


AZURE AD

- Azure AD is cloud-based Identity Management service
- When you signup for Azure Account and login

A default Azure AD is created and the subscription is associated with that AD

- The domain of that default Azure AD is
something.onmicrosoft.com

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- Every Azure subscription has a trust relationship with an Azure AD
 - This means that Subscription trusts that Azure AD to authenticate users
 - Multiple subscriptions can trust the same Azure AD
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"Who ", "Where" and "What" is the basic query when giving access

"Who need access"

- They are the user/group in Azure AD

"Where they need access"

- Access can be given at management group, subscription, resource group, or resource

"What they can do"

- Permission defined in RBAC

RBAC(Role Base Access Control)

Over 70 built-in roles

- Owner → Full access to resources, can grant access to other users
- Contributor → Full access to resources, cannot grant access to other users
- Reader → View Only Access to resources

<https://docs.microsoft.com/en-us/azure/role-based-access-control/built-in-roles>

RBAC ROLES

<https://docs.microsoft.com/en-us/azure/role-based-access-control/built-in-roles>

Azure AD administrator roles

- Azure AD role are meant to manage Azure AD task like Create user add user in group, reset password etc.

Type of Roles:-

Global Admin:- Posses full Access of Azure AD

Account admin is by default global Admin

When a user is created in Azure AD, by default it is not given any Azure AD Admin Role

AZURE AD ROLES

<https://learn.microsoft.com/en-us/azure/active-directory/roles/permissions-reference>

Diff between Azure RBAC Roles and Azure AD Roles

- Azure RBAC roles is to manage access to Azure Resources
- Azure AD admin roles is to manage access to Azure AD

AD EDITIONS

- Free & Premium
- Free edition is included in every Azure account
- For Premium the Pricing is per user/month

Azure AD Provide Benefits

- User and Group Management
- Multi-Factor-Authentication(MFA)
- Single Sign On(Azure AD Connect)

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