

Email Reminder Bot (VM + Logic Apps + Outlook)

Read dynamic reminder content from an Azure VM and send it via email using Logic Apps.

The screenshot shows the Microsoft Azure portal interface. The left sidebar displays the 'Resource groups' section with a list of resource groups: DefaultResourceGroup-CID, DefaultResourceGroup-CIN, ForPractice, InventoryRG (selected), Music, and NetworkWatcherRG. The main content area shows the 'InventoryRG' resource group overview. The 'Overview' tab is active, displaying a list of resources within the group. The resources are listed in a table with columns for Name, Type, and Location. The resources are: InventoryRG (Virtual machine, East US), InventoryRG-ip (Public IP address, East US), InventoryRG-nsg (Network security group, East US), InventoryRG-vnet (Virtual network, East US), inventoryrg196_z3 (Network Interface, East US), and InventoryRG_key (SSH key, East US).

Name	Type	Location
InventoryRG	Virtual machine	East US
InventoryRG-ip	Public IP address	East US
InventoryRG-nsg	Network security group	East US
InventoryRG-vnet	Virtual network	East US
inventoryrg196_z3	Network Interface	East US
InventoryRG_key	SSH key	East US

The screenshot shows the Microsoft Azure portal interface. The left sidebar displays the 'Virtual machines' section with a list of virtual machines: InventoryRG (selected). The main content area shows the 'InventoryRG' virtual machine details. The 'Overview' tab is active, displaying a list of details for the virtual machine. The details are listed in a table with columns for Name, Type, and Location. The details are: Resource group (InventoryRG), Operating system (Linux), Size (Standard B1s (1 vcpu, 1 GiB memory)), Public IP address (20.81.42.203), Virtual network/subnet (InventoryRG-vnet/default), DNS name (Not configured), Health state (-), and Time created (4/19/2025, 6:32 PM UTC).

Name	Type	Location
InventoryRG	Virtual machine	East US

Property	Value
Resource group	InventoryRG
Operating system	Linux
Size	Standard B1s (1 vcpu, 1 GiB memory)
Public IP address	20.81.42.203
Virtual network/subnet	InventoryRG-vnet/default
DNS name	Not configured
Health state	-
Time created	4/19/2025, 6:32 PM UTC

Microsoft Azure portal showing the overview of the Logic app 'EmailReminderBot'.

Logic apps
Default Directory

Filter for any field...

Name ↑↓

- EmailReminderBot

EmailReminderBot
Logic app

Search

Run Refresh Edit Delete Disable Clone Open in mobile

Overview

- Activity log
- Access control (IAM)
- Tags
- Diagnose and solve problems
- Resource visualizer
- Development Tools
 - Logic app designer
 - Logic app code view
 - Logic app templates
- Run history
- Versions
- API connections
- Quick start guides

Essentials

Resource group (move)
NewsDigestApp

Location (move)
Central India

Subscription (move)
Azure for Students

Subscription ID
2a8d2f7b-97d6-4b24-9540-9848275dd167

Workflow URL

Definition
1 trigger, 2 actions

Status
Enabled

Runs last 24 hours
8 successful, 4 failed

Integration Account

Tags (edit)
Add tags

Get started Run history Trigger history Metrics

Page 1 of 1

Microsoft Azure portal showing the Logic app designer for 'EmailReminderBot'.

Logic apps
Default Directory

Filter for any field...

Name ↑↓

- EmailReminderBot

EmailReminderBot | Logic app designer
Logic app

Search

Run Save Discard Parameters Code view Errors

Overview

- Activity log
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Logic app flow:

```
graph TD; Recurrence[Recurrence] --> HTTP[HTTP]; HTTP --> SendEmail[Send an email V2];
```

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Microsoft Azure portal showing the Logic app designer for 'EmailReminderBot'.

The interface includes a sidebar with navigation options: Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Resource visualizer, Development Tools, Logic app designer (selected), Logic app code view, Logic app templates, Run history, Versions, API connections, and Quick start guides.

The main workspace displays the 'HTTP' trigger configuration:

- URI: `http://20.81.42.203:7000/login`
- Method: `GET`
- Headers: Enter key, Enter value
- Queries: Enter key, Enter value
- Body: Enter request content

The bottom status bar indicates: Page 1 of 1.

```
azureuser@InventoryRG: ~/Er x + v
Microsoft Windows [Version 10.0.26100.3775]
(c) Microsoft Corporation. All rights reserved.

C:\Users\abiji>ssh -i "C:\Users\abiji\.ssh\InventoryRG_key.pem" azureuser@20.81.42.203
Welcome to Ubuntu 20.04.6 LTS (GNU/Linux 5.15.0-1086-azure x86_64)

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

System information as of Mon Apr 21 13:16:13 IST 2025

System load:  0.12           Processes:            109
Usage of /:   25.5% of 28.89GB Users logged in:      0
Memory usage: 36%           IPv4 address for eth0: 10.0.0.4
Swap usage:   0%

 * Strictly confined Kubernetes makes edge and IoT secure. Learn how MicroK8s
just raised the bar for easy, resilient and secure K8s cluster deployment.

https://ubuntu.com/engage/secure-kubernetes-at-the-edge

Expanded Security Maintenance for Applications is not enabled.

8 updates can be applied immediately.
6 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable

11 additional security updates can be applied with ESM Apps.
Learn more about enabling ESM Apps service at https://ubuntu.com/esm

New release '22.04.5 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

Last login: Mon Apr 21 12:19:36 2025 from 152.58.107.84
```

```
azureuser@InventoryRG: ~/Ei x + v
New release '22.04.5 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

Last login: Mon Apr 21 12:19:36 2025 from 152.58.107.84
azureuser@InventoryRG:~$ ls
EmailReminderBot2 PersonalPortfolioAPI Project file.txt inventory-app mp3-downloader smartsystem
azureuser@InventoryRG:~$ cd EmailReminderBot2
azureuser@InventoryRG:~/EmailReminderBot2$ ls
app1.py
azureuser@InventoryRG:~/EmailReminderBot2$ python3 app1.py
* Serving Flask app 'app1'
* Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on all addresses (0.0.0.0)
* Running on http://127.0.0.1:7000
* Running on http://10.0.0.4:7000
Press CTRL+C to quit
4.188.187.109 - - [21/Apr/2025 13:17:54] "GET /login HTTP/1.1" 200 -
152.58.107.92 - - [21/Apr/2025 13:18:13] "GET / HTTP/1.1" 302 -
152.58.107.92 - - [21/Apr/2025 13:18:14] "GET /login HTTP/1.1" 200 -
152.58.107.92 - - [21/Apr/2025 13:18:14] "GET /favicon.ico HTTP/1.1" 404 -
152.58.107.92 - - [21/Apr/2025 13:18:31] "POST /login HTTP/1.1" 302 -
152.58.107.92 - - [21/Apr/2025 13:18:31] "GET /reminder HTTP/1.1" 200 -
152.58.107.92 - - [21/Apr/2025 13:19:52] "GET /login HTTP/1.1" 200 -
152.58.107.92 - - [21/Apr/2025 13:20:27] "GET / HTTP/1.1" 302 -
152.58.107.92 - - [21/Apr/2025 13:20:28] "GET /login HTTP/1.1" 200 -
152.58.107.92 - - [21/Apr/2025 13:20:38] "POST /login HTTP/1.1" 302 -
152.58.107.92 - - [21/Apr/2025 13:20:38] "GET /reminder HTTP/1.1" 200 -
152.58.107.92 - - [21/Apr/2025 13:21:22] "GET /login HTTP/1.1" 200 -
152.58.107.92 - - [21/Apr/2025 13:21:27] "POST /login HTTP/1.1" 200 -
152.58.107.92 - - [21/Apr/2025 13:21:36] "POST /login HTTP/1.1" 302 -
152.58.107.92 - - [21/Apr/2025 13:21:36] "GET /admin HTTP/1.1" 200 -
152.58.107.92 - - [21/Apr/2025 13:22:12] "POST /admin HTTP/1.1" 200 -
152.58.107.92 - - [21/Apr/2025 13:22:18] "GET /reminder HTTP/1.1" 200 -
```

1:20 * ...

158 KB/s 4G+ 83



Logical app Email remainder



Inbox



ANKIT DEBNATH 1:17 PM

to ruppagiri116@gmail... ▾



Upcoming Reminder



A meeting is scheduled after 1 hour

Stay prepared and check your calendar!

Click here for meeting link : <http://20.81.42.203:7000>

Joining credentials :

Username - user

Password - pass



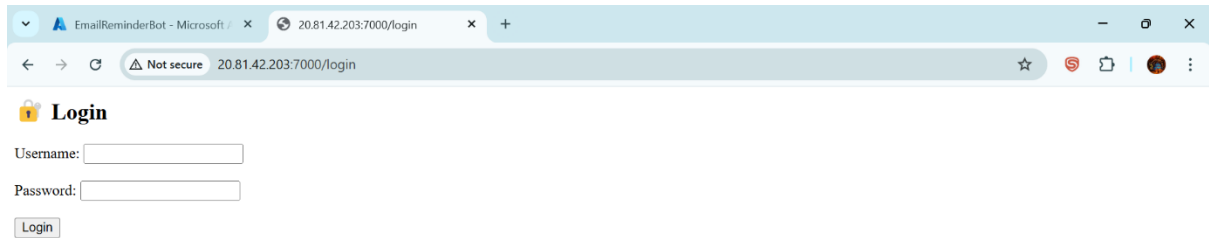
▼ Reply all



For Client Login –

Username – user

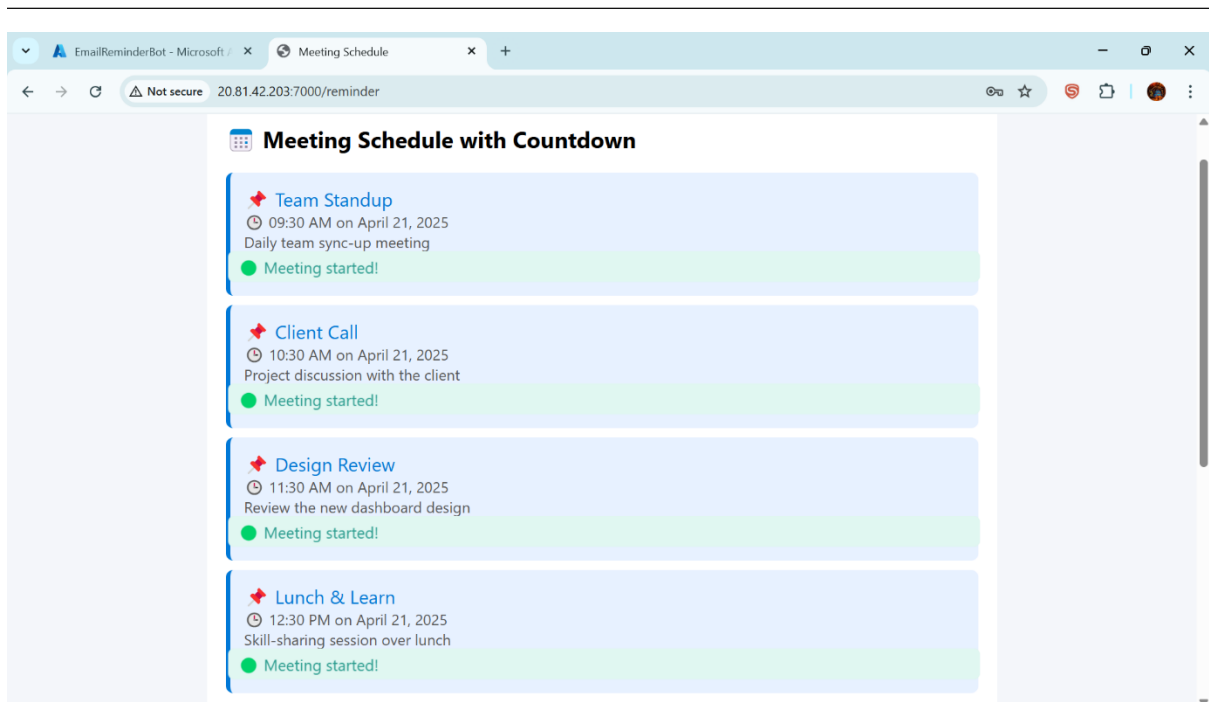
Password – pass



Login

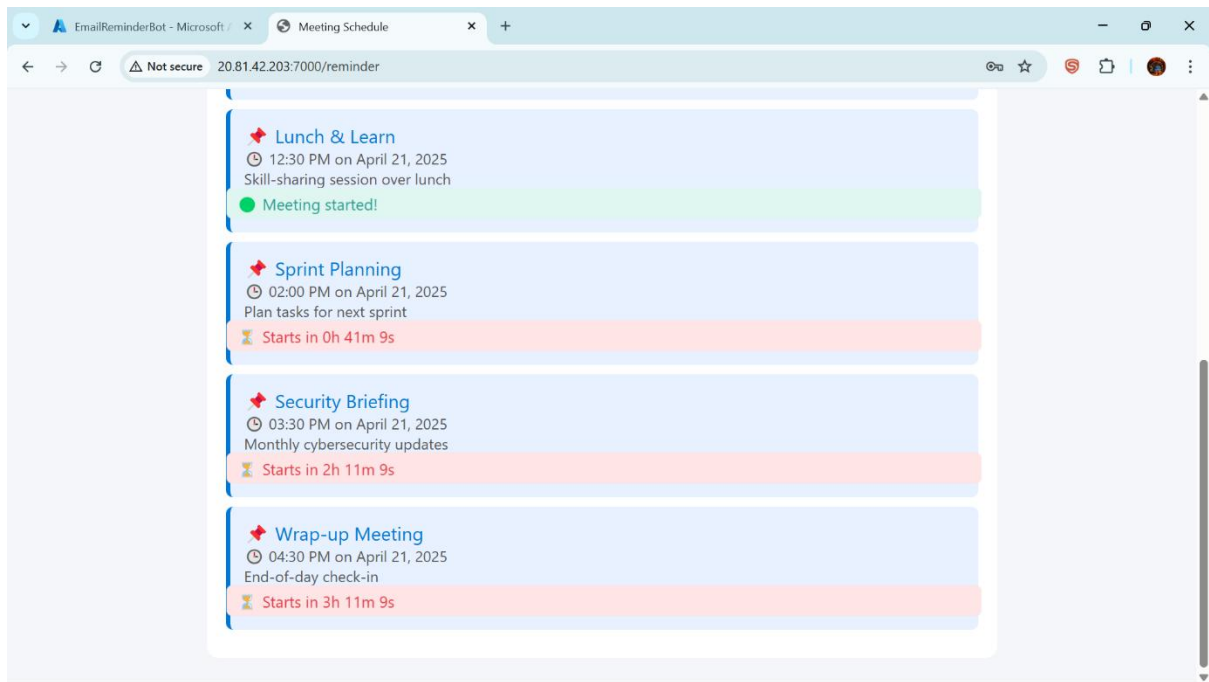
Username:

Password:



Meeting Schedule with Countdown

- Team Standup**
09:30 AM on April 21, 2025
Daily team sync-up meeting
Meeting started!
- Client Call**
10:30 AM on April 21, 2025
Project discussion with the client
Meeting started!
- Design Review**
11:30 AM on April 21, 2025
Review the new dashboard design
Meeting started!
- Lunch & Learn**
12:30 PM on April 21, 2025
Skill-sharing session over lunch
Meeting started!



For Admin Login –

Username – admin

Password – admin

After logging in as an admin, you can add unique meeting links for each individual meeting.

EmailReminderBot - MicrosoftMeeting Schedule

Not secure20.81.42.203:7000/reminder

Meeting Schedule with Countdown

Team Standup

09:30 AM on April 21, 2025

Daily team sync-up meeting

Join Meeting

Meeting started!

Client Call

10:30 AM on April 21, 2025

Project discussion with the client

Meeting started!

Design Review

11:30 AM on April 21, 2025

Review the new dashboard design

Meeting started!

Lunch & Learn

12:30 PM on April 21, 2025