

Introduction to Cloud Computing

LAB 01

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BS-SE 7B

Task 1: Create and configure user accounts

The screenshot shows the Microsoft Azure portal with the 'Default Directory' overview page. The left sidebar includes 'Overview', 'Preview features', 'Diagnose and solve problems', 'Manage', 'Monitoring', and 'Troubleshooting + Support'. The main content area displays basic information: Name (Default Directory), Tenant ID (d7e692a5-cccf-417c-b67f-0ded375904c4), Primary domain (bsse2280155szabist.onmicrosoft.com), License (Microsoft Entra ID Free). An alert box titled 'Migrate to the converged Authentication methods policy' encourages migrating from legacy MFA and SSPR policies by September 2025. The top right shows the user's email (bsse2280155@szabist.pk) and a sign-out link.

● Create a new user:

The screenshot shows the 'Create new user' form in the Microsoft Azure portal. The 'Basics' tab is selected. The 'Identity' section includes fields for User principal name (az104-user1) and Mail nickname (az104-user1). The 'Display name' field is set to az104-user1. The 'Password' field contains '*****' and has the 'Auto-generate password' checkbox checked. The 'Account enabled' checkbox is checked. At the bottom, there are 'Review + create' and 'Next: Properties >' buttons, along with a 'Give feedback' link.

Create new user

Create a new internal user in your organization

Basics Properties Assignments Review + create

Basics

User principal name: az104-user1@bsse2280155szabist.onmicrosoft.com

Display name: az104-user1

Mail nickname: az104-user1

Password:

Account enabled: Yes

Properties

User type: Member

Job title: IT Lab Administrator

Department: IT

Usage location: United States

Assignments

Administrative units:

● Invite an external user

Invite external user

Invite an external user to collaborate with your organization

Basics Properties Assignments Review + invite

Invite a new guest user to collaborate with your organization. The user will be emailed an invitation they can accept in order to begin collaborating. [Learn more](#)

Identity

Email: *

Display name:

Invitation message

Send invite message:

Message:

Cc recipient:

Invite redirect URL: *

Microsoft Azure

Home > Default Directory | Overview >

Invite external user

Invite an external user to collaborate with your organization

Basics Properties Assignments Review + invite

Basics

Email	yahyaahmer62@gmail.com
Display name	Yahya Ahmer
Send invite message	Yes
Message	Welcome to Azure and our group project
Cc recipient	
Invite redirect URL	https://myapplications.microsoft.com/?tenantid=d7e692a5-cccf-417c-b67f-0ded375904c4

Properties

User type	Guest
Job title	IT Lab Administrator
Department	IT
Usage location	United States

Assignments

Invite [Previous](#) [Next](#) [Give feedback](#)

Gmail

Compose

Inbox 812

Starred Snoozed Sent Drafts Purchases 29 More

Labels +

Search mail

Default Directory invited you to access applications within their organization

Microsoft Invitations on behalf of Default Directory <invites@microsoft.com> to me 5:49 PM (1 minute ago)

Please only act on this email if you trust the organization represented below. In rare cases, individuals may receive fraudulent invitations from bad actors posing as legitimate companies. If you were not expecting this invitation, proceed with caution.

Organization: Default Directory
Domain: bsse2280155szabist.onmicrosoft.com

This message was provided by the sender and is not from Microsoft Corporation.

YA Message from Default Directory

Welcome to Azure and our group project

If you accept this invitation, you'll be sent to <https://myapplications.microsoft.com/?tenantid=d7e692a5-cccf-417c-b67f-0ded375904c4>.

Reply Forward

Task 2: Create groups and add members

The screenshot shows the 'Add owners' dialog in the Microsoft Azure portal. On the left, there's a sidebar with 'New Group' settings: Group type (Security), Group name (IT Lab Administrators), Group description (Administrators that manage the IT lab), Membership type (Assigned), Owners (No owners selected), and Members (No members selected). The main area shows a search bar with 'A' and a results table with three entries:

Name	User principal name
Az104-user1	az104-user1@bsse2280155szabist.onmicrosoft.com
Yahya Ahmer	yahyahmer62@gmail.com
Yahya Ahmer	bsse2280155@szabist.pk

At the bottom, there are 'Create' and 'Select' buttons.

The screenshot shows the 'Default Directory | Overview' page in the Microsoft Azure portal. The left sidebar includes 'Overview', 'Preview features', 'Diagnose and solve problems', 'Manage', 'Monitoring', and 'Troubleshooting + Support'. The main area has tabs for 'Overview', 'Monitoring', 'Properties', 'Recommendations', and 'Setup guides'. A search bar at the top says 'Search your tenant'. Below it, 'Basic information' shows details: Name (Default Directory), Tenant ID (d7e692a5-cccf-417c-b67f-0ded375904c4), Primary domain (bsse2280155szabist.onmicrosoft.com), License (Microsoft Entra ID Free), Users (1), Groups (0), Applications (0), and Devices (0). An 'Alerts' section contains a warning about migrating authentication methods. A success message box is visible in the top right corner: 'Successfully created group' and 'Successfully created group IT Lab Administrators.'

IT Lab Administrators

Group

Overview

Diagnose and solve problems

Manage

- Properties
- Members
- Owners
- Roles and administrators
- Administrative units
- Group memberships
- Applications
- Licenses
- Azure role assignments

Activity

Troubleshooting + Support

Basic information

IT Lab Administrators

Administrators that manage the IT lab

Membership type	Assigned	Total direct members	2
Source	Cloud	User(s)	2
Type	Security	Group(s)	0
Object ID	ca5b1015-f1e2-4aed-bef9-74359137b0b3	Device(s)	0
Created on	11/26/2025, 5:57 PM	Other(s)	0

Feed

Group memberships 0 [View group memberships](#)

Owners 1 [View group owners](#)

Total members 2 [View group members](#)

Add or remove favorites by pressing **Ctrl+Shift+F**

Owners:

IT Lab Administrators | Owners

Group

Overview

Diagnose and solve problems

Manage

- Properties
- Members
- Owners
- Roles and administrators

Search

1 group owner found

Name ↑	Type	Email	User type	Object Id
az104-user1	User		Member	5c2ab1ae-fef7-4746-829f-e

Members:

IT Lab Administrators | Members

Group

Overview

Diagnose and solve problems

Manage

- Properties
- Members
- Owners
- Roles and administrators
- Administrative units
- Group memberships
- Applications
- Licenses

Direct members All members

Search

2 group members found

Name ↑	Type	Email	User type	Object Id
az104-user1	User		Member	5c2ab1ae-fef7-4746-829f-0d
Yahya Ahmed	User	yahyahmer62@gmail.com	Guest	2bb021e5-c7f0-4c97-ab1a-3c