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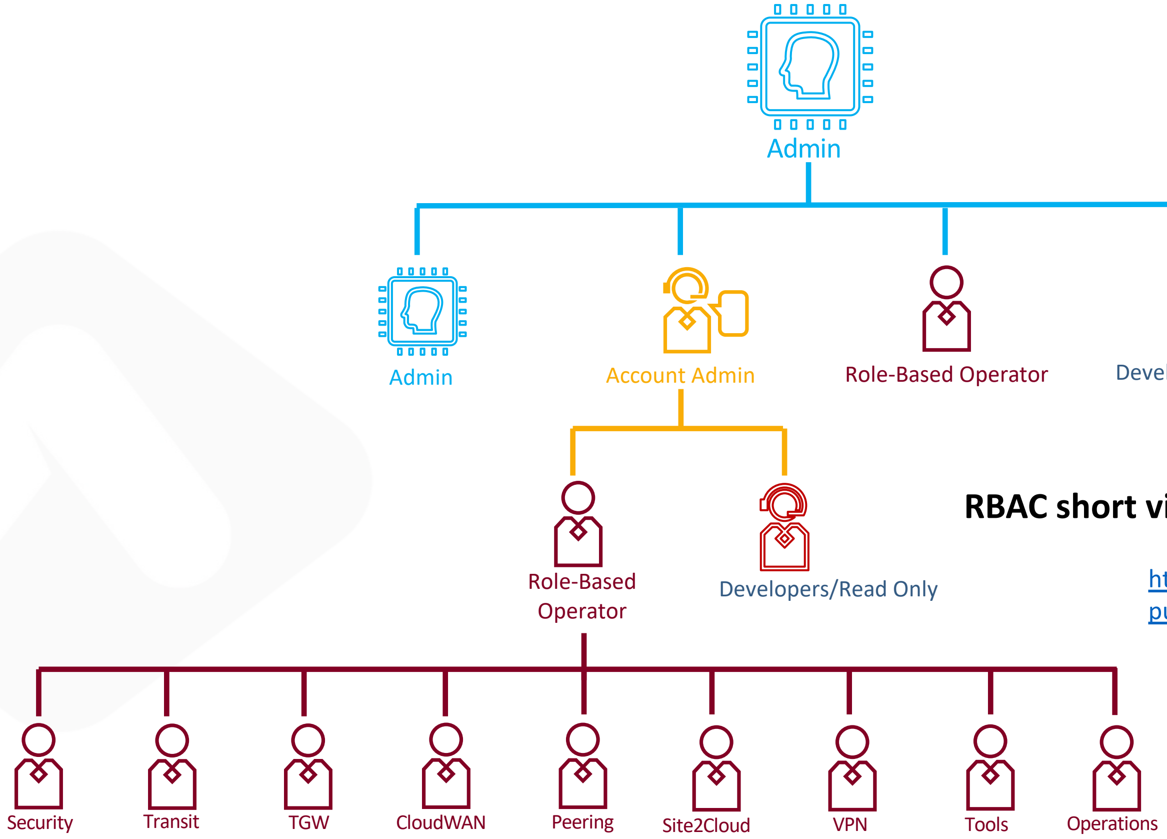
Role-Based Access Control (RBAC)

Solutions Engineering

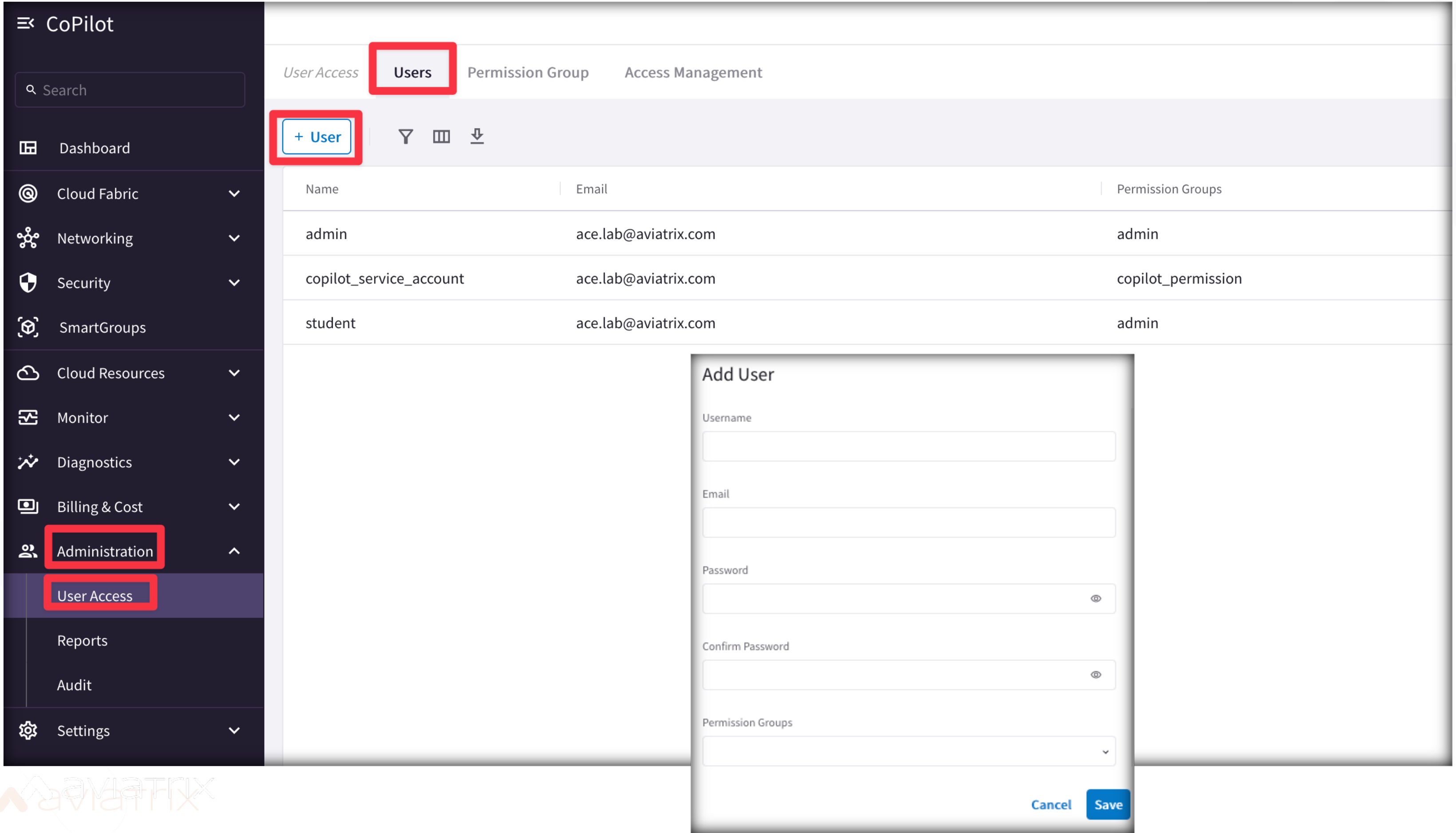
RBAC: Role-Based Access Control



RBAC short video for better understanding

https://community.aviatrix.com/t/x2hykxj/rbac-for-public-cloud-networking-and-security-aws-azure-gcp-oci

User Access- CoPilot



Name	Email	Permission Groups
admin	ace.lab@aviatrix.com	admin
copilot_service_account	ace.lab@aviatrix.com	copilot_permission
student	ace.lab@aviatrix.com	admin

Add User

Username

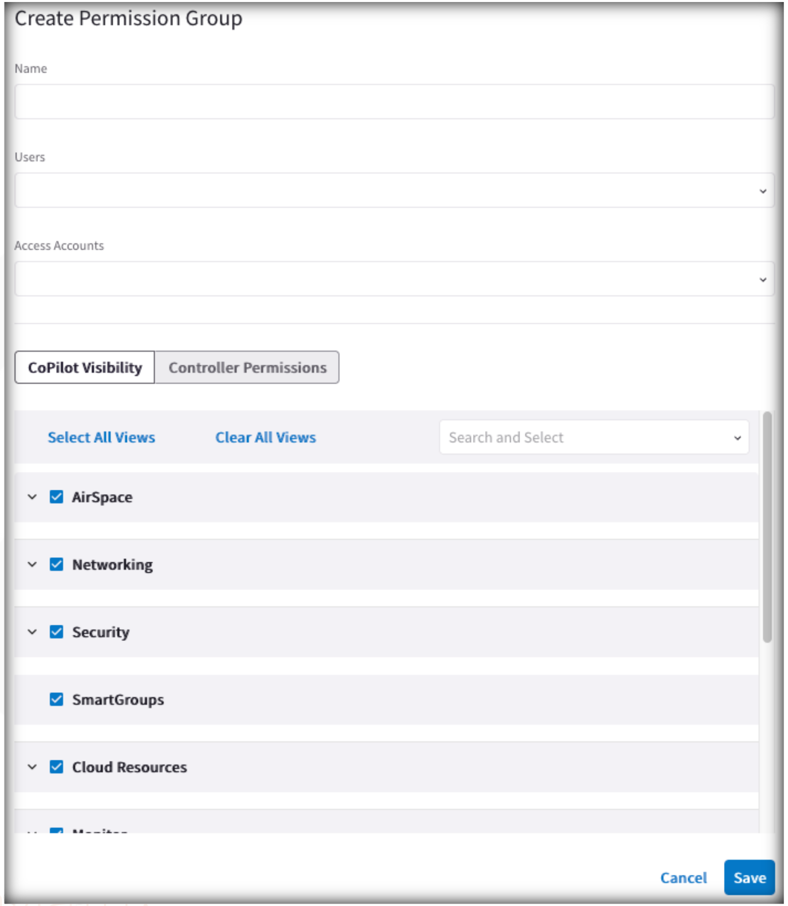
Email

Password

Confirm Password

Permission Groups

Permission Sets – CoPilot/Controller



Create Permission Group

Name

Users

Access Accounts

☑ AirSpace

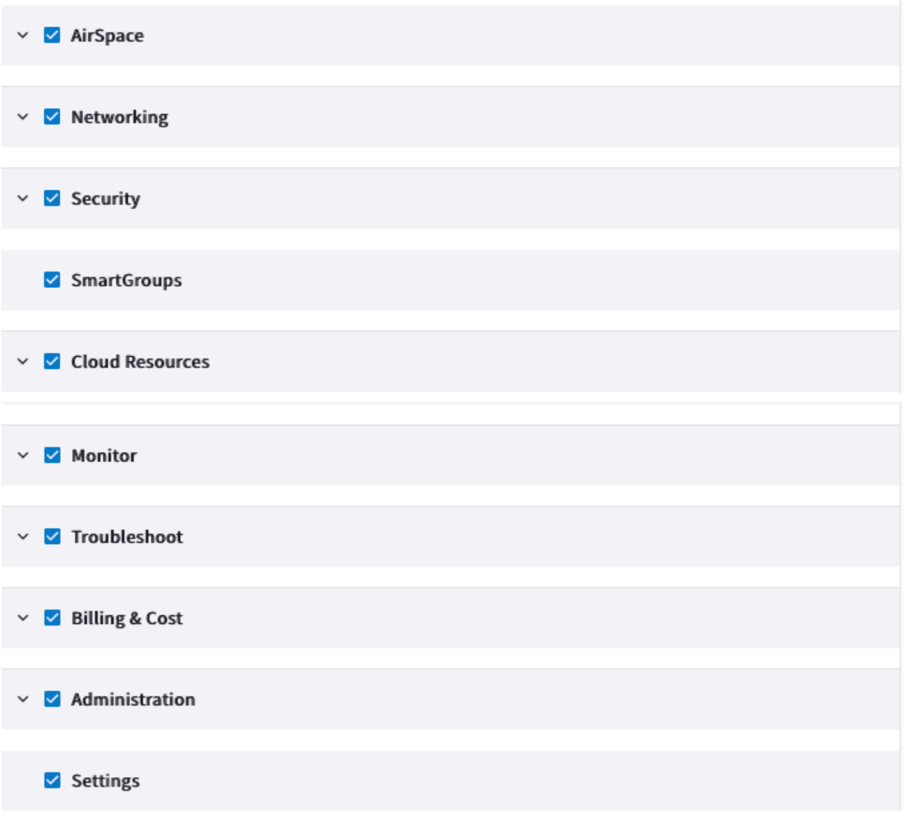
☑ Networking

☑ Security

☑ SmartGroups

☑ Cloud Resources

☑ Monitor



☑ AirSpace

☑ Networking

☑ Security

☑ SmartGroups

☑ Cloud Resources

☑ Monitor

☑ Troubleshoot

☑ Billing & Cost

☑ Administration

☑ Settings

Authentication Phase

- Users can be authenticated:
  - **Locally** on the Aviatrix Controller
    - Onboard Users (Admin, Operators, Developers, Read-Only)
    - Allowed to reset their password
  - Using **SAML IDP**
    - Onboard Users (Admin, Operators, Developers, Read-Only)
    - Other functionality depends on IDP

AWS SSO

RBAC Example – Okta

RBAC User : saad-developer@aviatrix.con

RBAC User : saad@aviatrix.com

RBAC User : saad_A-B@aviatrix.com

RBAC User : saad-security@aviatrix.com

read_only

Super-Users

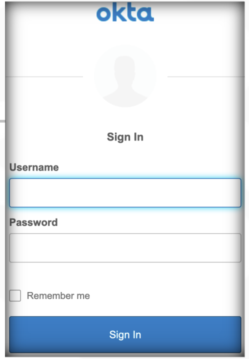
Account-Admin

Account Admins (A&B)

Account Admins (C&D)

Security-Users

RBAC-User	Permissions
saad-developer	Read Only
saad	Super User (Admin)
saad_A-B	Account Admin for Accounts A&B Only
saad-security	Security User



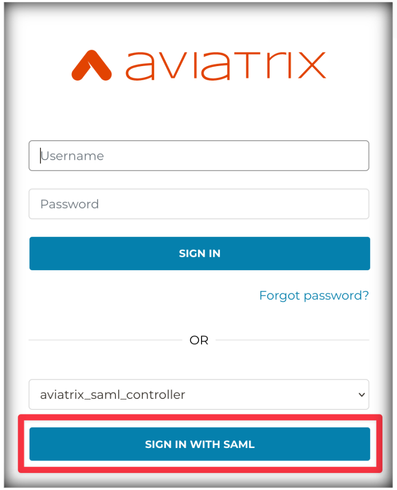
okta

Sign In

Username

Password

□ Remember me



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Username

Password

aviatrix_saml_controller

Admin/Super-Users
Saad

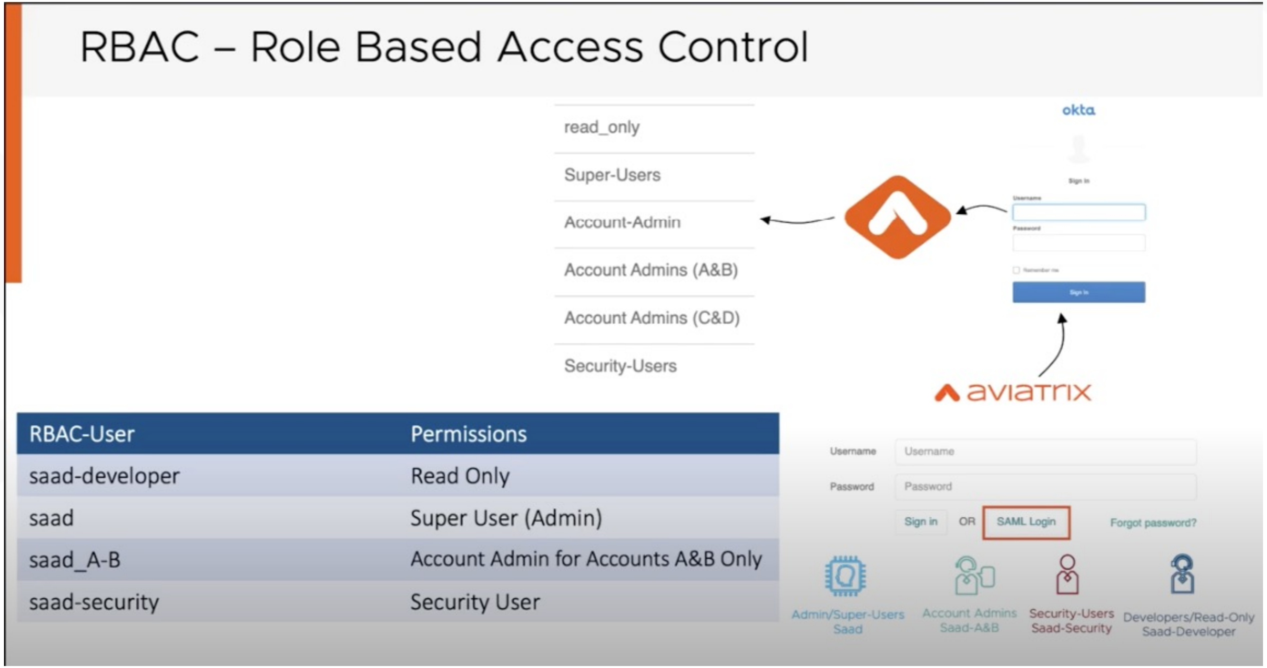
Account Admins
Saad-A&B

Security-Users
Saad-Security

Developers/Read Only
Saad-Developer

Integration with OKTA – Step-by-Step Guide

https://community.aviatrix.com/t/h7hyrmm/rbac-for-aws-azure-gcp-oci-step-by-step-integration-with-okta



RBAC – Role Based Access Control

- read_only
- Super-Users
- Account-Admin
- Account Admins (A&B)
- Account Admins (C&D)
- Security-Users

RBAC-User	Permissions
saad-developer	Read Only
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Next: Lab 4 - RBAC