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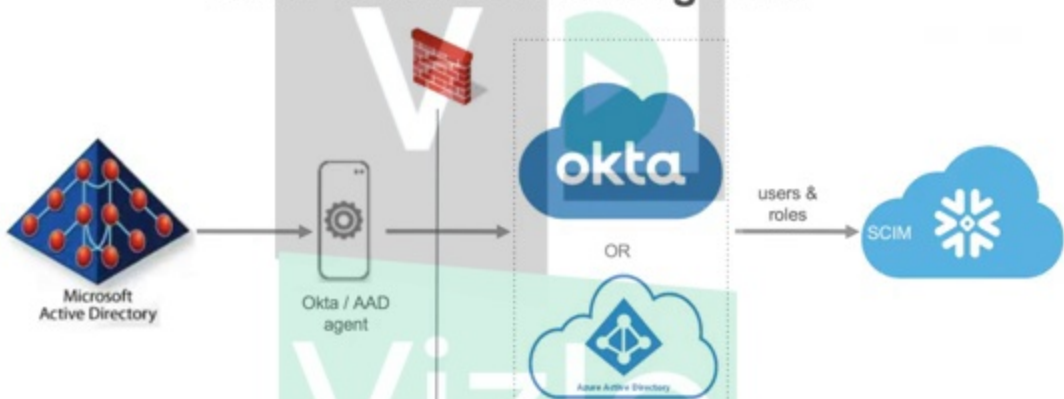- Include Spoken *Transcripts*
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# SCIM User Provisioning Flow

Worksheet - SSO

snowflake

Databases | Shares | Warehouses | Worksheets | History | Account

Partner Connect | Help | Notifications

JOHN
ACCOUNTADMIN

| Data Sharing | Time Travel | Reset | Ready | SSO | SCIM |

Find database objects

Starting up...

- CITIBIKE
  - INFORMATION_SCHEMA
  - PUBLIC
    - Tables
      - PROGRAMS
      - SECURITY
      - STATIONS
      - TRIPS
      - WEATHER
    - Views
      - TABLEAU_QUERY_HISTORY
      - TRIPS_VW
      - TRIPS_WEATHER_VW
- CITIBIKE_BIG_V2
- CITIBIKE_RESET_V2

Run | All Queries

Context: DBA_CITIBIKE | Select Warehouse | Select Database | Select Schema

```
use role accountadmin;
alter account set saml_identity_provider = '{
"certificate": "<Paste the content of downloaded certificate from Azure portal>",
"ssoUrl":"https://login.microsoftonline.com/f3d032b1-5491-4ada-a2de-4c0952c239e4/saml2",
"type":"custom",
"label":"AzureAD"
}';
alter account set sso_login_page = TRUE;

/*
-- URL's
https://eu_demo31.ap-southeast-2.snowflakecomputing.com/
https://eu_demo31.ap-southeast-2.snowflakecomputing.com/fed/login
*/
```

Results | Data Preview

Open History

Query results will appear here.

Worksheet – SCM (1/1) in 60ms - Done  |  Snowflake – Provisioning – Microsoft Azure

portal.azure.com

Microsoft Azure

Search resources, services, and docs (G+/)

regan_murphy@hotmail...
SNOWFLAKE NOVEMBER TEST

Home > Snowflake November Test > Enterprise applications - All applications > Snowflake - Provisioning

Snowflake - Provisioning
Enterprise Application

- Overview
- Deployment Plan
- Diagnose and solve problems

**Manage**
- Properties
- Owners
- Users and groups
- Single sign-on
- Provisioning
- Self-service

**Security**
- Conditional Access
- Permissions
- Token encryption (Preview)

**Activity**
- Sign-ins
- Usage & insights (Preview)
- Audit logs
- Provisioning logs (Preview)
- Access reviews

**Troubleshooting + Support**
- Virtual assistant (Preview)
- New support request

Save    Discard

Test Connection

Notification Email ⓘ

☐ Send an email notification when a failure occurs

⌄ Mappings

Mappings

Mappings allow you to define how data should flow between Azure Active Directory and Snowflake

| Name | Enabled |
| --- | --- |
| Synchronize Azure Active Directory Groups to Snowflake | Yes |
| Synchronize Azure Active Directory Users to Snowflake | Yes |

☐ Restore default mappings

Settings

Start and stop provisioning to Snowflake, and view provisioning status.

Provisioning Status ⓘ    On [ Off ]

**Current Status**          **Statistics to date**

pm.aar24.com is sharing your screen.  Stop sharing  Hide

Vizle

snowflake

Databases   Shares   Warehouses   Worksheets   History   Account

Further Connect   Help   Notifications

JOHN
ACCOUNTADMIN

Account

Last refreshed - 4:29:00 PM

Billing & Usage | Users | Roles | Policies

Creat... | Edit... | Dro...

| Role ▲ | Creation Time | Owner |
|---|---|---|
| AAD_PROVISIONER | 4:19:24 PM | ACCOU |
| ACCOUNTADMIN | 7/6/19 4:52:09 AM | ACCOU |
| ANALYST_CITIBIKE | 2:32:12 PM | ACCOU |
| DBA_CITIBIKE | 2:32:12 PM | ACCOU |
| PUBLIC | 7/6/19 4:52:09 AM | ACCOU |
| SALESANALYSTS | 4:23:39 PM | AAD_PR |
| SECURITYADMIN | 7/6/19 4:52:09 AM | ACCOU |
| SNOWFLAKEADMINISTRATORS | 4:23:38 PM | AAD_PR |
| SYSADMIN | 7/6/19 4:52:09 AM | ACCOU |

**Editing the role ANALYST_CITIBIKE**

Role ANALYST_CITIBIKE is granted to the following users

JANE (JANE)                                              ×

Type a user name to grant this role

Role ANALYST_CITIBIKE is granted to the following roles

ACCOUNTADM...  ×    SYSADM...  ×

Type a role name to grant this role

AAD_PROVISIONER

DBA_CITIBIKE

SALESANALYSTS

SECURITYADMIN

SNOWFLAKEADMINISTRATORS

SYSADMIN

...KE is granted to the following users

...KE is granted to the following roles

SYSADMIN

prn.on24.com is sharing your screen.   Stop sharing   Hide

# Things To Remember

- Since **token expires in 6 months**, ask customers to setup a calendar reminder to generate a new token by running the system function, and update it in the SCIM client.

  ```
  select system$generate_scim_access_token('<role_name>');
  ```

- Role management through Azure AD groups requires at least Azure AD P1 plan.

- This feature is independent of where Snowflake is deployed. So, Snowflake on AWS can leverage this integration as well.