

Sprint 2 Review: Initial Configurations for Identity and Access Management

- ✓ Sprint Status - **Complete**
- ✓ Project Status - 28% Complete
- ✓ Items Completed - 7 Tasks
- ✓ Sprints Left for Completion - 5
- ✓ Project on Budget - **Yes**

Things to Demo	Quick Updates	What is Next
Task 1 Complete Configure Microsoft Entra ID multi-factor authentication (MFA) and Conditional Access policies	The project team cannot directly verify MFA setup for all users due to its personalized nature.	Sprint 3 Implement network security configurations.
Task 2 Complete Set up role-based access control (RBAC) for resources groups	This limitation is mitigated by comprehensive documentation and support provided to end-users for self-enrollment.	
Task 3 Complete Implement Privileged Identity Management (PIM)		

Sprint 2 - Task 1 Captures

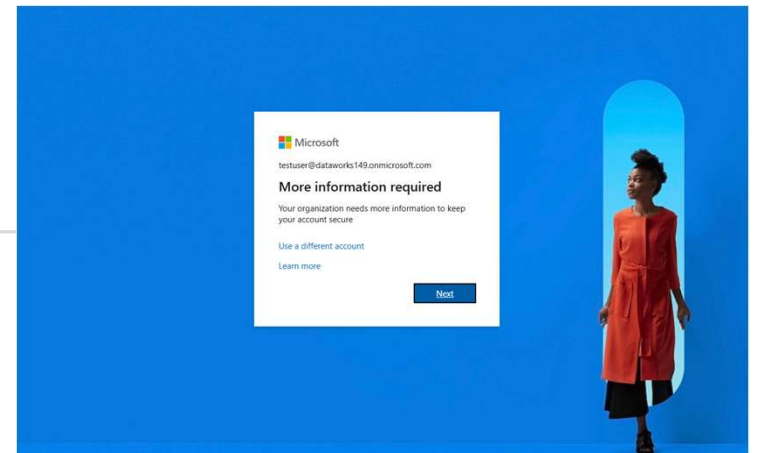
Configure Microsoft Entra ID for multifactor authentication and Conditional Access Policies

Documentation: <https://learn.microsoft.com/en-us/training/modules/manage-authentication-microsoft-entra-id/9-configure-microsoft-entra-multifactor-authentication-settings>

DataWorks
MFA Policy
Screenshot

The screenshot shows the 'MFA DataWorks' Conditional Access policy configuration page. At the top, there are links for 'Delete' and 'View policy information'. Below this is a description: 'Control access based on Conditional Access policy to bring signals together, to make decisions, and enforce organizational policies. Learn more >'. The configuration sections include: 'Name' (MFA DataWorks), 'Assignments' (Users: Specific users included and specific users excluded; Target resources: 14 resources included; Network: NEW, Not configured), 'Conditions' (0 conditions selected), 'Access controls' (Grant: 1 control selected; Session: 0 controls selected), and 'Enable policy' (Report-only: On, Off). A 'Save' button is at the bottom.

User should expect to a prompt like the one captured here to register their MFA device



Sprint 2 - Task 2 Captures

Set up role-based access control (RBAC) for resource groups

Documentation: <https://learn.microsoft.com/en-us/training/modules/manage-authorization-microsoft-entra-id/6-assign-azure-role-permissions>







DataWorks DB
Admin is assigned
to RBAC role –
Azure Hybrid
Database
Administrator

new assignment

Search by name or email

Type: All Role: All Scope: All scopes State: All End time: All Group by: Role

All (3) Job function roles (1) Privileged administrator roles (2)

<input type="checkbox"/>	Name ↑↓	Type ↑↓	Role ↑↓	Scope ↑↓	State ↑↓	Condition ↑↓
▼	Owner (2)					
<input type="checkbox"/>	 Daniel Rodriguez 80561c41-0de3-4bee-ac...	User	Owner	 Subscription (Inherited)	Active permanent	None
<input type="checkbox"/>	 Daniel Rodriguez 80561c41-0de3-4bee-ac...	User	Owner	 Subscription (Inherited)	Active permanent	None
▼	Azure Hybrid Database Administrator - Read Only Service Role (1)					
<input type="checkbox"/>	 Test_DB_Admin 1c8334de-807d-4d07-9a...	User	Azure Hybrid Database Adminis...	 This resource	Eligible time-bound	None

Showing 1 - 3 of 3 results.

Sprint 2 - Task 3 Captures

Implement Privileged Identity Management

Documentation: <https://learn.microsoft.com/en-us/training/modules/manage-authorization-microsoft-entra-id/14-microsoft-entra-privileged-identity-management>

Assignment to PIM roles is tracked via logs

Time	Requestor	Action	Resource name	Scope	Primary target	Subject	Status
11/16/2024, 10:06:49 AM	Daniel Rodriguez	Add eligible member to role in PIM completed (permanent)	DataWorks	DataWorks	Identity Governance Administrator	IAM Admin	✓
11/16/2024, 10:06:49 AM	Daniel Rodriguez	Remove eligible member from role in PIM completed (permanent)	DataWorks	DataWorks	Identity Governance Administrator	IAM Admin	✓
11/16/2024, 10:06:49 AM	Daniel Rodriguez	Process role update request	DataWorks	DataWorks	Identity Governance Administrator	IAM Admin	✓
11/16/2024, 10:06:33 AM	Daniel Rodriguez	Add eligible member to role in PIM completed (permanent)	DataWorks	DataWorks	Identity Governance Administrator	IAM Admin	✓
11/16/2024, 10:06:32 AM	Daniel Rodriguez	Remove eligible member from role in PIM completed (permanent)	DataWorks	DataWorks	Identity Governance Administrator	IAM Admin	✓
11/16/2024, 10:06:32 AM	Daniel Rodriguez	Process role update request	DataWorks	DataWorks	Identity Governance Administrator	IAM Admin	✓
11/16/2024, 10:02:53 AM	Daniel Rodriguez	Add eligible member to role in PIM completed (permanent)	DataWorks	DataWorks	Identity Governance Administrator	IAM Admin	✓
11/16/2024, 10:02:52 AM	Daniel Rodriguez	Add eligible member to role in PIM requested (permanent)	DataWorks	DataWorks	Identity Governance Administrator	IAM Admin	✓

Activate - Identity Governance Administrator ✕

Privileged Identity Management | Microsoft Entra roles

Roles **Activate** Status

☐ Custom activation start time

Duration (hours) 0

Reason (max 500 characters) *

Daily Duties and Responsibilities at DataWorks

IAM Admin activates identity Governance Administrator PIM Role

The Request to activate the PIM role is tracked via resource logs

Time	Requestor	Action	Resource name	Scope	Primary target	Subject	Status
11/16/2024, 10:12:47 AM	IAM Admin	Add member to role completed (PIM activation)	DataWorks	DataWorks	Identity Governance Administrator	IAM Admin	✓
11/16/2024, 10:12:46 AM	IAM Admin	Add member to role requested (PIM activation)	DataWorks	DataWorks	Identity Governance Administrator	IAM Admin	✓
11/16/2024, 10:06:49 AM	Daniel Rodriguez	Add eligible member to role in PIM completed (permanent)	DataWorks	DataWorks	Identity Governance Administrator	IAM Admin	✓