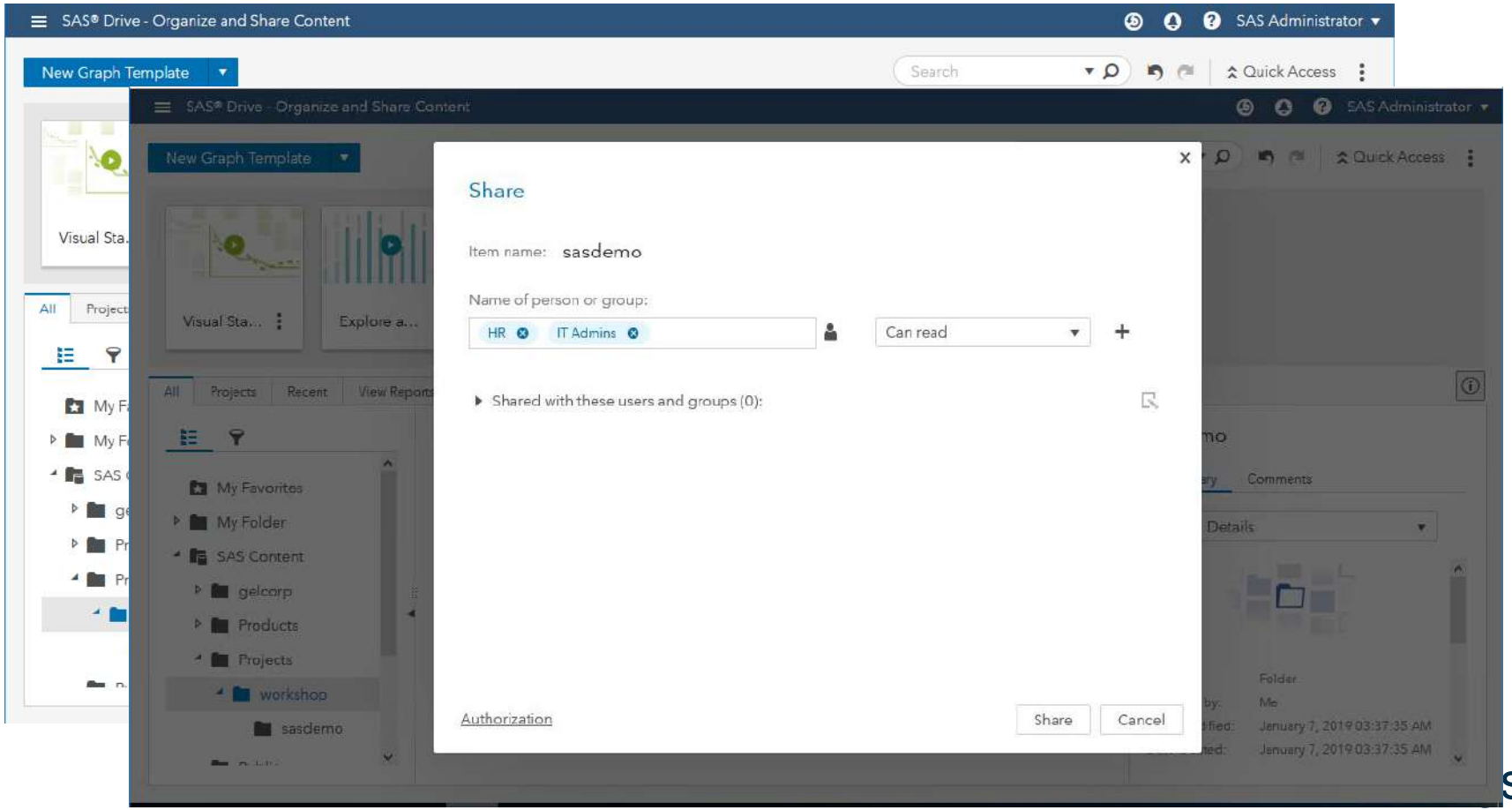
Share Folder with Others User / User Group



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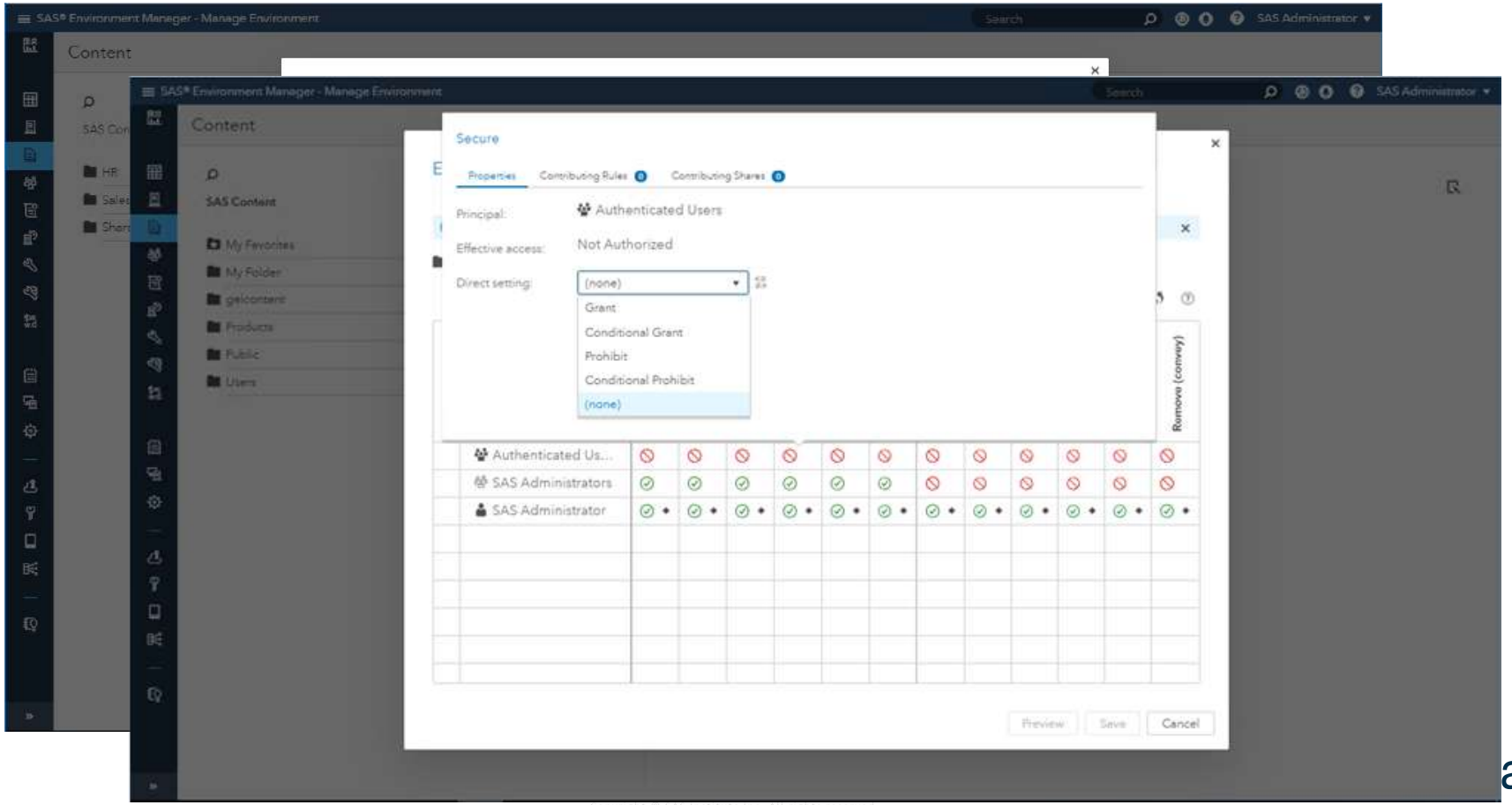
Assign Access Right (Only Administrator)



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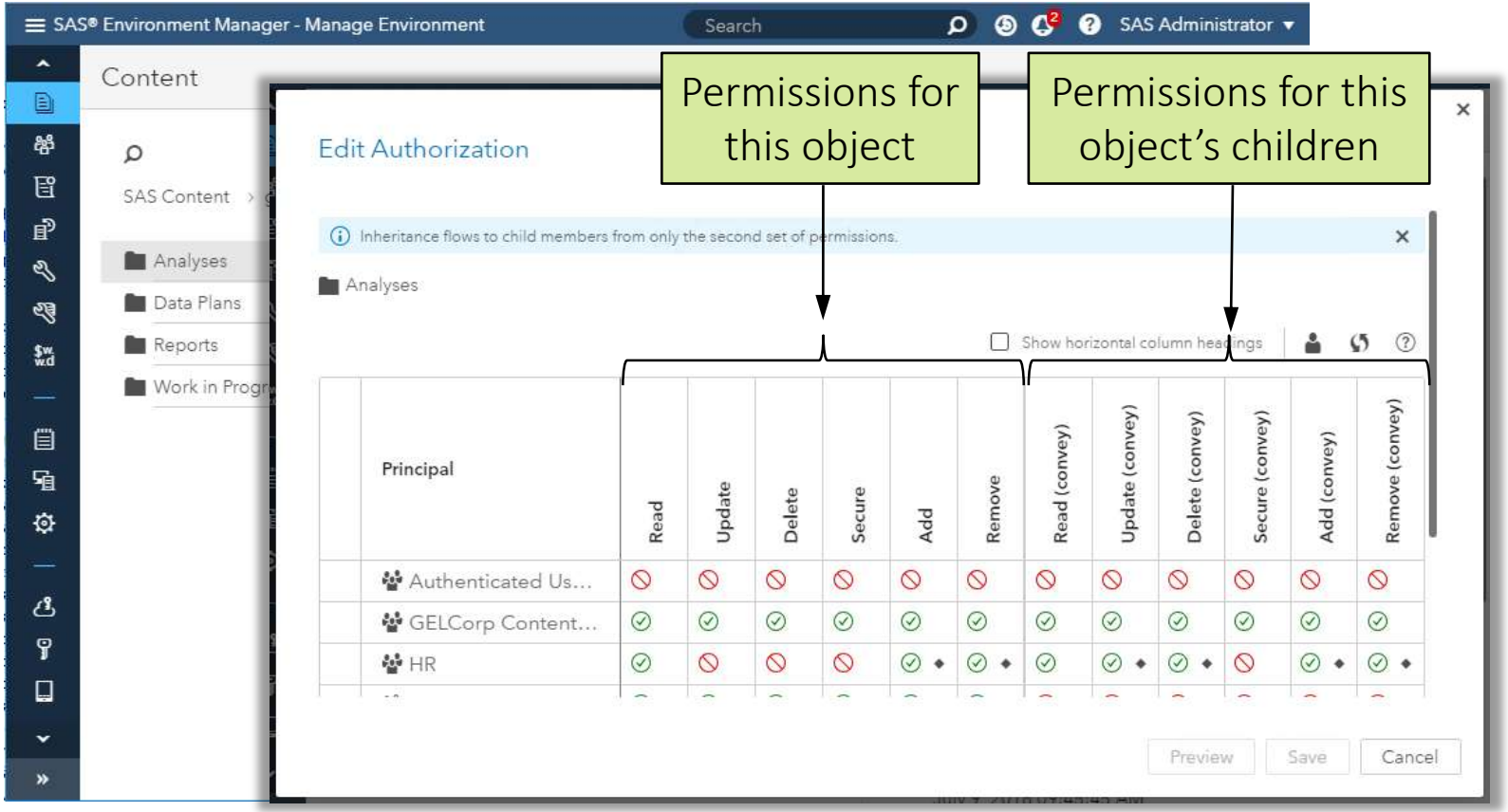
Object Permissions



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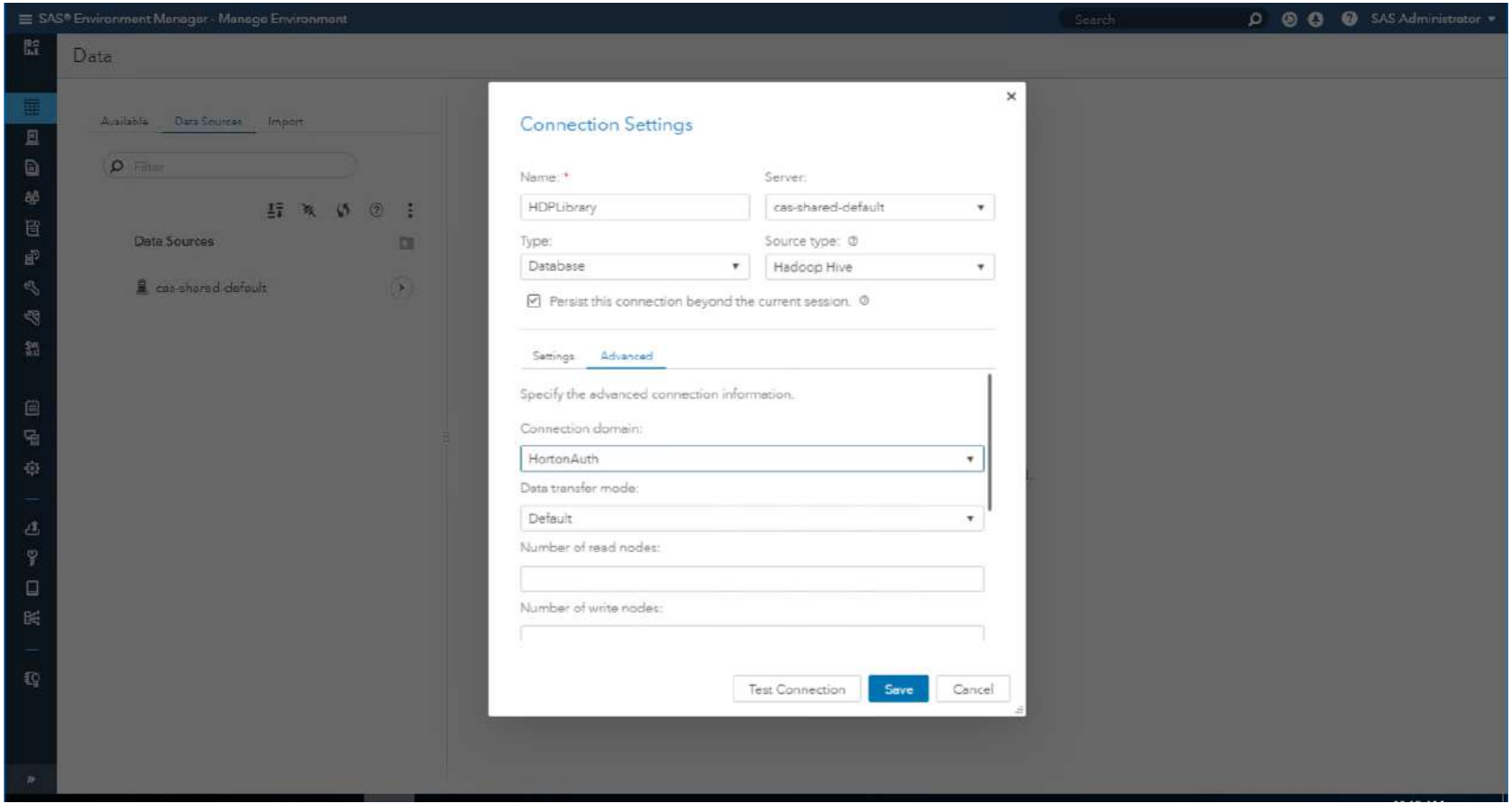
RDBMS Connection Definition



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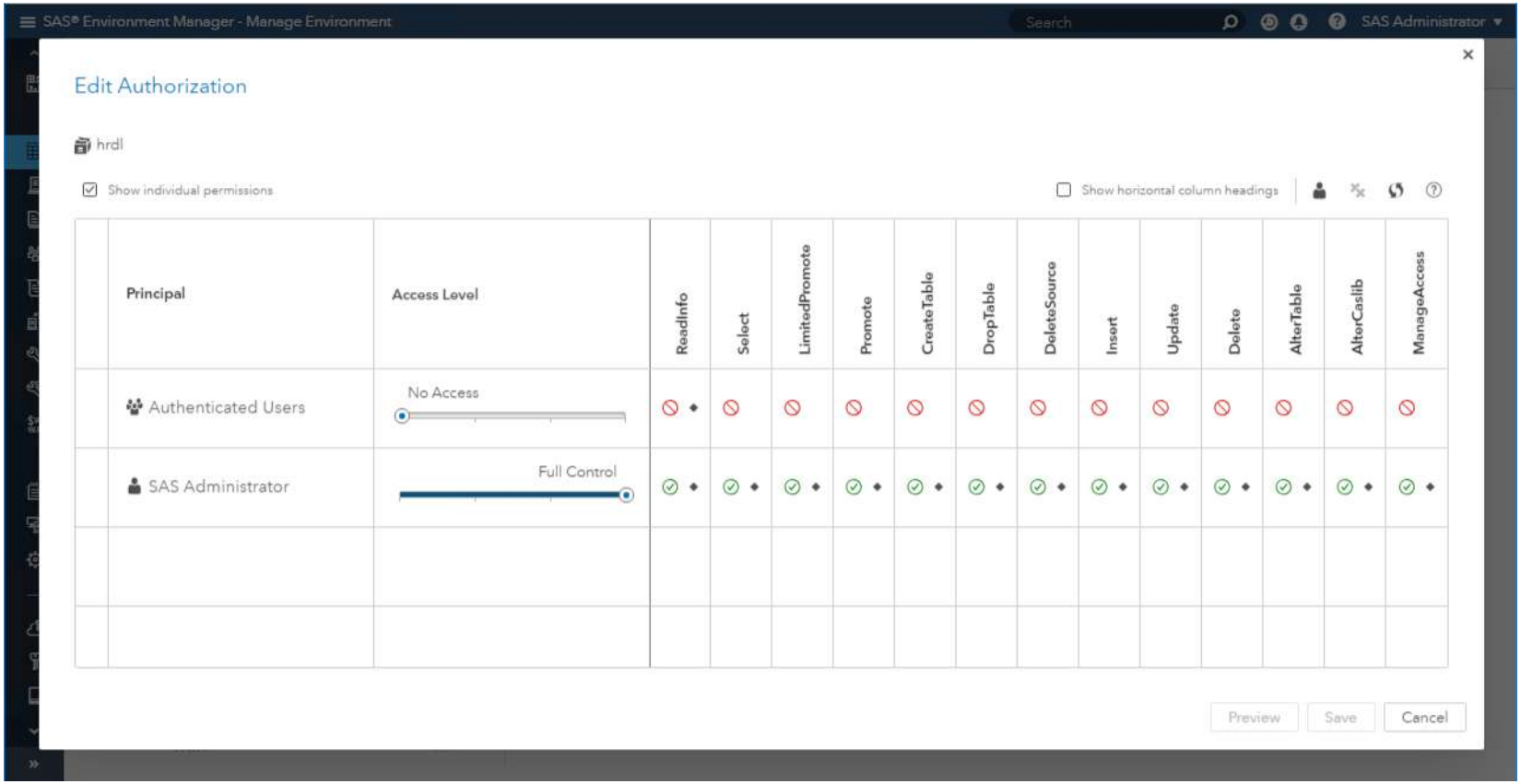
Database / Schema Privilege



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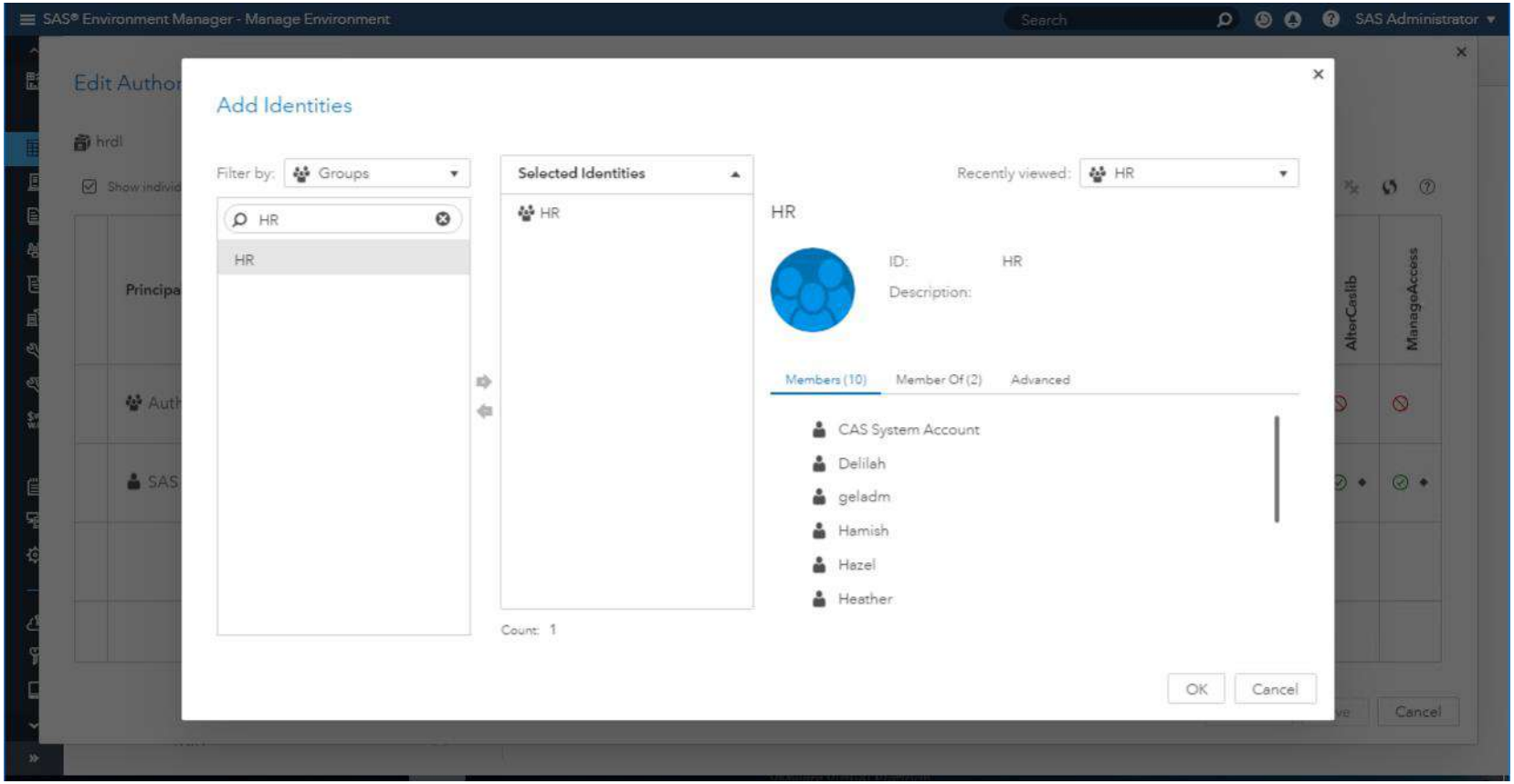
Adding User/Group Data Access Privilege



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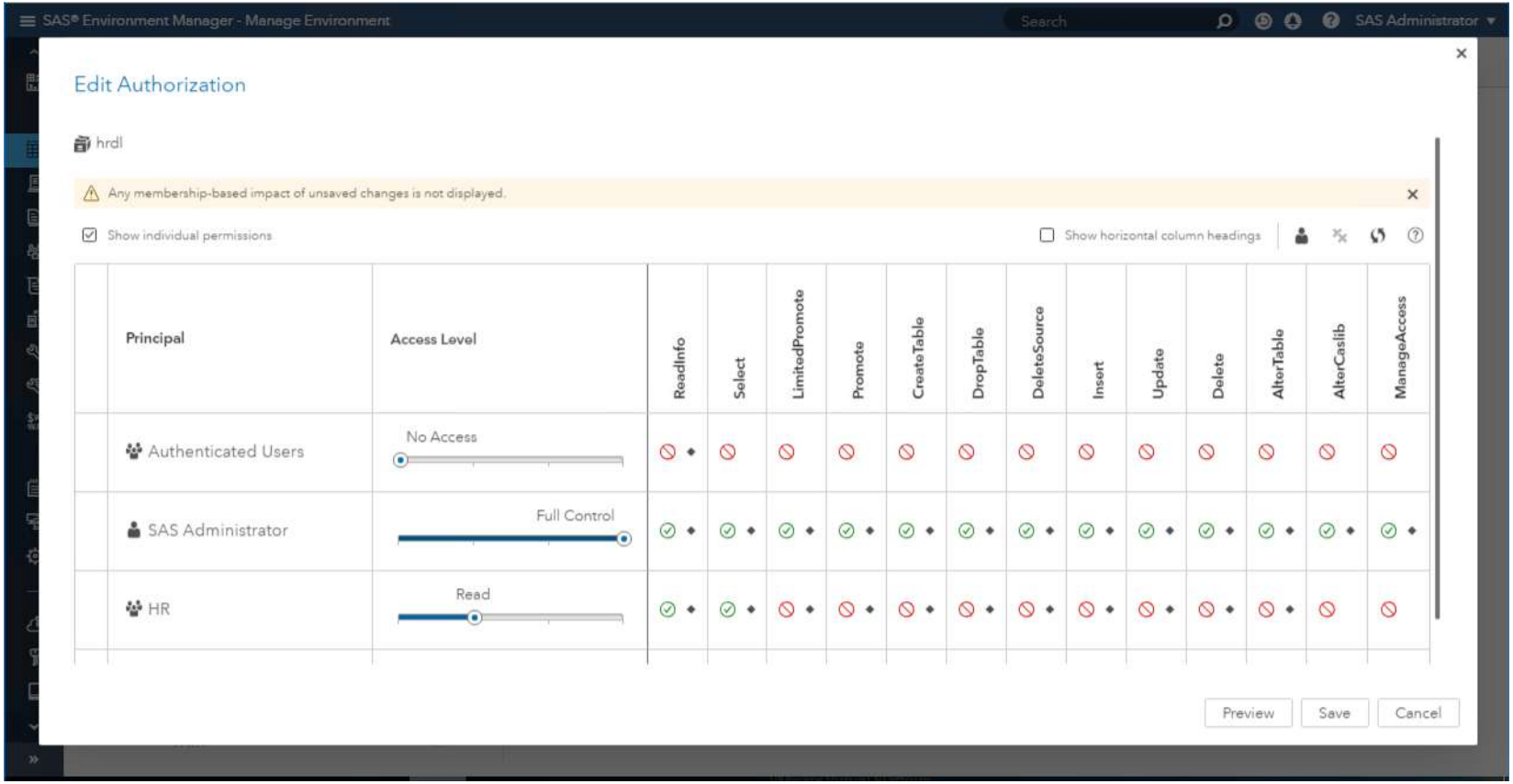
Grant User/Group Data Access Privilege



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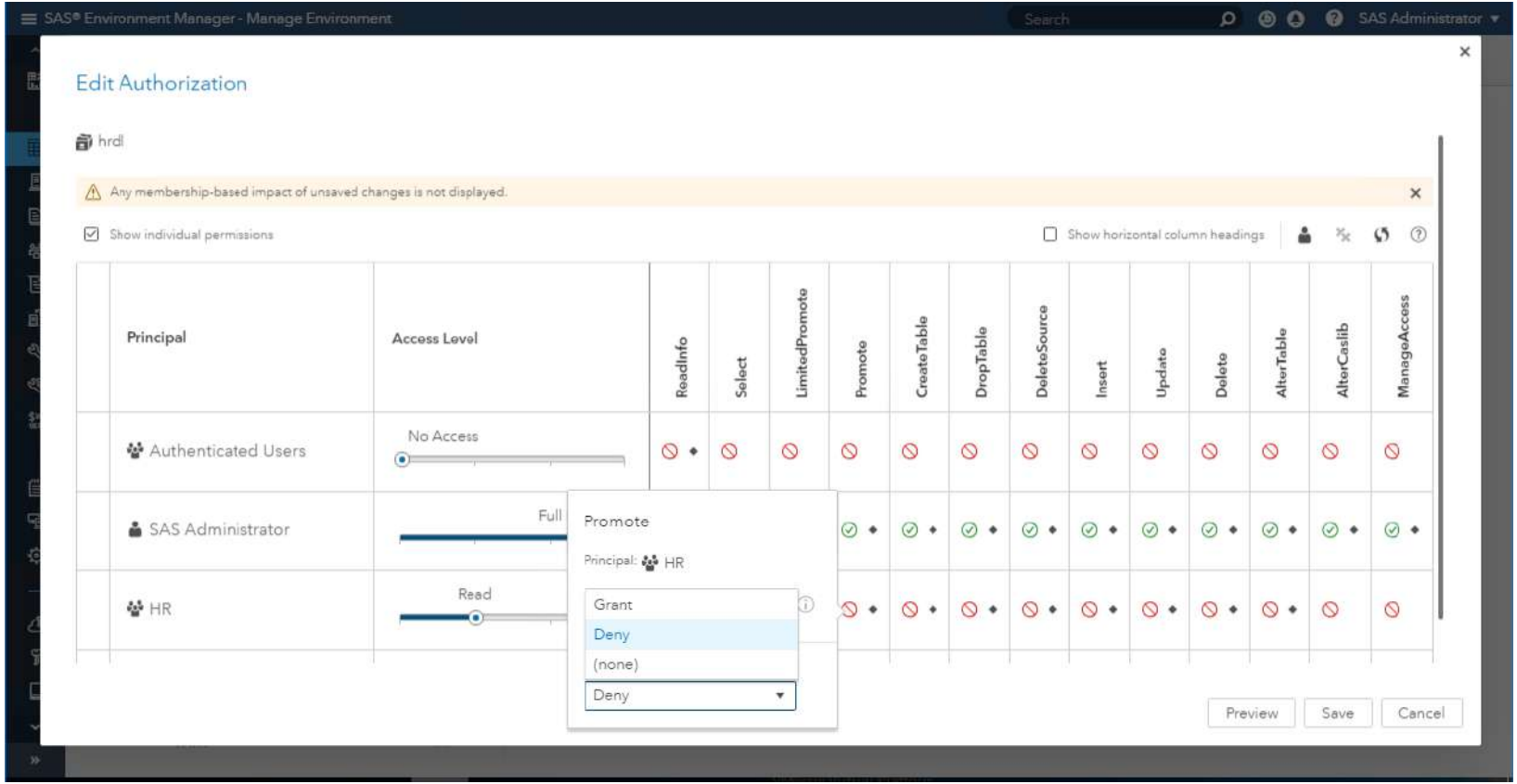
Grant User/Group Data Access Privilege



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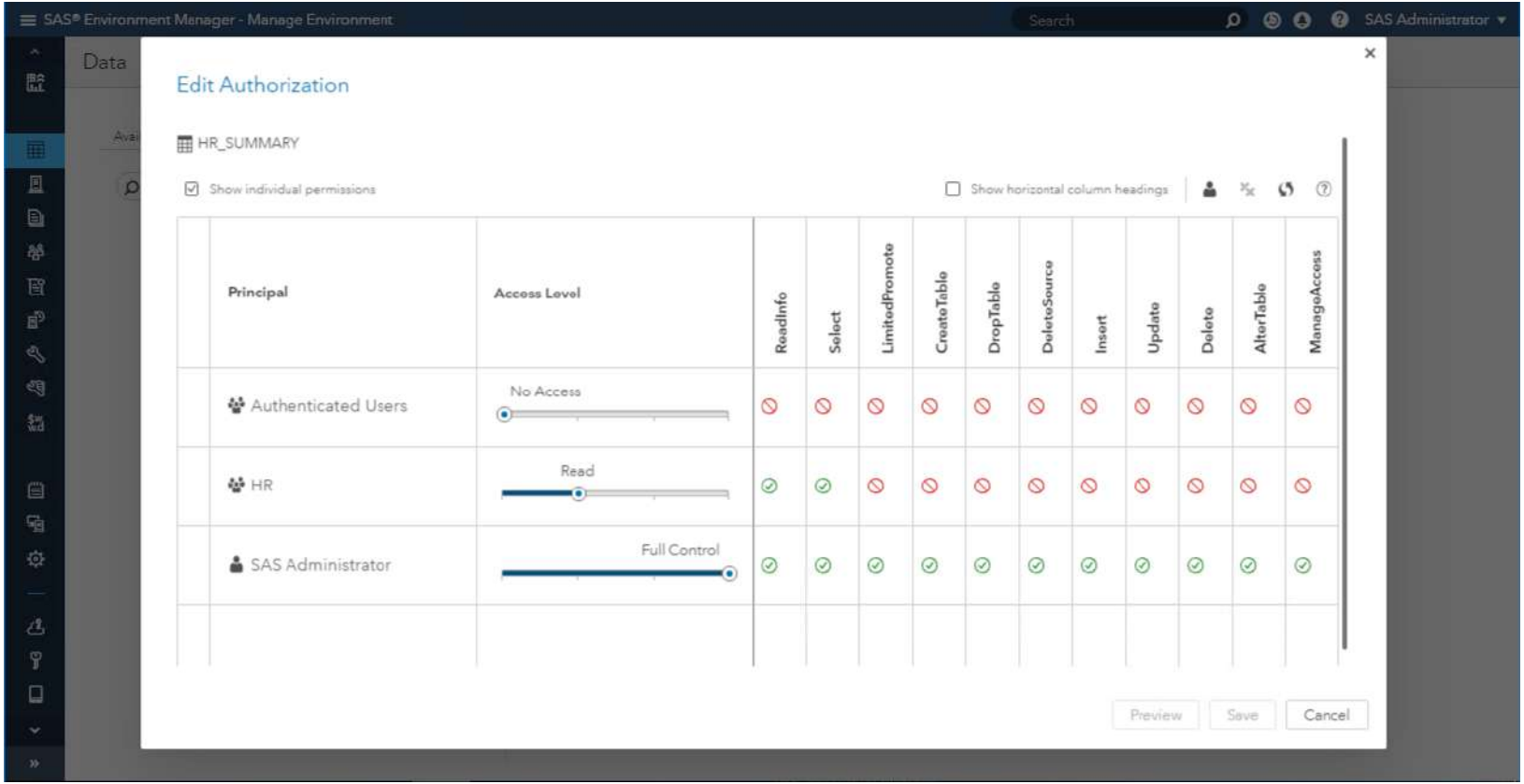

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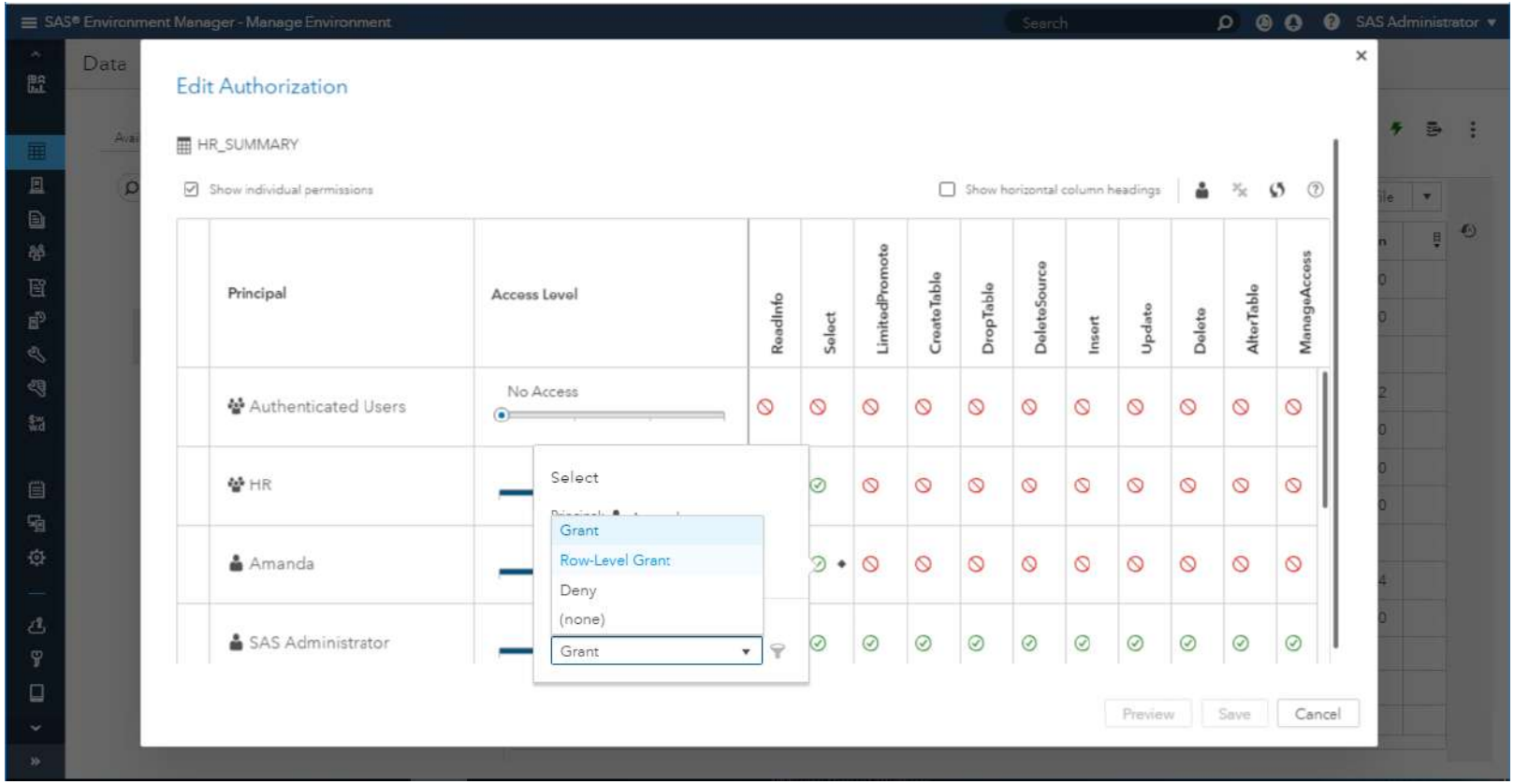
Row Level Access Control



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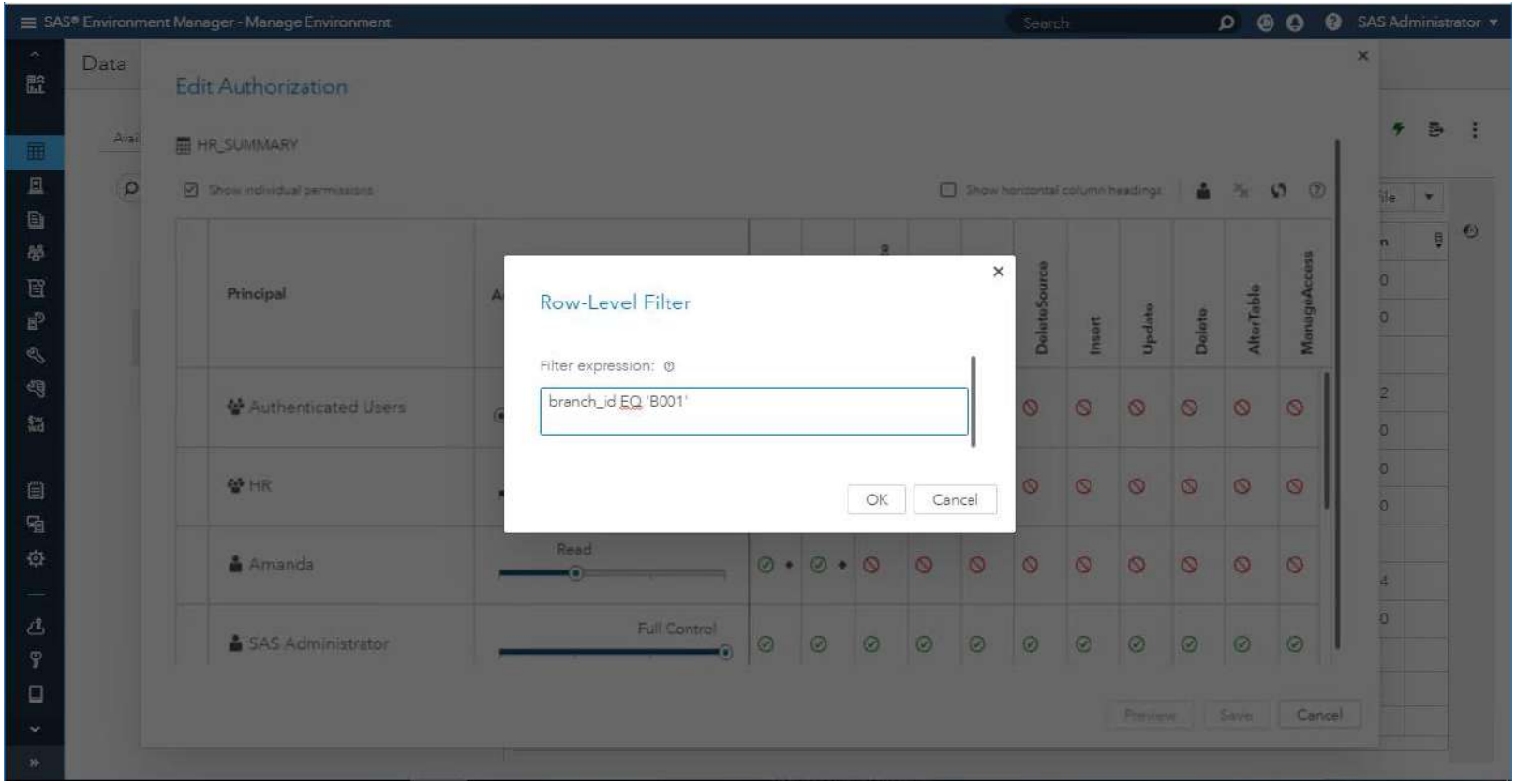
Filter Condition for Row-Level Security



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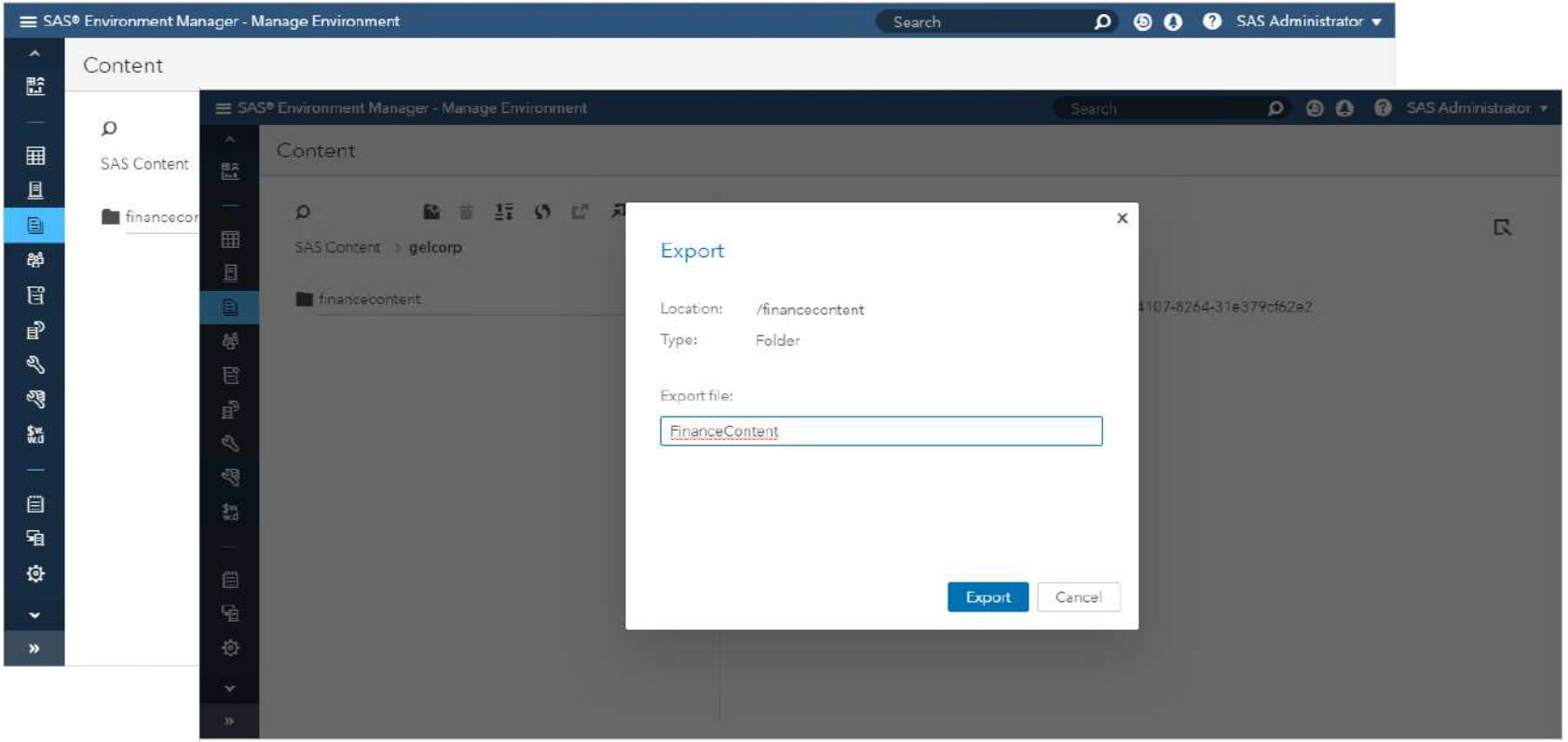
Export Viya Contents



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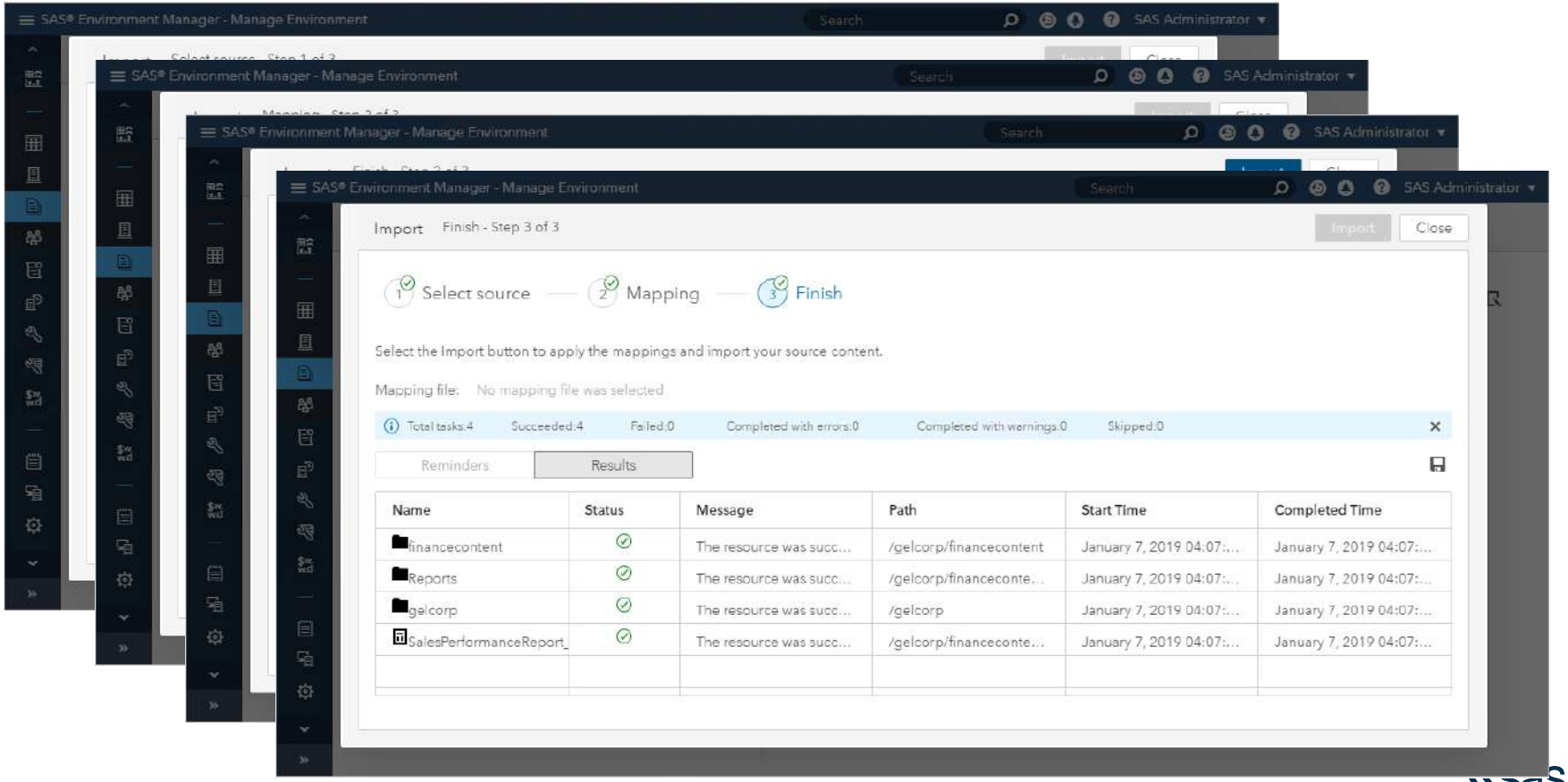
Import Package File



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Migrating from SAS® 9 VA to SAS® Viya® VA

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Supported Resources from SAS 9.4

For Visual Analytics the following resources participate in migration:

- **Configuration**
  - identities
  - authorization
  - data definitions
- **Content**
  - folders
  - reports
  - explorations
  - stored processes*
  - supporting resources (themes, images, graphs templates)

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Quick Walkthrough SAS VA Migration

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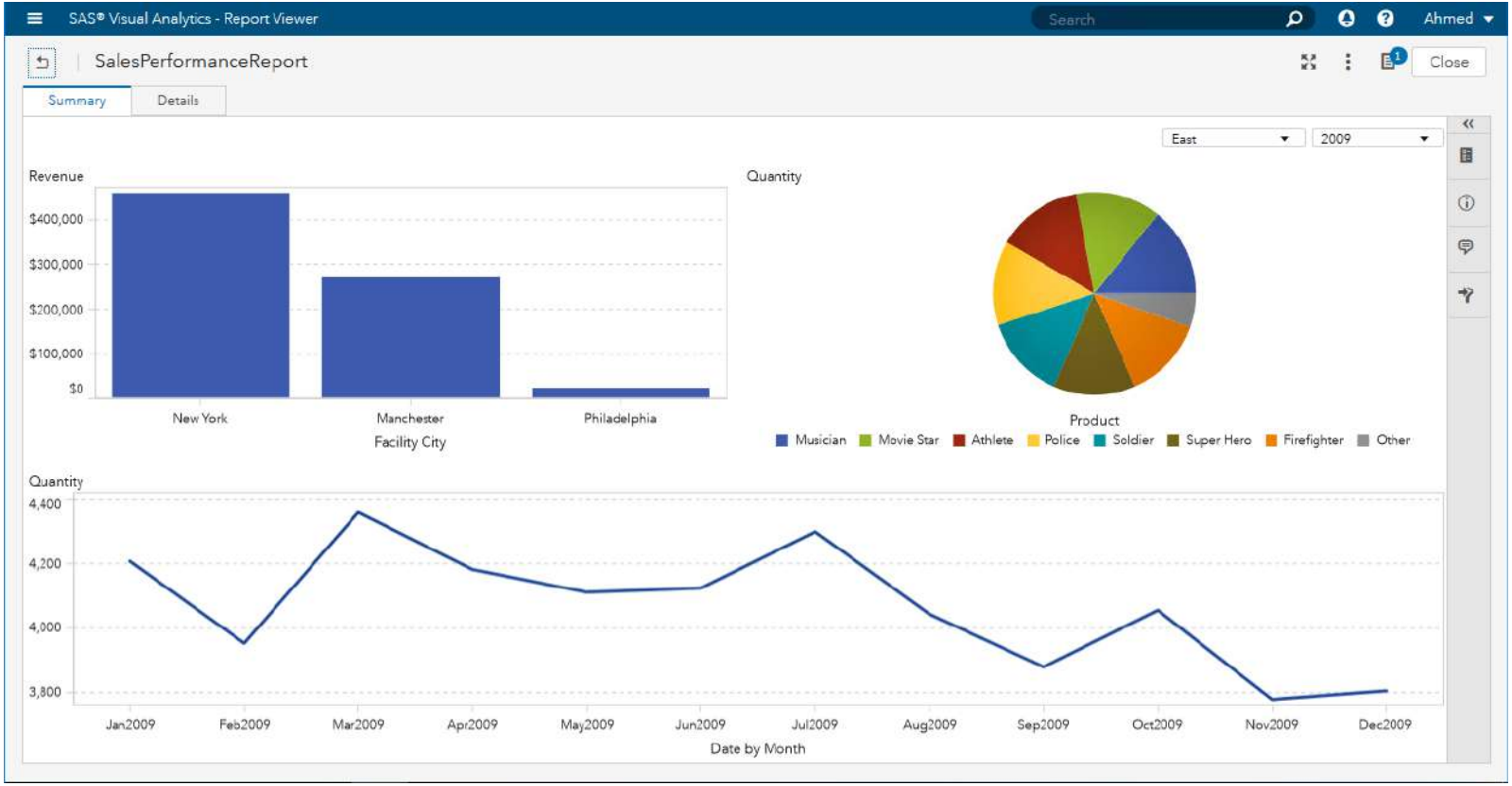
SAS VA 7.4 Report



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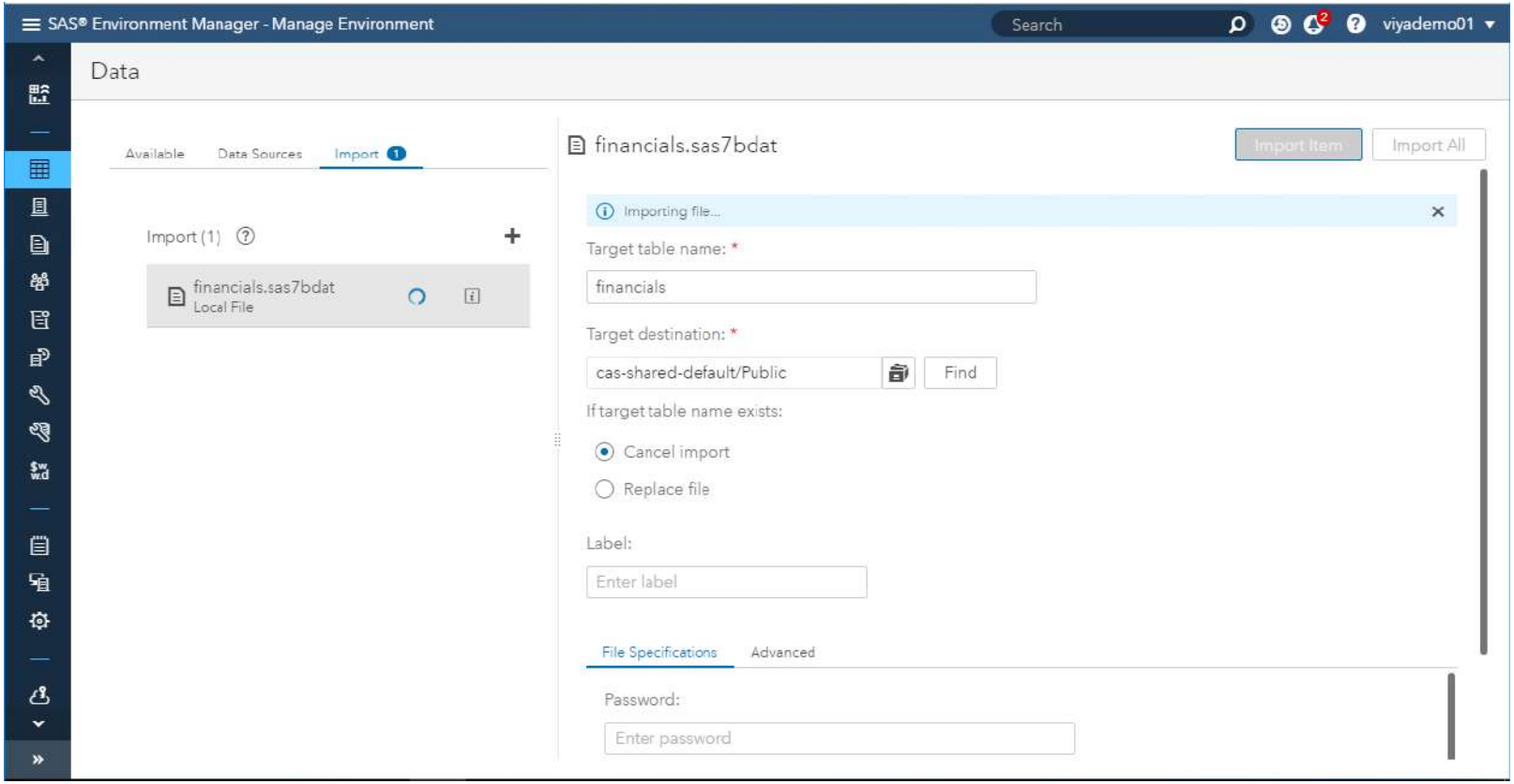
Load Data into CAS Library



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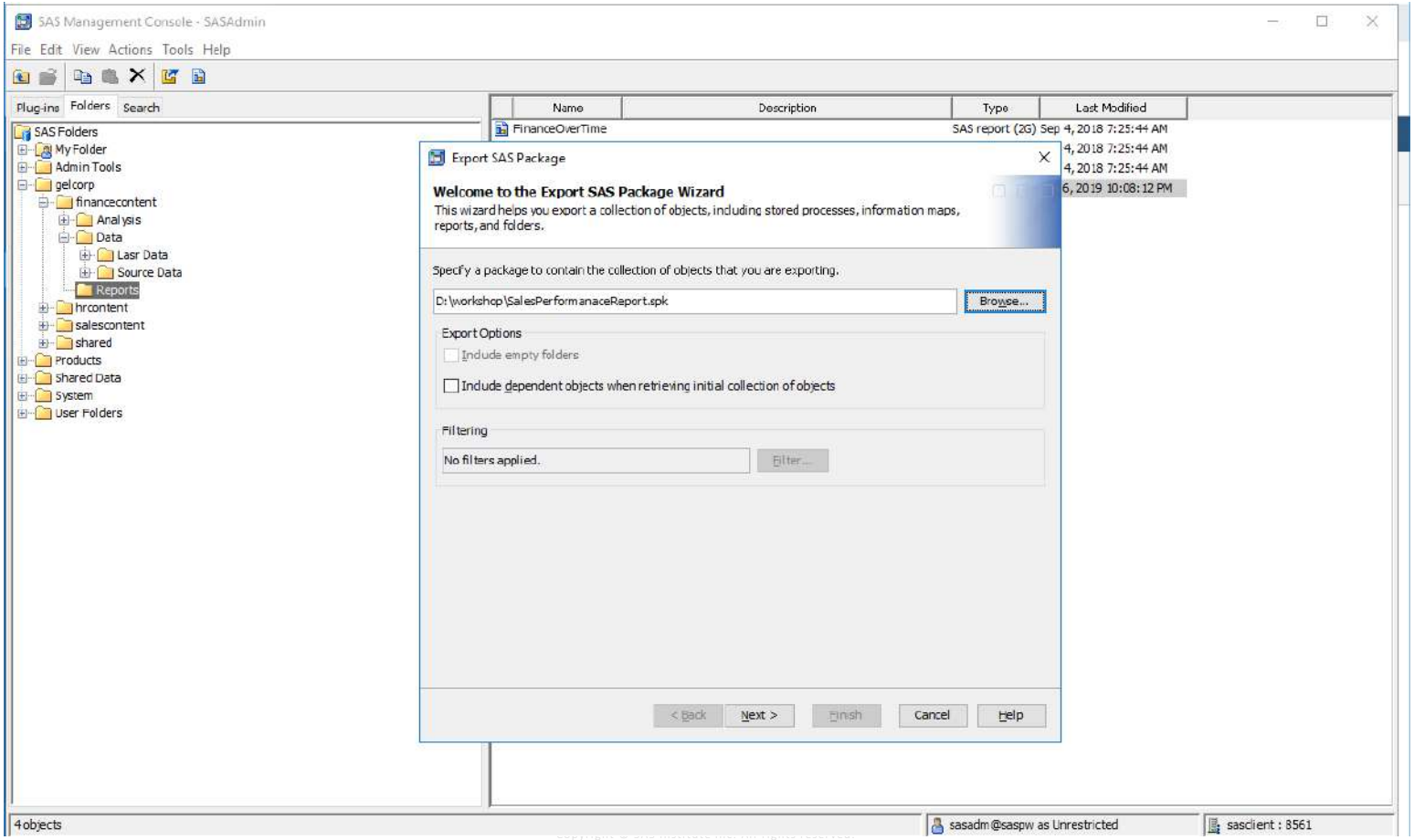
Export SPK from SAS 9.4 Environment



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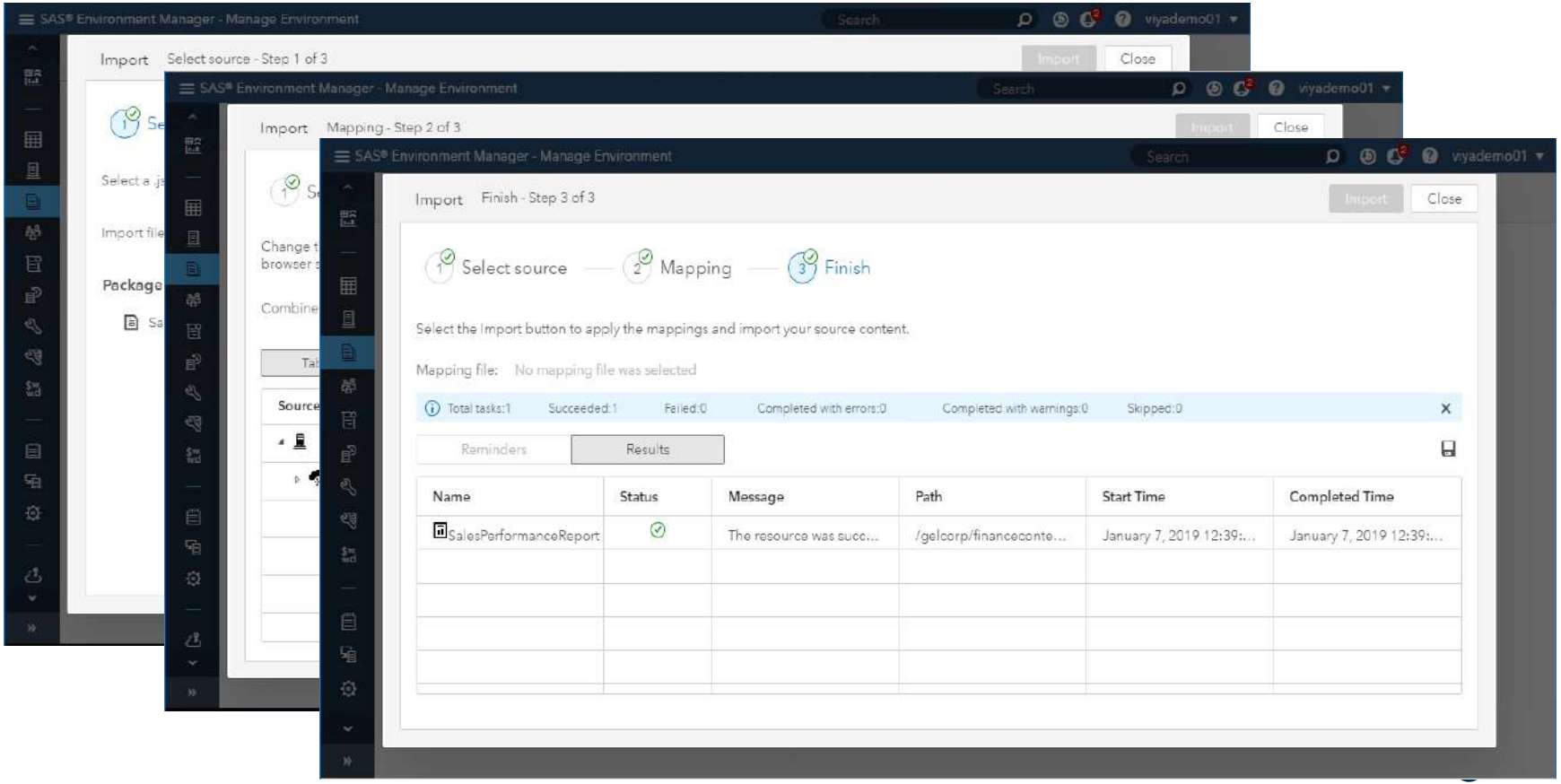
Import Report into SAS Viya Environment



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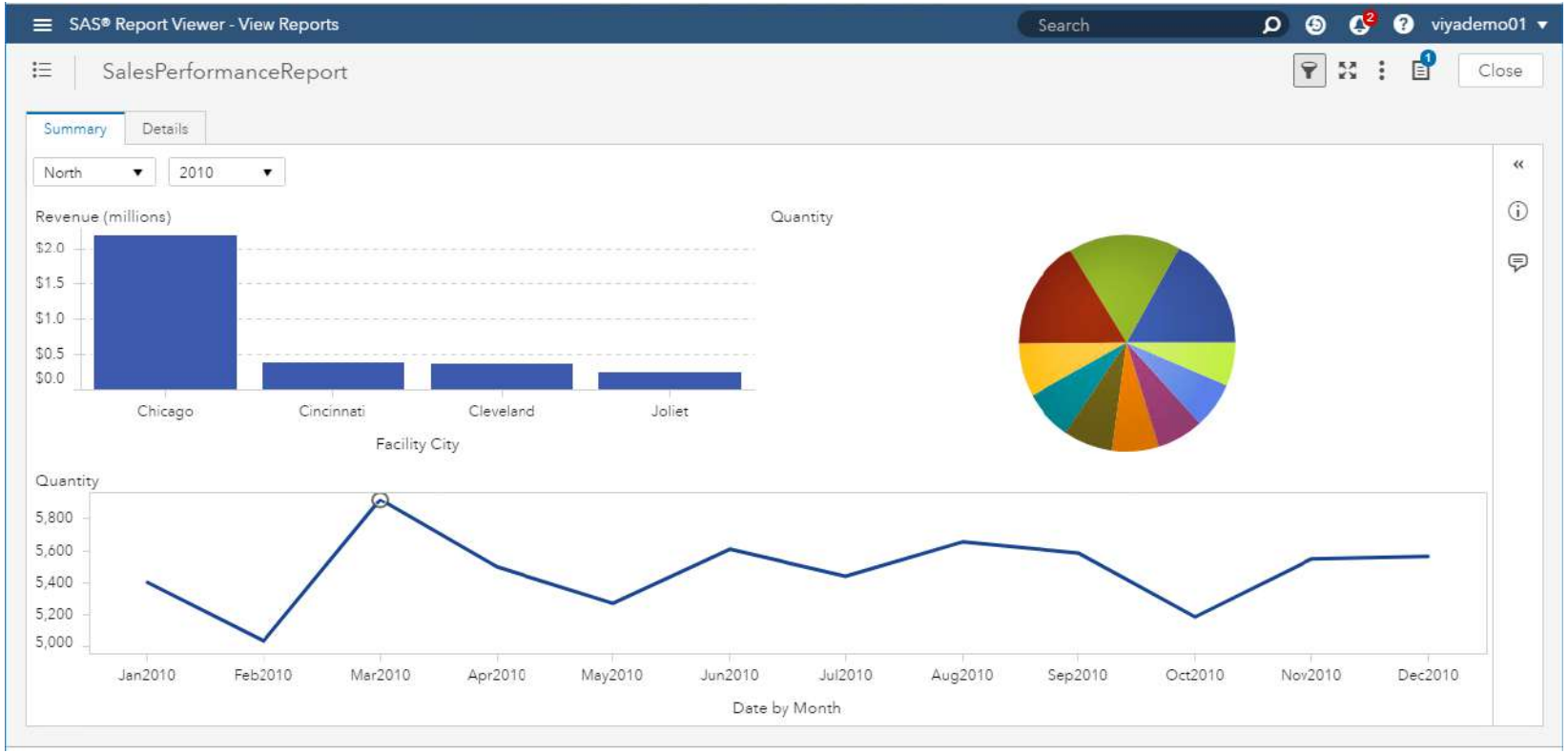
SAS VA Report in Viya Platform



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Summary

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9.4 to Viya Steps

1. Configure Identity Management in Viya
2. Ensure that required data is available in CAS or LASR data and path based data is accessible to the Viya
3. Export packages from 9.4
4. Import packages to Viya
    I. Create identity mapping (cli)
    II. Identities
    III. Libraries and Servers
    IV. Data
    V. Reports and Explorations

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Promotion Considerations

- You **must be an administrator** to export and import content in VA 7.x to Viya
- Content from **VA 7.x will need to be secured with Viya rules** if authorization is not included in the export
- If authorization is included in the export **the security model should be thoroughly tested** in the target environment
- Must **validate** every report to identify issues (import does not identify problematic reports)
- Import is **all or nothing** from the transfer package
- **Cannot specify a new location** for imported objects
- Importing VA 8.x content **merges authorization rules** from source

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Additional Information

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Links

- Free Trials
  - https://www.sas.com/en_my/trials/software/visual-analytics/ep-form.html
  - https://www.sas.com/en_my/trials/software/data-mining-machine-learning/ep-form.html
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  - https://video.sas.com/category/videos/sas-viya_

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  - https://github.com/sassoftware

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