

Devops Coding Challenge

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Batch: Python Batch 2

Creating storage account

The screenshot shows the 'Create a storage account' wizard on the Microsoft Azure portal. The user is on the first step, 'Instance details'. The subscription is set to 'MML Learners' and the resource group is 'rg-azuser2391_mml.local-SxZRr'. The storage account name is 'hexawareassessment', located in '(Asia Pacific) Central India'. The primary service is 'Select a primary service', performance is 'Standard', and redundancy is 'Locally-redundant storage (LRS)'. Navigation buttons at the bottom include 'Previous', 'Next', and 'Review + create'.

Select the subscription in which to create the new storage account. Choose a new or existing resource group to organize and manage your storage account together with other resources.

Subscription: MML Learners

Resource group: rg-azuser2391_mml.local-SxZRr

Create new

Instance details

Storage account name: hexawareassessment

Region: (Asia Pacific) Central India

Primary service: Select a primary service

Performance: Standard: Recommended for most scenarios (general-purpose v2 account)

Redundancy: Locally-redundant storage (LRS)

Previous Next Review + create Give feedback

The screenshot shows the 'Create a storage account' wizard on the Microsoft Azure portal. The user is on the second step, 'Configure security settings that impact your storage account'. Security settings include: 'Require secure transfer for REST API operations' (checked), 'Allow enabling anonymous access on individual containers' (checked), 'Enable storage account key access' (checked), 'Default to Microsoft Entra authorization in the Azure portal' (unchecked), 'Minimum TLS version' set to 'Version 1.2', and 'Permitted scope for copy operations (preview)' set to 'From any storage account'. A 'Hierarchical Namespace' section is present with a note about its benefits and an 'Enable hierarchical namespace' checkbox (checked). Navigation buttons at the bottom include 'Previous', 'Next', and 'Review + create'.

Configure security settings that impact your storage account.

Require secure transfer for REST API operations

Allow enabling anonymous access on individual containers

Enable storage account key access

Default to Microsoft Entra authorization in the Azure portal

Minimum TLS version: Version 1.2

Permitted scope for copy operations (preview): From any storage account

Hierarchical Namespace

Enable hierarchical namespace

Access protocols

Blob and Data Lake Gen2 endpoints are provisioned by default

Previous Next Review + create Give feedback

The screenshot shows the Microsoft Azure Deployment Overview page for a deployment named "hexawareassessment_1734325119190". The status is "Your deployment is complete". Deployment details include a name, subscription, resource group, start time (12/16/2024, 10:28:47 AM), and correlation ID. There are sections for "Deployment details" and "Next steps". A "Go to resource" button is present. The right sidebar features links for Cost Management, Microsoft Defender for Cloud, Free Microsoft tutorials, and Work with an expert. The Windows taskbar at the bottom shows the date (16-12-2024) and time (10:29).

Creating virtual Machine

The screenshot shows the Microsoft Azure Virtual Machines blade. It displays a search bar and various filter options like "Type equals all", "Resource group equals all", and "Location equals all". Below the filters, there are sorting columns for Subscription, Resource group, Location, Status, Operating system, Public IP address, and Disks. A large "No virtual machines to display" message is centered, with a "Create" button below it. At the bottom, there are links for "Learn more about Windows virtual machines" and "Learn more about Linux virtual machines". The Windows taskbar at the bottom shows the date (16-12-2024) and time (10:30).

The screenshot shows the 'Create a virtual machine' wizard on the Microsoft Azure portal. The first step, 'Project details', is displayed. Key configuration includes:

- Subscription:** MML Learners
- Resource group:** rg-azuser2391_mml.local.SxZRr
- Virtual machine name:** assesment
- Region:** (Asia Pacific) Central India
- Availability options:** No infrastructure redundancy required
- Security type:** Standard
- Image:** Ubuntu Server 24.04 LTS - x64 Gen2

At the bottom, there are buttons for < Previous, Next: Disks >, and Review + create.

The screenshot shows the 'Create a virtual machine' wizard on the Microsoft Azure portal. The second step, 'Instance details', is displayed. Key configuration includes:

- VM architecture:** x64
- Run with Azure Spot discount:** Unchecked
- Size:** Standard_D2s_v3 - 2 vcpus, 8 GiB memory (\$76.65/month)
- Enable Hibernation:** Unchecked
- Administrator account:**
 - Authentication type:** Password
 - Username:** azureuser

At the bottom, there are buttons for < Previous, Next: Disks >, and Review + create.

Starred - ramireddy... | MakeMyLabs | Data Engineering | (9) WhatsApp | sairam - Google Drive | Create a virtual machine | New Tab

portal.azure.com/#create/Microsoft.VirtualMachine-ARM

Microsoft Azure

Home > Virtual machines > Create a virtual machine

Help me create a low cost VM | Help me create a VM optimized for high availability | Help me choose the right VM size for my workload

Username * azuser

Password *

Confirm password *

Inbound port rules

Select which virtual machine network ports are accessible from the public internet. You can specify more limited or granular network access on the Networking tab.

Public inbound ports * None

Allow selected ports

Select inbound ports * HTTP (80), HTTPS (443), SSH (22)

All traffic from the internet will be blocked by default. You will be able to change inbound port rules in the VM > Networking page.

< Previous | Next: Disks > | Review + create | Give feedback

Starred - ramireddy... | MakeMyLabs | Data Engineering | (9) WhatsApp | sairam - Google Drive | Create a virtual machine | New Tab

portal.azure.com/#create/Microsoft.VirtualMachine-ARM

Microsoft Azure

Home > Virtual machines > Create a virtual machine

Validation passed

Help me create a low cost VM | Help me create a VM optimized for high availability | Help me choose the right VM size for my workload

Basics | Disks | Networking | Management | Monitoring | Advanced | Tags | Review + create

Price

1 X Standard D2s v3 by Microsoft

Subscription credits apply

0.1100 USD/hr

Pricing for other VM sizes

TERMS

By clicking "Create", I (a) agree to the legal terms and privacy statement(s) associated with the Marketplace offering(s) listed above; (b) authorize Microsoft to bill my current payment method for the fees associated with the offering(s), with the same billing frequency as my Azure subscription; and (c) agree that Microsoft may share my contact, usage and transactional information with the provider(s) of the offering(s) for support, billing and other transactional activities. Microsoft does not provide rights for third-party offerings. See the [Azure Marketplace Terms](#) for additional details.

Name azuser2391_mml.local undefined

< Previous | Next > | Create | Download a template for automation | Give feedback

The screenshot shows the Microsoft Azure Deployment Overview page for a VM named "CreateVm-canonical.ubuntu-24_04-lts-server-20241216103738". The deployment is marked as complete. Key details include:

- Deployment name: CreateVm-canonical.ubuntu-24_04-lts-server-2...
- Subscription: MML Learners
- Resource group: rg-azuser2391_mml.local.SxZr
- Start time: 12/16/2024, 10:41:06 AM
- Correlation ID: b9bada89-1df5-44d0-a99d-012582482da7

The page also includes sections for Deployment details, Next steps, and a sidebar with links to Cost Management, Microsoft Defender for Cloud, Free Microsoft tutorials, and Work with an expert.

Uploading customers csv file

The screenshot shows the Microsoft Azure Storage Accounts page for a storage account named "hexawareassessment". The "Containers" section is selected, showing two existing containers: "\$logs" and "input". A new container named "output" is being created, as indicated by the "New container" dialog on the right side of the screen.

Name	Last modified	Anonymous access
\$logs	12/16/2024, 10:29:17 AM	Private
input	12/16/2024, 10:43:58 AM	Private

Creating Data factory

Subscription * MML Learners

Resource group * rg-azuser2391_mml.local-SxZRr

Name * assessment

Region * East US

Version * V2

Previous Next Review + create

Deployment succeeded

Deployment 'Microsoft.DataFactory-20241216104432' to resource group 'rg-azuser2391_mml.local-SxZRr' was successful.

Pin to dashboard Go to resource group

Deployment name : Microsoft.DataFactory-20241216104432

Subscription : MML Learners

Resource group : rg-azuser2391_mml.local-SxZRr

Start time : 12/16/2024, 10:45:41 AM

Correlation ID : 004b0e14-7867-45b4-bacd-a81d2bb87748

Overview

Inputs

Outputs

Template

Your deployment is complete

Deployment details

Next steps

Go to resource

Give feedback

Tell us about your experience with deployment

Cost management

Get notified to stay within your budget and prevent unexpected charges on your bill.

Set up cost alerts >

Microsoft Defender for Cloud

Secure your apps and infrastructure

Go to Microsoft Defender for Cloud >

Free Microsoft tutorials

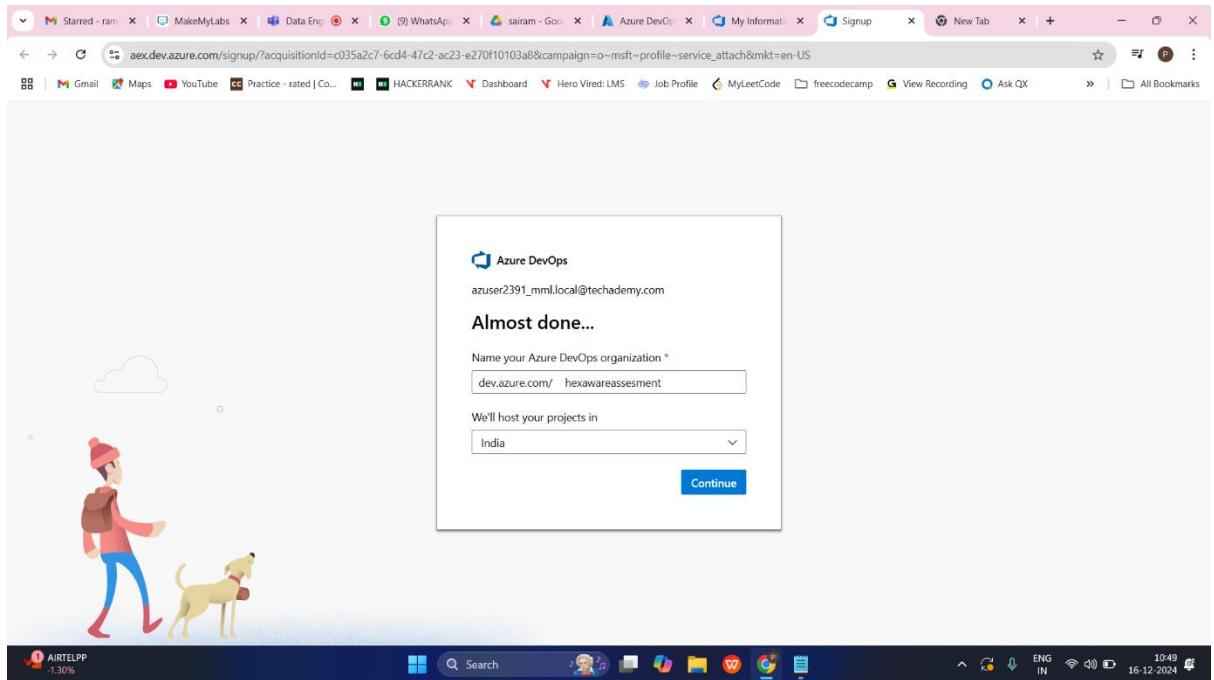
Start learning today >

Work with an expert

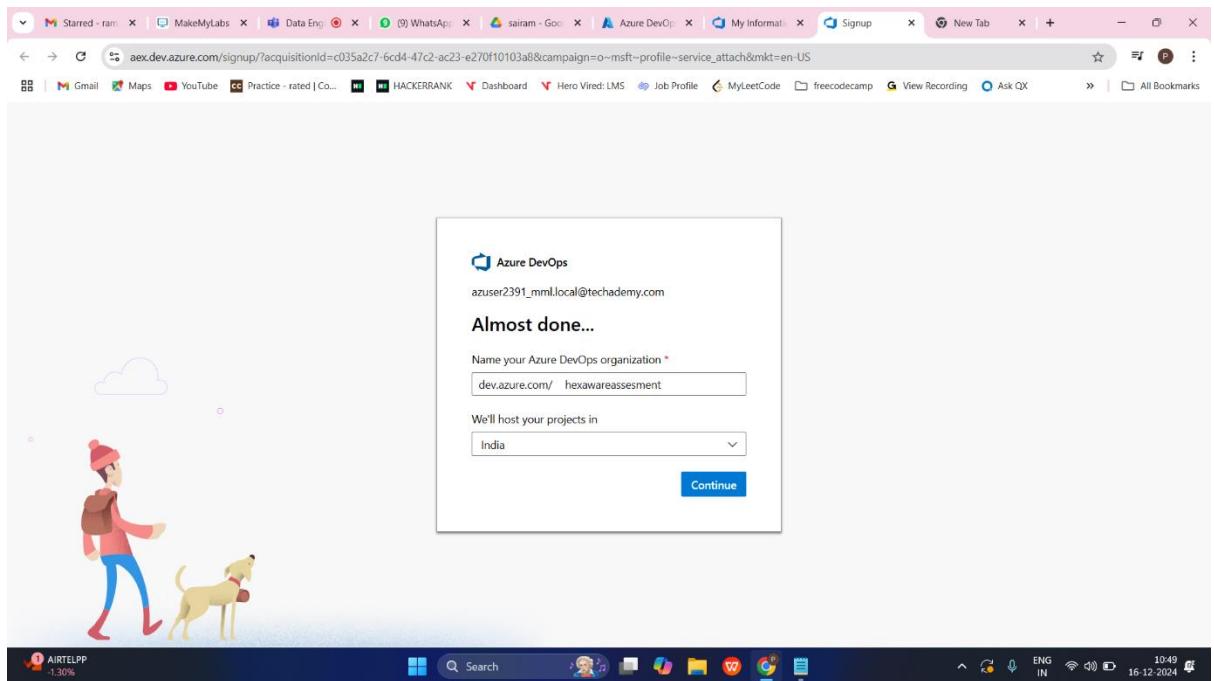
Azure experts are service provider partners who can help manage your assets on Azure and be your first line of support.

Find an Azure expert >

Creating Devops Organization



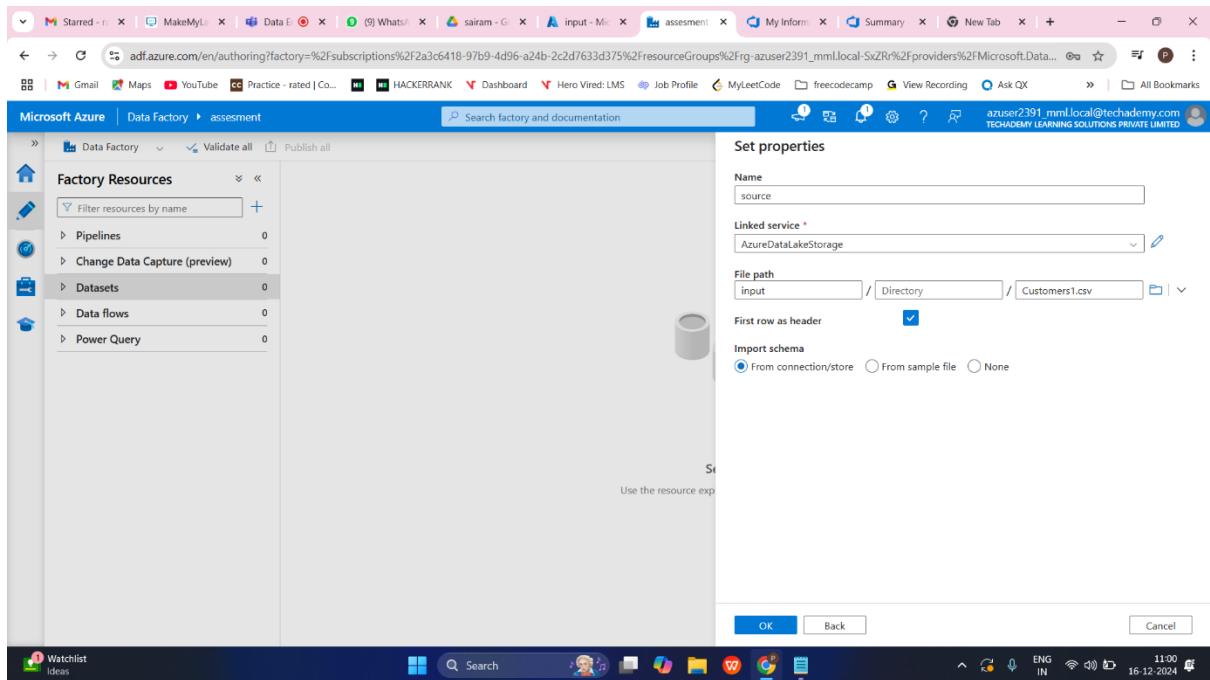
Creating new organization



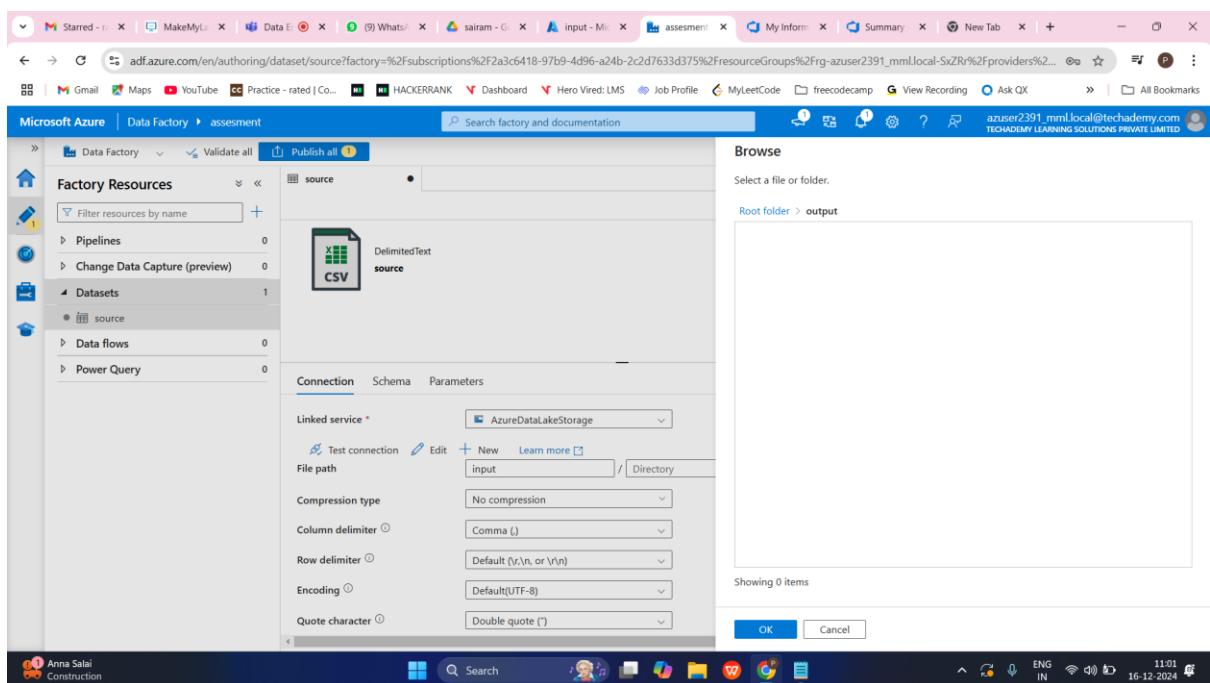
In azure data factory, creating new linked service

The screenshot shows the 'Linked services' section of the Azure Data Factory interface. On the left, a sidebar lists various settings like General, Connections, and Source control. The main area displays a grid of icons for different data stores, with the 'Azure' tab selected. The grid includes icons for Azure AI Search, Azure Blob Storage, Azure Cosmos DB for MongoDB, Azure Cosmos DB for NoSQL, Azure Data Explorer (Kusto), Azure Data Lake Storage Gen2, and others. A 'Create link' button is visible at the bottom right of the grid.

This screenshot shows the 'Linked services' configuration page after a successful connection. The 'Create link' button has turned blue and is labeled 'Create'. To the right, a message indicates 'Connection successful'. The configuration fields include 'Connect via integration runtime' set to 'AutoResolveIntegrationRuntime', 'Authentication type' set to 'Account key', 'Account selection method' set to 'From Azure subscription', and 'Storage account name' set to 'hexawareassessment'. The 'Test connection' section shows a green checkmark next to 'To linked service'. The status bar at the bottom right shows the date and time as 16-12-2024 10:56.



The screenshot shows the 'Set properties' dialog for a dataset named 'source'. The 'Linked service' is set to 'AzureDataLakeStorage'. The 'File path' is specified as 'input / [Directory] / [Customers1.csv]'. The 'Import schema' section has 'From connection/store' selected. The dialog includes 'OK', 'Back', and 'Cancel' buttons.



The screenshot shows the 'Browse' dialog for selecting a file or folder. The root folder is 'output'. A file named 'source' (DelimitedText CSV) is selected. The 'Connection' tab is active, showing 'AzureDataLakeStorage' as the linked service. Other tabs include 'Schema' and 'Parameters'. The dialog includes 'OK', 'Back', and 'Cancel' buttons.

The screenshot shows the Microsoft Azure Data Factory pipeline editor. On the left, the 'Factory Resources' sidebar lists 'Pipelines' (1), 'Datasets' (2), and other resources like 'Change Data Capture (preview)', 'Data flows', and 'Power Query'. In the center, a 'Copy data' activity is selected, with its properties pane open. The 'General' tab shows the activity is named 'assement', has an 'Activated' state, and a timeout of '01:00:00'. The 'Source' tab indicates it's reading from 'assement'. The 'Sink' tab shows it's writing to 'assement'. The 'Mapping' tab is collapsed. On the right, the 'Properties' panel shows the general properties for the activity.

This screenshot shows the 'Publish all' dialog box in the Microsoft Azure Data Factory pipeline editor. It displays pending changes for publishing. Under the 'Pending changes (3)' section, there are three items: a new 'assement' pipeline, a new 'source' dataset, and a new 'sink' dataset. The dialog also contains fields for 'Name', 'Description', 'Activity state', 'Timeout', and 'Retry', along with 'Publish' and 'Cancel' buttons.

The screenshot shows the 'Agent pools' section of the Azure DevOps settings. On the left, a sidebar lists 'General', 'Teams', 'Permissions', 'Notifications', 'Service hooks', 'Dashboards', 'Boards', 'Project configuration', 'Team configuration', 'GitHub connections', and 'Pipelines'. Under 'Pipelines', 'Agent pools' is selected. The main area displays a table with two rows:

Name	Queued jobs	Running jobs
Azure Pipelines		
Default		

At the top right of the table are 'Security' and 'Add pool' buttons.

The screenshot shows the 'Add agent pool' dialog box overlaid on the main 'Agent pools' page. The dialog has the following fields:

- Name:** devopsassement
- Description (optional):** (empty)
- Pipeline permissions:** Grant access permission to all pipelines

At the bottom right of the dialog is a 'Create' button.

The screenshot shows the 'Agent pools' section of the Azure DevOps 'Project Settings' for the 'devopsassessment' project. The 'Agents' tab is selected. A central callout says 'Add your first agent' with the sub-instruction 'Manage agents and run pipeline jobs on this pool.' A large blue 'New agent' button is prominent. The left sidebar lists 'General', 'Boards', and 'Pipelines' sections, with 'Agent pools' currently highlighted.

The screenshot shows the 'Virtual machines' overview page in the Microsoft Azure portal. It displays a single virtual machine named 'hexaware'. The 'Overview' tab is selected, showing details like Resource group (mml), Status (Running), Location (West Central US), and Subscription (MML Learners). The 'Essentials' panel on the right provides specific information such as Operating system (Ubuntu 24.04), Size (Standard_B2s), Public IP address (4.255.178.9), and DNS name (Not configured). The bottom navigation bar includes Properties, Monitoring, Capabilities (7), Recommendations, and Tutorials.

```
C:\Users\preethi>ssh azureuser@4.255.178.9
The authenticity of host '4.255.178.9 (4.255.178.9)' can't be established.
ED25519 key fingerprint is SHA256:PXWt7XaGjLoFkEI4DxDetNDriRtoWFbOu/xbhAOii.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
```

```
C:\Users\preethi>ssh azureuser@4.255.178.9
The authenticity of host '4.255.178.9 (4.255.178.9)' can't be established.
ED25519 key fingerprint is SHA256:PXWt7XaGjLoFkEI4DxDetNDriRtoWFbOu/xbhAOii.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added "4.255.178.9" (ED25519) to the list of known hosts.
azureuser@4.255.178.9's password:
Permission denied, please try again.
azureuser@4.255.178.9's password:
Welcome to Ubuntu 24.04.1 LTS (GNU/Linux 6.8.0-1017-azure x86_64)

 * Documentation: https://help.ubuntu.com
 * Management: https://landscape.canonical.com
 * Support: https://ubuntu.com/pro

System information as of Mon Dec 16 05:45:56 UTC 2024

System load: 0.0 Processes: 130
Usage of /: 5.4% of 28.02GB Users logged in: 0
Memory usage: 3% IPv4 address for eth0: 10.0.0.4
Swap usage: 0%
```

azureuser@hexaware:~

```
System information as of Mon Dec 16 05:45:56 UTC 2024

System load: 0.0 Processes: 130
Usage of /: 5.4% of 28.02GB Users logged in: 0
Memory usage: 3% IPv4 address for eth0: 10.0.0.4
Swap usage: 0%

Expanded Security Maintenance for Applications is not enabled.
0 updates can be applied immediately.

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

The list of available updates is more than a week old.
To check for new updates run: sudo apt update

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

azureuser@hexaware:~$
```

dev.azure.com/hexawareassessment/devopsassessment/_settings/agentqueues?queueId=10&view=agents

Project Settings

General

Overview

Teams

Permissions

Notifications

Service hooks

Dashboards

Boards

Project config

Team config

Github config

Pipelines

Agent pools

Parallel jobs

Settings

Test management

Get the agent

```
azureuser@hexaware:~
```

vsts-agent-linux-x64-4.248.0.tar.gz
hexawarerecording.mp4

```
azureuser@hexaware:~$ wget https://vstsagentpackage.azureedge.net/agent/4.248.0/vsts-agent-linux-x64-4.248.0.tar.gz
--2024-12-16 05:48:14-- https://vstsagentpackage.azureedge.net/agent/4.248.0/vsts-agent-linux-x64-4.248.0.tar.gz
Resolving vstsagentpackage.azureedge.net (vstsagentpackage.azureedge.net)... 72.21.81.200, 2606:2800:11f:17a5:191a:18d5:537:22f9
Connecting to vstsagentpackage.azureedge.net (vstsagentpackage.azureedge.net)|72.21.81.200|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 147471638 (141M) [application/octet-stream]
Saving to: 'vsts-agent-linux-x64-4.248.0.tar.gz'

2024-12-16 05:48:15 (136 MB/s) - 'vsts-agent-linux-x64-4.248.0.tar.gz' saved [147471638/147471638]

azureuser@hexaware:~$
```

```
azreuser@hexaware:~$ wget https://vstsagentpackage.azureedge.net/agent/4.248.0/vsts-agent-linux-x64-4.248.0.tar.gz
--2024-12-16 05:48:14-- https://vstsagentpackage.azureedge.net/agent/4.248.0/vsts-agent-linux-x64-4.248.0.tar.gz
Resolving vstsagentpackage.azureedge.net (vstsagentpackage.azureedge.net)... 72.21.81.200, 2606:2800:11f:17a5:191a:18d5:537:22f9
Connecting to vstsagentpackage.azureedge.net (vstsagentpackage.azureedge.net)|72.21.81.200|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 147471638 (141M) [application/octet-stream]
Saving to: 'vsts-agent-linux-x64-4.248.0.tar.gz'

vsts-agent-linux-x64-4.248.0. 100%[=====] 140.64M  136MB/s   in 1.0s
2024-12-16 05:48:15 (136 MB/s) - `vsts-agent-linux-x64-4.248.0.tar.gz' saved [147471638/147471638]

azreuser@hexaware:~$ ls
bin config.sh env.sh externals license.html reauth.sh run-docker.sh run.sh vsts-agent-linux-x64-4.248.0.tar.gz
azreuser@hexaware:~$
```

```
azreuser@hexaware:~$ ls
bin config.sh env.sh externals license.html reauth.sh run-docker.sh run.sh vsts-agent-linux-x64-4.248.0.tar.gz
azreuser@hexaware:~$
```

```
azureuser@hexaware:~ $ ls
bin config.sh env.sh externals license.html reauth.sh run-docker.sh run.sh vsts-agent-linux-x64-4.248.0.tar.gz
azureuser@hexaware:~ $ ./config.sh

agent v4.248.0
(commit 4dd8b81)

>> End User License Agreements:

Building sources from a TFVC repository requires accepting the Team Explorer Everywhere End User License Agreement. This step is not required for building sources from Git repositories.

A copy of the Team Explorer Everywhere license agreement can be found at:
/home/azureuser/license.html

Enter (Y/N) Accept the Team Explorer Everywhere license agreement now? (press enter for N) > Y

>> Connect:
Enter server URL > |
```

The screenshot shows a Microsoft Edge browser window with the following details:

- Address Bar:** https://dev.azure.com/hexawareassessment/
- Toolbar:** Shows various pinned and open tabs, including "Projects", "hexaware", and "assessment".
- Header:** "Azure DevOps" and a search bar.
- Content Area:** The main page displays the organization settings for "hexawareassessment". It includes sections for "Projects", "My work items", "My pull requests", and a "New project" button. A purple card titled "devopsassessment" is visible.
- Bottom Navigation:** "Organization settings" and a system tray with the date and time (16-12-2024).

```
azureuser@hexaware:~ $ ls
bin config.sh env.sh externals license.html reauth.sh run-docker.sh run.sh vsts-agent-linux-x64-4.248.0.tar.gz
azureuser@hexaware:~ $ ./config.sh

agent v4.248.0
(commit 4dd8b81)

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>> Connect:
Enter server URL > https://dev.azure.com/hexawareassessment/
```

The screenshot shows a Microsoft Edge browser window with the following details:

- Address Bar:** dev.azure.com/hexawareassessment/
- Toolbar:** Shows various pinned and open tabs, including "Projects", "hexaware", "assessment", "My Inform", and "New Tab".
- Header:** "Azure DevOps" logo.
- Left Sidebar:** "hexawareassessment" organization name.
- Content Area:** "hexawareassessment" organization settings page. It includes a "Preview features" dropdown menu with options like "Profile", "Time and Locale", "Permissions", "Notifications", "Theme", "Usage", "Personal access tokens", and "SSH public keys".
- Bottom Status Bar:** Shows the URL "https://dev.azure.com/hexawareassessment/_usersSettings/tokens", the date "16-12-2024", and the time "11:25".

The screenshot shows the 'Personal Access Tokens' page in Azure DevOps. The left sidebar has 'User settings' selected under 'Security'. The main area displays a message: 'You do not have any personal access tokens yet.' with a 'New Token' button. A key icon is present above the message.

The screenshot shows the 'Personal Access Tokens' page in Azure DevOps. The left sidebar has 'User settings' selected under 'Security'. A modal dialog titled 'Create a new personal access token' is open. It contains fields for 'Name' (set to 'pat'), 'Organization' (set to 'hexawareassesment'), 'Expiration (UTC)' (set to '30 days' with '1/15/2025'), and 'Scopes' (set to 'Full access'). Below the dialog, the main page message 'You do not have any personal access tokens yet.' is visible.

A screenshot of a web browser showing the Azure DevOps User settings page. The URL is `dev.azure.com/hexawareassessment/_usersSettings/tokens`. The left sidebar shows 'User settings' for 'azuser2391_mml.local'. Under 'Personal access tokens', a new token named 'pat' with 'Full access' scope is listed. A success modal is open, stating 'You have successfully added a new personal access token. Copy the token now!' with the token value '8fHcbCsWnWkrgAsISwFB' highlighted. A warning message says 'Warning - Make sure you copy the above token now. We don't store it and you will not be able to see it again.' A 'Close' button is at the bottom right of the modal.

A screenshot of a terminal window titled 'azuser@hexaware:~'. The user runs 'ls' and sees files like 'bin', 'config.sh', 'env.sh', 'externals', 'license.html', 'reauth.sh', 'run-docker.sh', 'run.sh', and 'vsts-agent-linux-x64-4.248.0.tar.gz'. Then they run './config.sh' which starts the VSTS agent. The output shows the agent version 'agent v4.248.0' and a commit hash '(commit 4dd8b81)'. The terminal then prompts for accepting the End User License Agreement, which is accepted with 'Y'. It then asks for a server URL ('https://dev.azure.com/hexawareassessment/'), authentication type ('PAT'), and a personal access token. The token is copied from the previous screenshot. The terminal connects to the server and registers the agent, ending with 'Enter agent pool (press enter for default) > |'.

```
azuser@hexaware: ~          + -         (commit 4dd8b81)

>> End User License Agreements:

Building sources from a TFVC repository requires accepting the Team Explorer Everywhere End User License Agreement. This step is not required for building sources from Git repositories.

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 /home/azureuser/license.html

Enter (Y/N) Accept the Team Explorer Everywhere license agreement now? (press enter for N) > Y

>> Connect:

Enter server URL > Error reported in diagnostic logs. Please examine the log for more details.
 - /home/azureuser/_diag/Agent_20241216-060159-utc.log
An error occurred: Not configured

Enter server URL > https://dev.azure.com/hexawareassessment/
Enter authentication type (press enter for PAT) >
Enter personal access token > *****
Connecting to server ...

>> Register Agent:

Enter agent pool (press enter for default) > pat
Error reported in diagnostic logs. Please examine the log for more details.
 - /home/azureuser/_diag/Agent_20241216-060938-utc.log
Agent pool not found: 'pat'
Failed to find pool name. Try again or ctrl-c to quit
Enter agent pool (press enter for default) > hexaware
Agent pool not found: 'hexaware'
Failed to find pool name. Try again or ctrl-c to quit
Enter agent pool (press enter for default) > devopsassessment
Enter agent name (press enter for hexaware) > devopsassessment
Scanning for tool capabilities.
Connecting to the server.
Successfully added the agent
Testing agent connection.

|
```



This screenshot shows the Azure DevOps portal interface. The user is navigating through the 'Organization Settings' for the 'hexawareassessment' organization. On the left, there's a sidebar with various settings like General, Security, and Boards. The main content area is titled 'devopsassessment' and shows the 'Agents' tab selected. A table lists the agents in the pool, with one entry for 'devopsassessment' which is currently 'Idle', running version 4.248.0, and has its 'Enabled' switch turned 'On'. There are buttons for 'Update all agents' and 'New agent' at the top right of the table area. The browser address bar shows the URL for the agent pool settings.



```

az user@hexaware:~ + ~
A copy of the Team Explorer Everywhere license agreement can be found at:
/home/azureuser/license.html

Enter (Y/N) Accept the Team Explorer Everywhere license agreement now? (press enter for N) > Y
>> Connect:

Enter server URL > Error reported in diagnostic logs. Please examine the log for more details.
- /home/azureuser/_diag/Agent_20241216-060938-utc.log
An error occurred: Not configured

Enter server URL > https://dev.azure.com/hexawareassessment/
Enter authentication type (press enter for PAT) >
Enter personal access token > *****
Connecting to server ...

>> Register Agent:

Enter agent pool (press enter for default) > pat
Error reported in diagnostic logs. Please examine the log for more details.
- /home/azureuser/_diag/Agent_20241216-060938-utc.log
Agent pool not found: 'pat'
Failed to find pool name. Try again or ctrl-c to quit
Enter agent pool (press enter for default) > hexaware
Agent pool not found: 'hexaware'
Failed to find pool name. Try again or ctrl-c to quit
Enter agent pool (press enter for default) > devopsassessment
Enter agent name (press enter for hexaware) > devopsassessment
Scanning for tool capabilities.
Connecting to the server.
Successfully added the agent
Testing agent connection.
Enter work folder (press enter for _work) > clear
2024-12-16 06:15:35Z: Settings Saved.
az user@hexaware:~$ ./run.sh &
[1] 2741
az user@hexaware:~$ Scanning for tool capabilities.
Connecting to the server.
2024-12-16 06:17:13Z: Listening for Jobs

```



dev.azure.com/hexawareassessment/_settings/agentpools?poolId=10&view=agents

Azure DevOps hexawareassessment / Settings / Agent pools / devopsassessment

devopsassessment

Jobs Agents Details Security Settings Maintenance History Analytics

Name	Last run	Current status	Agent version	Enabled
devopsassessment		Idle	4.248.0	<input checked="" type="checkbox"/> On

Update all agents New agent

Organization Settings hexawareassessment

- General
 - Overview
 - Projects
 - Users
 - Billing
 - Global notifications
 - Usage
 - Extensions
 - Microsoft Entra
- Security
 - Security overview
 - Policies
 - Permissions
- Boards

27°C Haze

The screenshot shows the Microsoft Azure Data Factory pipeline editor. On the left, the navigation pane lists 'Pipelines' (1), 'Datasets' (2), 'Data flows' (0), and 'Power Query' (0). The main workspace displays a 'Copy data' activity named 'assement'. The 'Properties' panel on the right shows the activity's configuration with 'Name' set to 'assement' and 'Activity state' set to 'Activated'. The status bar at the bottom indicates it's 11:48 AM on 16-12-2024.

The screenshot shows the 'Configure a repository' dialog in the Microsoft Azure Data Factory interface. The left sidebar lists 'Source control' options, with 'Git configuration' selected. The main area displays a 'Configure a repository' form with fields for 'Repository type' (set to 'Azure DevOps Git'), 'Cloud' (selected), and 'Microsoft Entra ID' (set to 'Techademy Learning Solutions Private Limited (7540734b-e567-46c3-9ad3-ec9fb9e50140)'). The status bar at the bottom indicates it's 11:51 AM on 16-12-2024.

The screenshot shows the Microsoft Azure portal interface. The top navigation bar includes links for Starred, MakeMyLabs, Data Eng, sairam - Goog, Settings, Techademy L, assessment, My Informa, New Tab, and All Bookmarks. The main header bar displays the URL portal.azure.com/#view/Microsoft_AAD_IAM/ActiveDirectoryMenuBlade/~/Overview, the Microsoft Azure logo, a search bar, and a Copilot button. The user is signed in as azuser2391_mmml.local@... with the name TECHADEMY LEARNING SOLUT... The page title is "Techademy Learning Solutions Private Limited | Overview".

Overview

Microsoft Entra has a simpler, integrated experience for managing all your Identity and Access Management needs. Try the new Microsoft Entra admin center! [Learn more](#)

Overview Monitoring Properties Recommendations Setup guides

Search your tenant

Basic information

Name	Techademy Learning Solutions Private Limited	Users	539
Tenant ID	7540734b-e567-46c3-9ad3-ec9fb9e50140	Groups	77
Primary domain	techademy.com	Applications	116
License	Microsoft Entra ID Free	Devices	571

Alerts

My feed

Try Microsoft Entra admin center [Learn more](#)

d5ac7d98-cce3-4ec0-8218-88656a98ab4d

Microsoft Entra Connect

27°C Haze

Search

ENG IN 11:52 16-12-2024

The screenshot shows the Microsoft Azure Data Factory configuration interface for a repository. The left sidebar lists various settings like General, Connections, Source control, and Git configuration. Under Source control, 'Git configuration' is selected. The main area is titled 'Configure a repository' and contains a sub-section 'Create a new branch'. A 'Branch name' input field is populated with 'dev'. On the right, there's a detailed configuration panel for connecting to an Azure DevOps organization. The 'Azure DevOps organization name' dropdown is set to 'hexawareassement'. Other fields include 'Project name' (set to 'devopsassement'), 'Repository name' (set to 'devopsassement'), 'Collaboration branch' (set to 'dev'), and 'Publish branch' (set to 'adf_publish'). The 'Root folder' is set to '/'. There are also checkboxes for 'Custom comment' (checked) and 'Import existing resources' (checked). At the bottom right of the configuration panel are 'Apply', 'Back', and 'Cancel' buttons.

Configure a repository

Specify the settings that you want to use when connecting to your repository.

Select repository Use repository link

Azure DevOps organization name *

Project name *

Repository name *

Collaboration branch *

Publish branch *

Root folder *

Custom comment Use custom comment

Import existing resources Import existing resources to repository

Apply Back Cancel

The screenshot shows the Microsoft Azure Data Factory interface. The left sidebar is open, showing various settings like General, Connections, Source control (Git configuration selected), Author, Triggers, Global parameters, Data flow libraries, Security, Credentials, Customer managed key, Outbound rules, and Managed private endpoints. A modal window titled "Configure a repository" is displayed, with a message: "Connect your workspace with your Git repository just within few clicks. To learn more about best practices about CI/CD please view document here. CI/CD". Below the modal are buttons for Edit, Overwrite live mode, Disconnect, and Import resources. At the top right, there's a message: "azuser2391_mml.local@techademy.com TECHADEMY LEARNING SOLUTIONS PRIVATE LIMITED" and a "Repo Connected" status with a green checkmark. The bottom status bar shows the date and time as 16-12-2024.

The screenshot shows the Azure DevOps interface for a repository named "devopsassessment". The left sidebar includes sections for Overview, Boards, Repos (selected), Files, Commits, Pushes, Branches, Tags, Pull requests, Advanced Security, Pipelines, Test Plans, and Project settings. The main area displays a file structure under "dev": dataset, factory, linkedService, pipeline, publish_config.json, and readme.md. A table shows the commit history for each file:

Name	Last change	Commits
dataset	Just now	95fb7dda Adding pipeline: assessment azuser2391...
factory	Just now	95fb7dda Adding pipeline: assessment azuser2391...
linkedService	Just now	95fb7dda Adding pipeline: assessment azuser2391...
pipeline	Just now	95fb7dda Adding pipeline: assessment azuser2391...
publish_config.json	Just now	59eb499d Update publish_config.json azuser2391_m...
readme.md	Just now	eb15d322 Initial commit. azuser2391_mml.local

A message at the bottom states: "Initialized by Azure Data Factory!". The bottom status bar shows the date and time as 16-12-2024.

The screenshot shows the Microsoft Azure Data Factory interface. The left sidebar lists various configurations: General, Connections, Source control (selected), Git configuration, ARM template, Author, Triggers, Global parameters, Data flow libraries, and Security. The main content area is titled "Configure a repository" and contains instructions to connect your workspace with a Git repository. It includes buttons for Edit, Overwrite live mode, Disconnect, and Import resources. A preview experience toggle is set to Off. The top navigation bar shows multiple tabs open, including "assesment" which is currently active. The bottom status bar shows the user's name, location (ENG IN), date (16-12-2024), and time (11:59).

This screenshot is identical to the one above, but it includes a prominent modal dialog in the top right corner. The dialog has a green checkmark icon and the text "Publishing completed" followed by "Successfully published from collaboration branch". The rest of the interface and status bar are the same as the first screenshot.

The screenshot shows the Microsoft Azure Data Factory configuration interface. The left sidebar lists various settings: General, Connections, Source control (selected), Git configuration, ARM template, Author, Triggers, Global parameters, Data flow libraries, Security, Credentials, Customer managed key, Outbound rules, and Managed private endpoint. The main area is titled "Configure a repository" with the sub-section "Git configuration". It includes tabs for "Edit", "Overwrite live mode", "Disconnect", and "Import resources". A "Custom comment" field is set to "Enabled". A success message "Generating ARM templates Succeeded" is displayed in a toast notification. The bottom status bar shows the date and time as 16-12-2024.

The screenshot shows the Azure DevOps repository interface for the project "devopsassement". The left sidebar shows options like Overview, Boards, Repos (selected), Files, Commits, Pushes, Branches, Tags, Pull requests, Advanced Security, Pipelines, Test Plans, and Project settings. The main area displays a list of commits under the "dev" branch. The commits are:

Commit	Author	Date	Message
95fb7dda	adff_publish	3m ago	Adding pipeline: assement azuser2391...
95fb7dda	adff_publish	3m ago	Adding pipeline: assement azuser2391...
linkedService		3m ago	95fb7dda Adding pipeline: assement azuser2391...
pipeline		3m ago	95fb7dda Adding pipeline: assement azuser2391...
publish_config.json		3m ago	59eb499d Update publish_config.json azuser2391_m...
readme.md		4m ago	eb15d377 Initial commit. azuser2391_mml.local

A message at the bottom states "Initialized by Azure Data Factory!"

The screenshot shows the Azure DevOps interface for a repository named 'devopsassement'. The left sidebar includes options like Overview, Boards, Repos (selected), Files, Commits, Pushes, Branches, Tags, Pull requests, Advanced Security, Pipelines, Test Plans, and Help. The main area displays a commit history for a file named 'assement'. The commits are as follows:

Name	Last change	Commits
globalParameters	Just now	12de14b1 ARM template and parameters deployed ...
linkedTemplates	Just now	12de14b1 ARM template and parameters deployed ...
ARMTemplateForFactory.json	Just now	12de14b1 ARM template and parameters deployed ...
ARMTemplateParametersForFactory.json	Just now	12de14b1 ARM template and parameters deployed ...

The screenshot shows the Microsoft Azure portal with a search bar at the top. The main content area is titled 'Create Data Factory' under 'Data factories'. The 'Basics' tab is selected. The 'Project details' section requires a subscription (selected as 'MML Learners') and a resource group ('rg-azuser2391_mml.local-SxZRr'). The 'Instance details' section allows setting the name ('destination'), region ('East US'), and version ('V2'). At the bottom, there are 'Previous', 'Next', and 'Review + create' buttons.

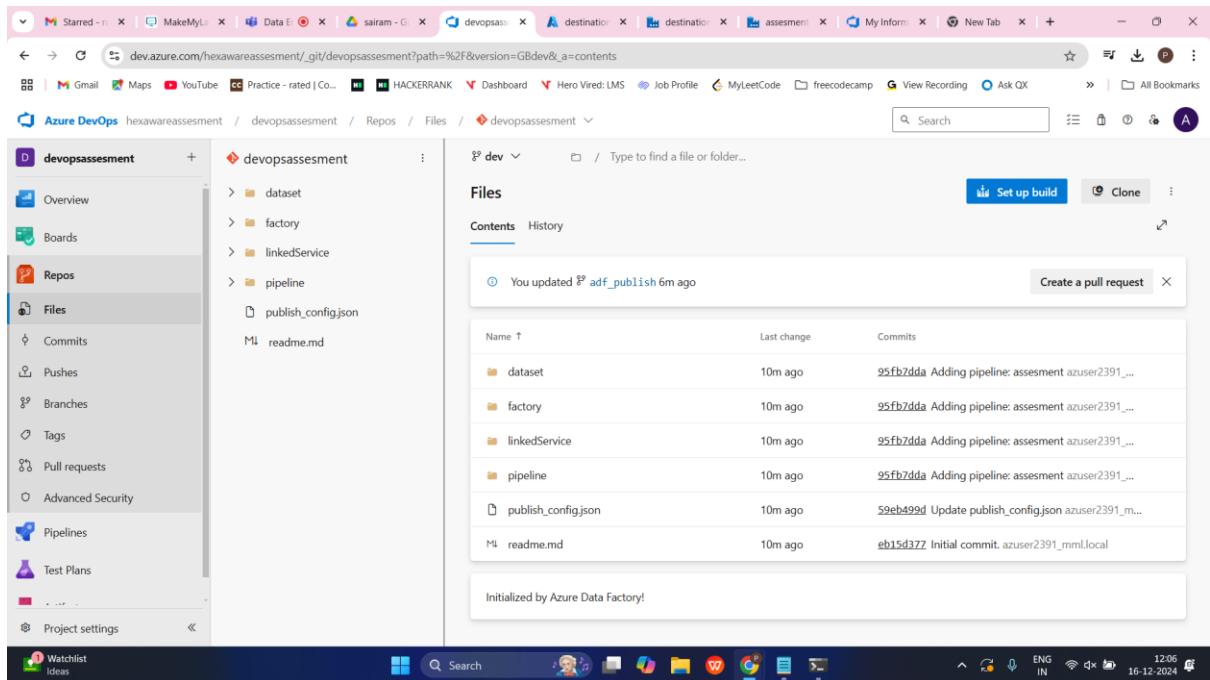
The screenshot shows the Microsoft Azure Data Factory deployment details page. The deployment is complete, with the following key information:

- Deployment name:** Microsoft.DataFactory-20241216120240
- Subscription:** MML Learners
- Resource group:** rg-azuser2391_mml.local-SxZRr
- Start time:** 12/16/2024, 12:03:32 PM
- Correlation ID:** 1afa92c7-e6f1-465b-8840-1f64bb04ebb6

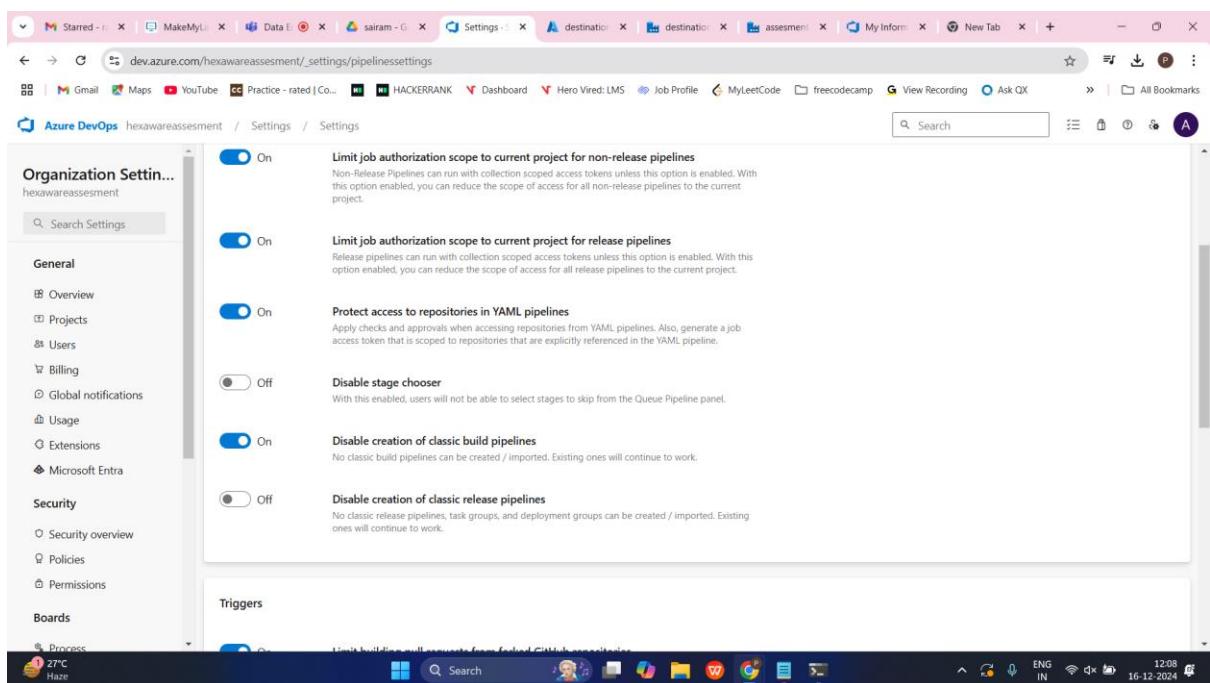
The page also includes sections for Deployment details, Next steps, and a sidebar with links to Cost management, Microsoft Defender for Cloud, Free Microsoft tutorials, and Work with an expert.

The screenshot shows the Azure DevOps repository for the project "devopsassessment". A new commit was pushed by "Azure Data Factory" at 7m ago. The commit message is "Initial commit. azuser2391_mmlLocal". The commit details are as follows:

File	Time	Message
assestment	6m ago	12de14b1 ARM template and parameters deployed ...
readme.md	7m ago	751a46fa Initial commit. azuser2391_mmlLocal



A screenshot of the Azure DevOps interface showing a repository named "devopsassessment". The left sidebar shows navigation options like Overview, Boards, Repos, Files, Pipelines, Test Plans, and Project settings. The main content area displays a list of files under the "dev" folder. The "Files" tab is selected, showing a table with columns for Name, Last change, and Commits. The table lists several items including "dataset", "factory", "linkedService", "pipeline", "publish_config.json", and "readme.md". A message at the bottom states "Initialized by Azure Data Factory!".



A screenshot of the Azure DevOps organization settings page. The left sidebar shows sections like General, Security, and Boards. The main content area displays various configuration options with toggle switches. Some options are turned On, such as "Limit job authorization scope to current project for non-release pipelines" and "Limit job authorization scope to current project for release pipelines". Other options are turned Off, such as "Disable stage chooser" and "Disable creation of classic build pipelines". The "Triggers" section is also visible.

The screenshot shows the Azure DevOps Pipelines interface for the project 'devopsassessment'. The left sidebar navigation bar is visible, with 'Pipelines' selected. The main content area displays a message: 'No release pipelines found'. Below this message is a call-to-action button labeled 'New pipeline'. A decorative illustration of a person launching a rocket is present in the background.

The screenshot shows the 'New release pipeline' creation screen. The left sidebar navigation bar is visible, with 'Pipelines' selected. The main content area shows the 'All pipelines > New release pipeline' page. On the right side, there is a 'Select a template' section with a search bar and a list of featured templates, including 'Azure App Service deployment', 'Deploy a Java app to Azure App Service', 'Deploy a Node.js app to Azure App Service', 'Deploy a PHP app to Azure App Service and Azure Database for MySQL', 'Deploy a Python app to Azure App Service and Azure database for MySQL', and 'Deploy to a Kubernetes cluster'.

The screenshot shows the Azure DevOps Pipelines interface for creating a new release pipeline. The left sidebar is visible with various project navigation options like Overview, Boards, Repos, Pipelines, Environments, Releases, Library, Task groups, Deployment groups, Test Plans, Artifacts, and Project settings. The main area displays the 'All pipelines > New release pipeline' screen. It includes tabs for Pipeline, Tasks, Variables, Retention, Options, and History. A message states 'You cannot save a release pipeline that contains zero stages.' Below this, there are sections for 'Artifacts' and 'Stages'. The 'Artifacts' section has a button to 'Add an artifact' and a note about scheduling. The 'Stages' section has a button to 'Add a stage'. On the right side, there is a configuration panel for the release pipeline:

- Build** (selected)
- Azure Re...**
- GitHub**
- TFVC**

Configuration fields include:

- Project**: devopsassessment
- Source (repository)**: devopsassessment
- Default branch**: adf_publish
- Default version**: Latest from the default branch
- Checkout submodules**: Unchecked
- Checkout files from LFS**: Unchecked
- Shallow fetch depth**: Unchecked
- Source alias**: _devopsassessment

An 'Add' button is located at the bottom right of the configuration panel.

This screenshot continues from the previous one, showing the addition of a stage to the release pipeline. The 'Stages' section now contains a single stage named 'Stage 3' which is highlighted. To the right, a detailed view of the stage properties is shown:

Stage
Stage 3

Properties
Name and owners of the stage

Stage name: Stage 3

Stage owner: azuser2391_mml.local

At the top right of the main pipeline view, there are buttons for 'Save', 'Create release', and 'View releases'.

The screenshot shows the Azure DevOps Pipelines interface for a project named "devopsassessment". On the left, a sidebar lists various options like Overview, Boards, Repos, Pipelines (which is selected), Environments, Releases, Library, Task groups, Deployment groups, Test Plans, Artifacts, and Project settings. The main area displays "All pipelines > New release pipeline". A table titled "Stage 3 Deployment process" contains one task: "Agent job Run on agent". To the right, there's a form for adding a new stage, with "Stage name" set to "Stage 3". At the top right, there are "Save", "Create release", and "View releases" buttons. The bottom status bar shows the date as 16-12-2024 and the time as 12:15.

This screenshot shows the detailed configuration for the "Agent job" task within Stage 3. The "Display name" is set to "Agent job". Under "Agent selection", the "Agent pool" is set to "Hosted Windows 2019 with VS2019". The "Demands" section is currently empty. The "Execution plan" section includes "Parallelism" options: "None" (selected), "Multi-configuration", and "Multi-agent". The bottom status bar shows the date as 16-12-2024 and the time as 12:15.

The screenshot shows the Azure DevOps Pipelines interface. On the left, a sidebar menu is open under the 'Pipelines' section, showing options like Overview, Boards, Repos, Pipelines, Environments, Releases, Library, Task groups, Deployment groups, Test Plans, Artifacts, and Project settings. The main area is titled 'All pipelines > New release pipeline'. It displays a 'Stage 3 Deployment process' with a single step named 'hexaware' which is 'Run on agent'. A search bar at the top right shows 'arm'. Below the stage, there's a 'Marketplace' section with extensions like 'ARM template deployment', 'ARM Outputs', 'Run ARM TTK Tests', and 'Webapp Warmup'.

The screenshot shows the Microsoft Azure portal. The address bar indicates the URL is 'portal.azure.com/#view/Microsoft_AAD_RegisteredApps/ApplicationsListBlade'. The main content area is titled 'App registrations' and shows tabs for 'All applications', 'Owned applications' (which is selected), and 'Deleted applications'. A search bar at the top says 'Search resources, services, and docs (G+)'. A message at the top states: 'Starting June 30th, 2020 we will no longer add any new features to Azure Active Directory Authentication Library (ADAL) and Azure Active Directory Graph. We will continue to provide technical support and security updates but we will no longer provide feature updates. Applications will need to be upgraded to Microsoft Authentication Library (MSAL) and Microsoft Graph.' A button 'View all applications in the directory' is visible.

The screenshot shows a Microsoft browser window with the URL 'https://go.microsoft.com/fwlink/?linkid=2132805' in the address bar. The status bar at the bottom right shows the date and time as '16-12-2024 12:21'.

Starred - [x](#) MakeMyLe... [x](#) Data E... [x](#) Settings [x](#) sairam - G... [x](#) Register a... [x](#) destination [x](#) assessment [x](#) My Inform... [x](#) New Tab [x](#) +

← → ⌂ portal.azure.com/#view/Microsoft_AAD_RegisteredApps/CreateApplicationBlade/quickStartType~/null/isMSAApp~/false

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Microsoft Azure Search resources, services, and docs (G+)

azuser2391_mmml.local@... TECHADEMY LEARNING SOLUT...

Home > App registrations > Register an application ...

* Name
The user-facing display name for this application (this can be changed later).

Supported account types
Who can use this application or access this API?
 Accounts in this organizational directory only (Techademy Learning Solutions Private Limited only - Single tenant)
 Accounts in any organizational directory (Any Microsoft Entra ID tenant - Multitenant)
 Accounts in any organizational directory (Any Microsoft Entra ID tenant - Multitenant) and personal Microsoft accounts (e.g. Skype, Xbox)
 Personal Microsoft accounts only
Help me choose...

Redirect URI (optional)
We'll return the authentication response to this URI after successfully authenticating the user. Providing this now is optional and it can be
By proceeding, you agree to the Microsoft Platform Policies [?](#)

Register

27°C Haze 12:21 16-12-2024 ENG IN WiFi

Starred - [x](#) MakeMyLe... [x](#) Data E... [x](#) Settings [x](#) sairam - G... [x](#) secret - M... [x](#) destination [x](#) assessment [x](#) My Inform... [x](#) New Tab [x](#) +

← → ⌂ portal.azure.com/#view/Microsoft_AAD_RegisteredApps/ApplicationMenuBlade/~/Overview/appId/266bd23f-aa80-4973-ae83-0535e674b3ce/objectId/8528eaa8-66bf-bbd3-33d19f7b... [x](#) ☆ ⌂ P : ...

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Microsoft Azure Search resources, services, and docs (G+)

azuser2391_mmml.local@... TECHADEMY LEARNING SOLUT...

Home > App registrations > secret ...

Overview Delete Endpoints Preview features

Got a second? We would love your feedback on Microsoft identity platform (previously Azure AD for developer). →

Essentials

Display name	: secret	Client credentials	: Add a certificate or secret
Application (client) ID	: 266bd23f-aa80-4973-ae83-0535e674b3ce	Redirect URIs	: Add a Redirect URI
Object ID	: 8528eaa8-66bf-449b-bbd3-33d19f7b3cde	Application ID URI	: Add an Application ID URI
Directory (tenant) ID	: 7540734b-e567-46c3-9ad3-ec9fb9e50140	Managed application in I...	: secret

Supported account types : [My organization only](#)

Welcome to the new and improved App registrations. Looking to learn how it's changed from App registrations (Legacy)? [Learn more](#)

Starting June 30th, 2020 we will no longer add any new features to Azure Active Directory Authentication Library (ADAL) and Azure Active Directory Graph. We will continue to provide technical support and security updates but we will no longer provide feature updates. Applications will need to be upgraded to Microsoft Authentication Library (MSAL) and Microsoft Graph. [Learn more](#)

Get Started Documentation

Build your application with the Microsoft identity platform

The Microsoft identity platform is an authentication service, open-source libraries, and application management tools. You can create modern, secure, and compliant applications that work with Microsoft identity.

27°C Haze 12:21 16-12-2024 ENG IN WiFi

Add a client secret

Description	Expires
secret	Recommended: 180 days (6 months)

Update application credentials

Description	Expires	Value	Secret ID
secret	6/14/2025	~3E8Q-Z5VTQOgQvweWquu7XHaGDr...	80ec71b2-0044-4168-8291-65be0a7966...

The screenshot shows the Microsoft Azure Subscriptions blade. At the top, there are several tabs and links including 'Starred', 'MakeMyLe...', 'Data E...', 'Settings', 'sairam - G...', 'Subscriptions', 'destination', 'assessment', 'My Inform...', 'New Tab', and a '+' button. Below the tabs, a search bar says 'Search resources, services, and docs (G+)'. A Copilot icon is also present. The main title is 'Microsoft Azure' with a dropdown arrow. Under 'Subscriptions', it says 'Showing subscriptions in Techademy Learning Solutions Private Limited directory. Don't see a subscription? Switch directories'. There is a search bar for 'Subscription name' and buttons for 'Subscriptions : Filtered (1 of 1)', 'My role == all', 'Status == all', and 'Add filter'. A table lists the single subscription:

Subscription name	Subscription ID	My role	Current cost	Secure Score	Parent management group	Status
MML Learners	2a3c6418-97b9-4d96-a24b-2c2d7633d375	Resource access	Unauthorized	-	Tenant Root Group	Active

The screenshot shows a terminal window titled 'azuser@hexaware: ~'. The user has run the command 'curl -sL https://aka.ms/InstallAzureCLIDeb | sudo bash' to download and install the Azure CLIDeb tool. The output of the command shows the tool connecting to the server, adding an agent, testing the connection, and then listing various packages and components being downloaded from the Azure archive. The terminal window has a dark theme and includes a taskbar at the bottom with icons for various applications like File Explorer, Edge, and File Manager.

```
Scanning for tool capabilities.
Connecting to the server.
Successfully added the agent
Testing agent connection.
Enter work folder (press enter for _work) > clear
2024-12-16 06:15:35: Settings Saved.
azuser@hexaware:~$ azuser@hexaware:~$ ./run.sh &
[1] 2741
azuser@hexaware:~$ Scanning for tool capabilities.
Connecting to the server.
2024-12-16 06:17:13Z: Listening for Jobs

azuser@hexaware:~$ curl -sL https://aka.ms/InstallAzureCLIDeb | sudo bash
Hit:1 http://azure.archive.ubuntu.com/ubuntu noble InRelease
Get:2 http://azure.archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
Get:3 http://azure.archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]
Get:4 http://azure.archive.ubuntu.com/ubuntu noble-security InRelease [126 kB]
Get:5 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64 Packages [15.0 MB]
Get:6 http://azure.archive.ubuntu.com/ubuntu noble/universe Translation-en [5982 kB]
Get:7 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64 Components [3871 kB]
Get:8 http://azure.archive.ubuntu.com/ubuntu noble/universe amd64 c-n-f Metadata [301 kB]
Get:9 http://azure.archive.ubuntu.com/ubuntu noble/multiverse amd64 Packages [269 kB]
Get:10 http://azure.archive.ubuntu.com/ubuntu noble/multiverse Translation-en [118 kB]
Get:11 http://azure.archive.ubuntu.com/ubuntu noble/multiverse amd64 Components [35.0 kB]
Get:12 http://azure.archive.ubuntu.com/ubuntu noble/multiverse amd64 c-n-f Metadata [8328 B]
Get:13 http://azure.archive.ubuntu.com/ubuntu noble-updates/main amd64 Packages [725 kB]
Get:14 http://azure.archive.ubuntu.com/ubuntu noble-updates/main Translation-en [167 kB]
Get:15 http://azure.archive.ubuntu.com/ubuntu noble-updates/main amd64 Components [181 kB]
Get:16 http://azure.archive.ubuntu.com/ubuntu noble-updates/universe amd64 Packages [926 kB]
Get:17 http://azure.archive.ubuntu.com/ubuntu noble-updates/universe Translation-en [238 kB]
Get:18 http://azure.archive.ubuntu.com/ubuntu noble-updates/universe amd64 Components [309 kB]
Get:19 http://azure.archive.ubuntu.com/ubuntu noble-updates/universe amd64 c-n-f Metadata [19.9 kB]
Get:20 http://azure.archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Packages [537 kB]
Get:21 http://azure.archive.ubuntu.com/ubuntu noble-updates/restricted Translation-en [104 kB]
Get:22 http://azure.archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Components [212 B]
Get:23 http://azure.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 Packages [16.0 kB]
Get:24 http://azure.archive.ubuntu.com/ubuntu noble-updates/multiverse Translation-en [3844 B]
Get:25 http://azure.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 Components [948 B]
Get:26 http://azure.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 c-n-f Metadata [552 B]
Get:27 http://azure.archive.ubuntu.com/ubuntu noble-backports/main amd64 Components [208 B]
```

```
azureuser@hexaware:~ % + ~
URIs: https://packages.microsoft.com/repos/azure-cli/
Suites: noble
Components: main
Architectures: amd64
Signed-by: /etc/apt/keyrings/microsoft.gpg
Hit:1 http://azure.archive.ubuntu.com/ubuntu noble InRelease
Hit:2 http://azure.archive.ubuntu.com/ubuntu noble-updates InRelease
Hit:3 http://azure.archive.ubuntu.com/ubuntu noble-backports InRelease
Hit:4 http://azure.archive.ubuntu.com/ubuntu noble-security InRelease
Get:5 https://packages.microsoft.com/repos/azure-cli noble InRelease [3564 B]
Get:6 https://packages.microsoft.com/repos/azure-cli noble/main amd64 Packages [878 B]
Fetched 4442 B in 1s (6864 B/s)
Reading package lists... Done
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following NEW packages will be installed:
  azure-cli
0 upgraded, 1 newly installed, 0 to remove and 53 not upgraded.
Need to get 54.9 MB of archives.
After this operation, 688 MB of additional disk space will be used.
Get:1 https://packages.microsoft.com/repos/azure-cli noble/main amd64 azure-cli amd64 2.67.0-1~noble [54.9 MB]
Fetched 54.9 MB in 1s (73.4 MB/s)
Selecting previously unselected package azure-cli.
(Reading database ... 67383 files and directories currently installed.)
Preparing to unpack .../azure-cli_2.67.0-1~noble_amd64.deb ...
Unpacking azure-cli (2.67.0-1~noble) ...
Setting up azure-cli (2.67.0-1~noble) ...
Scanning processes...
Scanning linux images...

Running kernel seems to be up-to-date.

No services need to be restarted.

No containers need to be restarted.

No user sessions are running outdated binaries.

No VM guests are running outdated hypervisor (qemu) binaries on this host.
azureuser@hexaware:~$
```

