Generative AI

Create a virtual machine ...

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

Create a virtual machine that runs Linux or Windows. Select an image from Azure marketplace or use your own customized image. Complete the Basics tab then Review + create to provision a virtual machine with default parameters or review each tab for full customization. Learn more ⧉

ℹ This subscription may not be eligible to deploy VMs of certain sizes in certain regions.

Project details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription * ⓘ   Azure for Students

      Resource group * ⓘ   (New) gen-rg
          Create new

Instance details

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

---

vm-1 📌 ☆ ...
Virtual machine

🔍 Search   ↻ «

🔌 Connect ∨   ▷ Start   ⟳ Restart   ☐ Stop   ⧗ Hibernate   📷 Capture   🗑 Delete   ⟳ Refresh   📱 Open in mobile   📣 Feedback   ⌨ CLI / PS

Navigation	
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∧ Essentials   JSON View

Resource group (move)	: gen-rg	Operating system	: Windows (Windows Server 2019 Datacenter)
Status	: Running	Size	: Standard D2s v3 (2 vcpus, 8 GiB memory)
Location	: East US 2	Public IP address	: 52.184.190.61
Subscription (move)	: Azure for Students	Virtual network/subnet	: vnet/subnet-1
Subscription ID	: ca5224c7-5754-4288-91aa-9ba029f2951e	DNS name	: Not configured
		Health state	: -
		Time created	: 7/21/2024, 11:18 AM UTC

Tags (edit)   : Add tags

Properties | Monitoring | Capabilities (8) | Recommendations | Tutorials

🖥 **Virtual machine**
Computer name   vm-1
Operating system   Windows (Windows Server 2019 Datacenter)
VM generation   V2

🖧 **Networking**
Public IP address   52.184.190.61 (Network interface vm-1311)
Public IP address (IPv6)   -
Private IP address   10.0.0.4

```
SUBHAM@LAPTOP-D67N4JI9 MINGW64 ~
$ cd /e

SUBHAM@LAPTOP-D67N4JI9 MINGW64 /e
$ git clone https://github.com/ap4ashutosh/Azure-GenAI-Playground
```

File Edit Selection View Go ⋯   ← →   🔍 Azure-GenAI-Playground

EXPLORER ⋯   conv_be.py 9+ ✕   conve_fe.py 3, M   simple_fe.py 3, M

∨ AZURE-GENAI-PLAYGROUND   project3 > conv_be.py > ...

> .conda   1   import PyPDF2
> project1   2   from langchain.text_splitter import RecursiveCharacterTextSplitter
∨ project3   3   from langchain.embeddings import HuggingFaceEmbeddings
  > __pycache__   4   from langchain.vectorstores import FAISS
  > extreme case   5   from langchain.memory import ConversationBufferMemory
  > vectorstore   6
    .env   7   from langchain.chains import ConversationalRetrievalChain
    conv_be.py   9+   8   import os
    conve_fe.py   3, M   9   from dotenv import load_dotenv, find_dotenv
    conversationalRag.png   10 from azure.ai.ml import MLClient
    Dockerfile   11 from azure.identity import DefaultAzureCredential
    RAG.png   12 from langchain_community.chat_models.azureml_endpoint import AzureMLChatOnlineEndpoint, CustomOpenAIChatContentFormatter
    README.md   13 from langchain.prompts import PromptTemplate
    req.txt   14
    simple_fe.py   3, M   15 load_dotenv(find_dotenv())
    .env   16
    LICENSE   17 # Fetch values from environment variables
    README.md   18 subscription_id = os.getenv("subscription_id")
    test.py   19 resource_group = os.getenv("resource_group")
                                20 workspace = os.getenv("workspace")
                                21 endpoint_url = os.getenv("endpoint_url")

PROBLEMS 17   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

```
● PS E:\Azure-GenAI-Playground> conda env list
  # conda environments:
  #
  base                     C:\Users\SUBHAM\anaconda3
                        *  e:\Azure-GenAI-Playground\.conda

● PS E:\Azure-GenAI-Playground> ls

        Directory: E:\Azure-GenAI-Playground
```

> OUTLINE
> TIMELINE

⌂ main* ↻ ⊗ 0 ⚠ 17 ⚡ 0   Ln 6, Col 1 Spaces: 4 UTF-8 CRLF Python 3.11.9 ('.conda': conda)

Recycle Bin

ENG
IN
11:56 AM
7/10/2024

Server Manager

Manage   Tools   View   Help

Add Roles and Features Wizard

Confirm installation selections

DESTINATION SERVER
lb-vm1

Before You Begin
Installation Type
Server Selection
Server Roles
Features
Web Server Role (IIS)
  Role Services
Confirmation
Results

To install the following roles, role services, or features on selected server, click Install.

☐ Restart the destination server automatically if required

Optional features (such as administration tools) might be displayed on this page because they have been selected automatically. If you do not want to install these optional features, click Previous to clear their check boxes.

Web Server (IIS)
  Management Tools
    IIS Management Console
  Web Server
    Common HTTP Features
      Default Document
      Directory Browsing
      HTTP Errors
      Static Content
    Health and Diagnostics

Export configuration settings
Specify an alternate source path

< Previous   Next >   Install   Cancel

Performance
BPA results

2 Services
Performance
BPA results

2 Services
Performance
BPA results

7/10/2024 11:48 AM

7/10/2024 11:48 AM

ENG
IN
11:57 AM
7/10/2024

File Explorer — wwwroot

File Home Share View

This PC > Windows (C:) > inetpub > wwwroot

Name	Date modified	Type	Size
__pycache__	7/21/2024 12:00 PM	File folder	
extreme case	7/21/2024 12:00 PM	File folder	
vectorstore	7/21/2024 12:00 PM	File folder	
.env	7/21/2024 10:49 A...	ENV File	1 KB
conv_be.py	7/21/2024 10:49 A...	PY File	5 KB
conve_fe.py	7/21/2024 10:49 A...	PY File	4 KB
conversationalRag	7/21/2024 10:49 A...	PNG File	91 KB
Dockerfile	7/21/2024 10:49 A...	File	1 KB
RAG	7/21/2024 10:49 A...	PNG File	320 KB
README.md	7/21/2024 10:49 A...	MD File	6 KB
req	7/21/2024 10:49 A...	Text Document	1 KB
simple_fe.py	7/21/2024 10:49 A...	PY File	3 KB

12 items

Deploy

Upload PDF(s) 📑

Choose PDF files

Drag and drop files here
Limit 200MB per file • PDF

Browse files

Hello users 🙋 this is the RAG chatbot from project Azure-GenAI-playground

Please upload and process PDFs to start the conversation.