Manage Identity and Access in Azure Active Directory

Azure Active Directory is Microsoft's cloud-based identity and access management service. Every user who needs access to Azure resources needs an Azure user account. The person who sign up for Azure account is Global Administrator of that Account.

In this Lab we,

- Create User
- Create Bulk User
- \circ Assign Roles
- Create Guest User

Create user.

Select AAD tenant/organization, and select users from the left tab

Home > cloudsolutiontalks Azure Active Directory	Overview	
«	+ Add 🗸 🙆 Manage tenants 🚺 What's new 🛛 🗟 Preview features	${\nearrow}$ Got feedback? \checkmark
0 Overview		
Preview features	① Azure Active Directory is becoming Microsoft Entra ID. Learn more ☑	
X Diagnose and solve problems	Overview Monitoring Properties Recommendations Tutorials	
Manage	P Search your tenant	
🛓 Users	Basic information	
A Groups	busic internation.	
External Identities	Name doudsolutiontalks	Users 2

Click Add & Select New User, you have 2 options to select new user or invite user.

Home > cloudsolutiontalks Users > Users >					
Create new user Create a new internal user in your organization					
Basics Properties Assignmer	nts Review + create				
Create a new user in your organization	. This user will have a user name like alice@contoso.com. Learn more 🖸				
Identity					
User principal name	Michael @ hemalatharrbgmail.onmi > Domain not listed 🖸				
Mail nickname *	Michael				
	Derive from user principal name				
Display name*	Michael				
Password *	Auto-generate password				
Account enabled ①					

Note : User Principal Name (UPN) is a username and domain in an email address format. The above username will be created as mike@hemalatharrbgmail.onmicrosoft.com

Leave auto enabled option Checked.

Home > cloudsolutiontalks Users	> Users >
Create new user Create a new internal user in your organiz	zation
Basics Properties Assignmen	nts Review + create
Identity	
First name	Michael
Last name	Adams
User type	Member
Authorization info	+ Edit Certificate user IDs
Job Information	
Job title	Network Architect

Select create review

D A	ure Active Directory is becom	ing Microsoft Entra ID. 12	enesn 🥨 wanage wew 🤟 📗 De	ione La rei la	ter minn Ar Got leeuback
,p	Search	V Add filter			
3 user:	found Display name 1	User principal name ti	Identities	User type	Company name
	Hemalatha kannappan	hemalatha.mb_gmail.com	10 MicrosoftAccount	Member	
	Michael	Michael@hemalatharrbg	D bemalatharrbgmail.onmicrosoft.com	Member	CloudSolutiontalks
1	RA RahulRaj	RahulRaj@hemalatharrbg	D hemalatharrbgmail.onmicrosoft.com	Member	ABC

Note: we can recover deleted user within 30 days' time.

Now one user got created, Lets create bulk user using csv file

Bulk user Creation

Select Azure Active Directory -> Users ->Bulk Operations->Bulk create

Home > cloudsolutiontalks Users >					
O Gwith	+ New year V 1 Deventional lines	N Bulk operations V (1) 1	Bathach 🙉 Manana siasa 🗸 🖉 🕅	late 📑 🖬 Bergel	ar Mita 🖉 Got faadharis?
All users	Azure Active Directory is becoming ()	dicrosoft Entry, IC, II	enen Sunnhenen - 15 re		er mink AC our resulted
Audit logs	P Search	Add filter			
Sign-in logs	3 users found				
X Diagnose and solve problems	Display name †	User principal name $\ensuremath{\mathbb{I}}$	Identities	User type	Company name
Manage	🔲 🛞 Hematatha kannappan	hemalatha.mb_gmail.com	D MicrosoftAccount	Member	
👃 Deleted users	🗌 阙 Michael	Michael@hemalathambg	hemalathanbgmail.or/microsoft.com	Member	CloudSolutiontalks

Click Download button.



After you download the file, enter users' details from row 4. Do not delete any rows/columns.

version:v1.0						
Name [displayName] Required	User name [userPrincipalN	Initial password [passwordF	Block sign in (Yes/No	First name [given	Last name	Job title [jc Departme
Example: Chris Green	chris@contoso.com	myPassword1234	No			
Mike	mike@hemalatharrbgmail.	CloudBlog12345	YES	MIKE	ADAMS	CLOUD ENGINEER
ANNIE	annie@hemalatharrbgmail	CloudBlog12345	YES	ANNIE	JAMES	SOLUTION ARCHITEC
MARIA	maria@hemalatharrbgmai	CloudBlog12345	YES	MARIA	JONARTH	CONSULTANT
SAM	sam@hemalatharrbgmail.c	CloudBlog12345	NO	SAM	JOHNSON	CLOUD ENGINEER
JOHN	john@hemalatharrbgmail.	CloudBlog12345	YES	JOHN	KENNEDY	CLOUD ENGINEER



Click submit and refresh the screen

P Search	ĸ 🕂 New user 🗸 🛓 Download	d users 🜓 Bulk operations 🖂 🜔 Refres	n 💿 Manage view 🖂 🔋 Delete 📋 😂	Per-user MFA
All users	Azure Active Directory is becom	ning Microsoft Entra ID, 18		
Audit logs	🔎 Search	V Add filter		
Sign-in logs	8-users found			
Diagnose and solve problems	Display name 1	User principal name 1	Identities	User type
anage		annie@hemalatharrbgmail.onmicr	D nematathantogmail.onmicrosoft.com	Member
Deleted users	🔲 🗰 Hematatha karviappan		/osoftAccount	Member
Password reset	D JOHN	john@hemalathanbgmail.onmicro	The hemalathantigmail.com/crosoft.com	Member
User settings	MANUA	mena@hemalathanbgmail.onmicr	D tremalathambgmail.onmicrosoft.com	Member
Bulk operation results	Michael	Michael@hemalathambgmail.onmi	D hematathantigmail.com	Member
subleshooting + Support	Mike	mike@hemalathanbgmail.onmicro	D hemalathambgmail.onmcrosoft.com	Member
New support request	RahuRai	RahulRay@hemalathan/bgmail.onm	D hemalathan bgmail on microsoft.com	Member
	SAM	sam@hemalatharrbgmail.onmicros	C hemalathanbgmail.ormicrosoft.com	Member

Now you can see users created from the information provided in the csv file.

Create Group

Select Group from left sidebar and Select New Group.

Provide a name.

Groups All groups desinest-terrates - Acces Actes Desce	4				
	No New group 🛓 Download groups 🖒 Refres	n 💿 Manage wiew 😪 🛛 🚊 Delem 👘 🖉 Got fee	edback?		
a All groups	# 1000000000000000000000000000000000000				
Deleted groups	Of Dynamic group memberships have not been updates	d due to authent delaw. We're working to reactive the same.			
🕺 Diagnose and solve problems	,P Search	Tadd Shee			
Settings	Search roocte 🦲 Conceine				
 Gerenii 	T group found				
Expiration	Name	Object Id	Group type	Membership type	Email
Naming policy		224/2010	10.00	VIIII DOMAN	
Activity	ClustAdminEqu	650086e-8521-4301-b39e-550265b7a1	(39 Security	Ausigned	
Frivileged identity Management					

Select User and Add user to the Group

Home > cloudsolutiontalks Users 3	User	s > Michael				
P Search	8	+ Add memberships	× Remove mem	berships	🖸 Refresh 🛛 💷 Columi	ns 🔗 Got feedback?
L Overview	- 9	Search groups		-	Add filters	
Audit logs		Name	Ť.	Object (d	Group Type
 Sign-in logs Diagnose and solve problems 		Not a member of any gr	oups		74.	Sec. 1
 unagricise and some problems 						

Assign Roles in AAD

Select Roles & Administration .

Home > cloudsolutiontalk: Azure Active Directory	s Overview	
	$^{\circ}$ + Add \sim 🙆	Manage tenants 🕐 What's new 🛛 📅 Preview features 🛛 🖗 Got feedback? 🗸
0 Overview	0	
Preview features	Azure Active	Directory is becoming Microsoft Entra ID. Learn more El
X Diagnose and solve problems	Overview Mo	onitoring Properties Recommendations Tutorials
Manage	Search your	tenant
🚨 Users		
🚨 Groups	Basic information	1
External Identities	Name	cloudsolutiontalks Users 8
Roles and administrators	Tenant ID	e26ef84c-7585-45f7-8fd5-04ebd6c4f12a

Click on the Role.

Home > cloudsolutiontalks Roles and	administrators	
Roles and administ	trators All roles	
8	+ New custom role 🖹 Delete custom role 🛓 Download assign	ments 🔘 Refresh 🛛 🖾 Preview features 🛛 👰 Got feedback
🕹 All roles		
Protected actions	To create custom roles, your organization needs Azure AD Premium P1 of	or P2. Start a free that. I I I I I I I I I I I I I I I I I I I
X Diagnose and solve problems	Cloud App Security Administrator	Can manage all aspects of the Cloud App Security product.
Artivity	📋 🔓 Cloud Application Administrator	Can create and manage all aspects of app registrations and
	🔲 🍰 Cloud Device Administrator	Limited access to manage devices in Azure AD.
Access reviews	🗋 🝰 Compliance Administrator	Can read and manage compliance configuration and report
Audit logs	📋 🍰 Compliance Data Administrator	Creates and manages compliance content.
Bulk operation results		

Select user and Add Assignment.

Ad when							and the second
* + Atstangerern 💥 Terres angerern				ng or adding. Mairs IT you dan't a	e what you've looking	0.5×	Selected (1)
X Diagnose and some problems:		Sector C					and the second se
Masaje	O Yes our multiplication time to except them	1.P	D				👷 MARFA
Anterena							and an of the state of the construction.
12 December	Search	<u>M</u> 3	Aberto				
Activity	Juarth to earm			Allowed (1	Country .	
Bull constraint salests	117w				11100		
W BRACHERSON (Chart)	Norw		4	ADAR	Unit	ume@henoMbiarpgmail.oneicroof.com	
troublestopting + Support	No othe analysements to and		4	secondar parampeo	Oter		
1 New Autorit request			4	IO-IN	line:	pholometathantigmail.com.colub.com	
			4	AAAAAA	Alter	maindhamatatharbgmat.oreacout.com	
			4	Motant	(Unit:	Michael@Nenal4Nartpprol.ormio.outLorm	
			4	Mile	1,0 km	miedlenastartignal mecculture	
		÷	4	Rehaming	Uner	Naturlay Dimension to provide microsoft.com	
		0	4	SAM	Tiper	un-Diwestellungeatoresconfloom	
		1					

Home > cloudsolutiontalks Users > U	sers > MARIA						
Assigned n	oles						Х
∫¢ Seach (+ Add assignments: 🗙 liencove assign	ments 🜔 Refrest 🛛 🖗 Got Feedbacki					
L Cremen	Administrative roles						
🔋 Aufit logs	Administrative roles can be used to grant ac	ces to Acure 40 and other Microsoft services. Learn more 🖒					
€ Sgr-inlogs	ρ Search by name or description	$^{+}\!\gamma$ Add filles					
🖉 Dagnose and solve problems	Role	1. Description	Resource Name	t↓ Resource Type	1, Assignment Rath	î↓ Type	î↓
Wanage	🔲 🎍 Coud Device Administrator	Limited access to manage devices in Azure AD.	Directory	Organization	Direct	Built-in	
🜡 Asigned roles							
Administrative units							

Add guest users to the organization

Active Directory -> Overview ->Users -> Invite External Users.

Lusers						
P Search *	🕂 New user 🗠 🛓 Download users 🗋) Bulk operations 🔗 🔘 R	efresh 💿 Manage view 😔	🗐 Ceteter 🛛 🖬	Per-user MFA 🛛 📈 Got feedbac	
🛕 All users	Create new part	Entra ID, 🖽				
Audit logs	Create a new internal user in your organization					
 Sign-in logs 	to an anna an a					
X Diagnose and solve problems	invite an external user to collaborate with your	User principal name 11	Identities	User type	Company name	
Manage	- Net	while@hemalathanbgmai	D remainitar/bgreat.onm	crosoft.od/lember		
👃 Deleted users	🔲 📻 Homalatha kannappan		2°	Member		
Password reset	0 30HN	john@hemalathanbgmail	D hemalathartsgmail.com	cross/t.cc/vember		
D User settings	Michael	Michael@hemalathambg_	D temalathumbgmwillonmi	crosoft.cdMember	CloudSolutiontalks	
A Bulk operation results	Mile Mile	mike@hemalathair5gmail	C temalathartigmal.com	oromoffLicdMember		
Troubledwating + Support	🗌 🙀 RahulRaj	RahuRaj@hemalathantbg	C hemalathartograat.com	crocoff.cdMember	ABC	
A New worked request	SAM	sam@hemalathanbgmail	temalathantigmail.com	urosoft.utMember		
M new settion reflect						

Provide email id.

Home > cloudsolutiontalks Users	> Users >
Invite external user Invite an external user to collaborate with	 n your organization
Basics Properties Assignme	nts Review + invite
Invite a new guest user to collaborate Identity	with your organization. The user will be emailed an invitation they can accept in order to begin colla
Email 🕕*	@gmail.com
Display name	shan
Invitation message	
Send invite message	
Message	Cloud Engineer - network Design
Cc recipient	
Review + invite	< Previous Next: Properties >

Invitation will be sent to the email (as below)

Organization: cloudsolutiontalks Domain: ´ ,onmicrosoft.com						
This message was provided by the sender and is not from Microsoft Corporation.						
HK Message from cloudsolutiontalks:						
" Cloud Engineer - network Design "						
you accept this invitation, you'll be sent to <u>https://myapplications.microsoft.com/?tenantid=e26ef84c-7585-45f7-8fd5-</u> <u>04ebd6c4f12a</u> .						
Accept invitation						

The Geust user has to accept the Invitation to Login to the Azure Portal

stan	shandk5569.gmail.com#E D mell	Guest	XYZ COMPANY	invitat	ion No
S shan Guest	2015), STEREORIS (1979), 197 (1979), 197 (1979) Ten ten	15 Vi			
User principal name	hem	alatharrbgmail.onmicro.	🗋 Grou	o membe	0
Object ID	3484afd3-ce09-4c58-b7fc-4c7406af7	737d 🗋	Appli	cations	0
Created date time	Aug 7, 2023, 1:36 PM		Assia	ned roles	0
User type	Guest		Assig	ficu foics	0
Identities	mail		Assig	ned licen	0
My Feed					
Account status Senabled		B2B collaboration state	ation e: Accepted		
Edit Reset redemption status					

Provide access to the Application for the Guest user

We can also add guest user sham to application by choosing Enterprise application from left panel and Click + New application

Enterprise applicat	tions All applica	tions –				
Overview	+ New application () farheith 🛓 Doverstoad	(Export) 🚺 Preview info 🗮 Columnia 🗌	1 Preview Natures R Got fee	ebek)	
0 Overview	Verw, fifter, and search ap	pleations in your organization	on that are set up to use your Abure AD tenant as their	Identity Provider.		
K. Diagnose and solve problems The list of applications that are elementated by your organization are in application regimentations.						
Manage	P Search by application name or object (D		Application type Enterprise Applications 🔀	Application ID starts with	*y Add filters	
III All applications	0 applications found					
Application provy	Name	74 Object ID	Application ID	Homepage URL	Created on	
D User settings	No results					