Automating Security with a Chat Interface

By Jonas De Weerdt

You don’t need a reason to help people

CyberArk Identity Flows

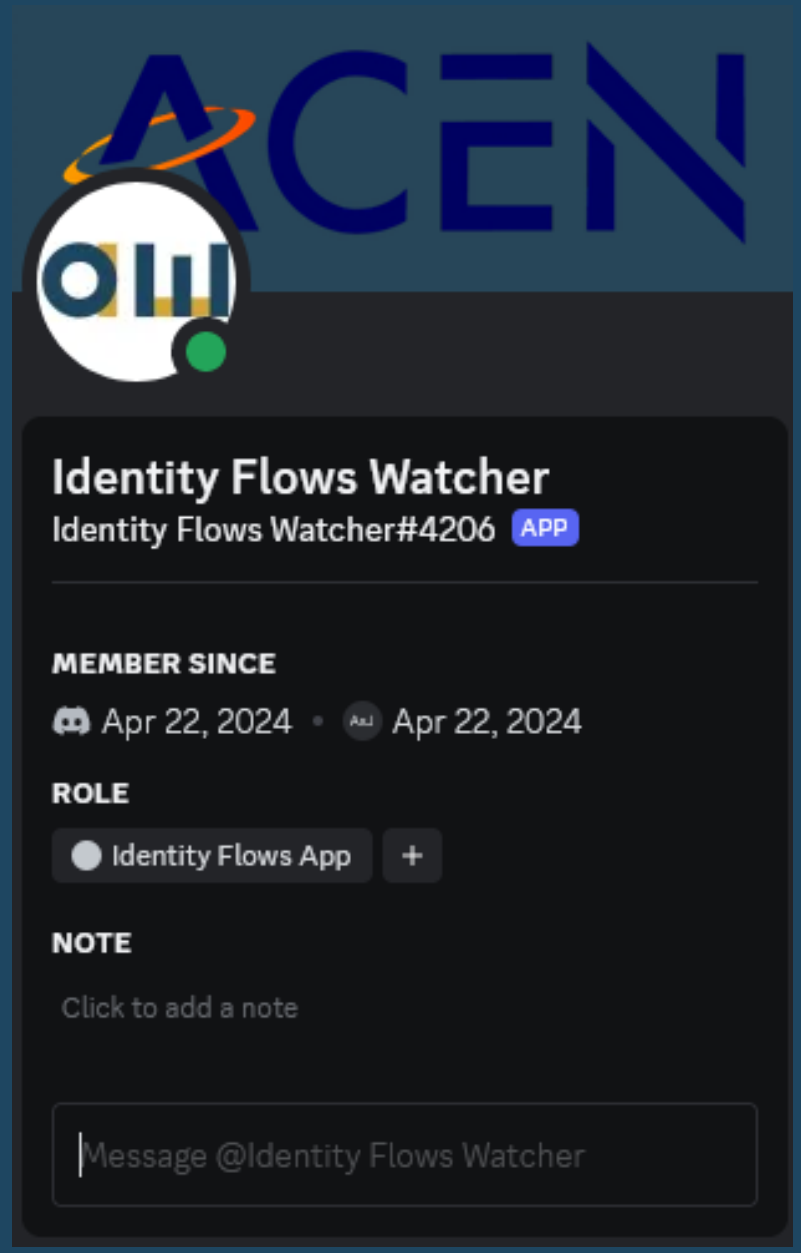
- Low-code
- Automation
- No developer skills required

Chat interface

- Slack
  - Events API
  - Flows not up-to-date
- Discord
  - Discord bot
  - Channel webhook

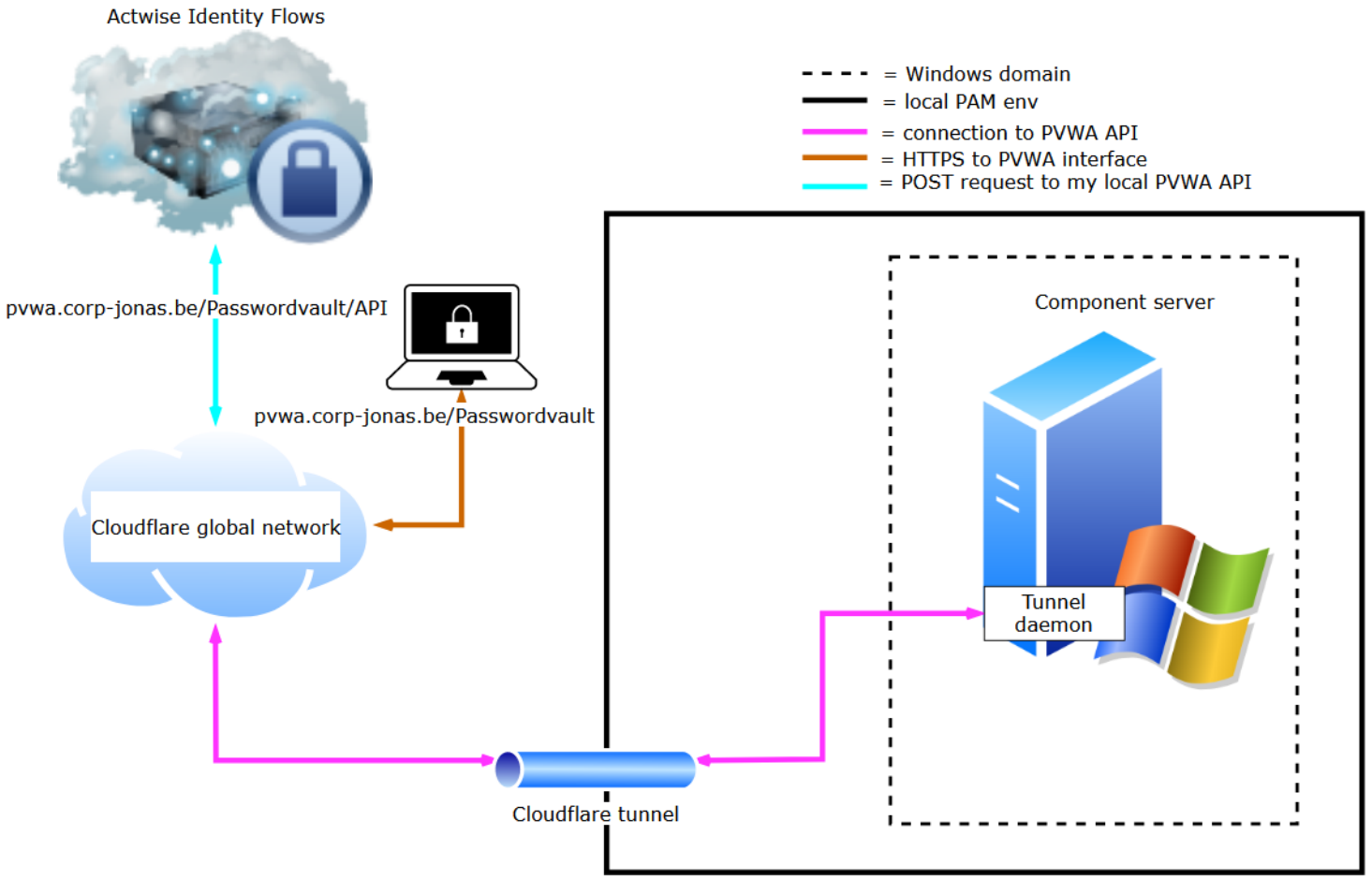
Chat interface + Flows

- Discord bot
- Python code
  - Required to read live updates in chat
  - Reads and processes messages
- Code runs locally



Local PAM+ Flows

- Cloudflare Tunnel
- Tunnel Deamon PVWA
- Flows makes API calls



User Cases

01
Confirming request

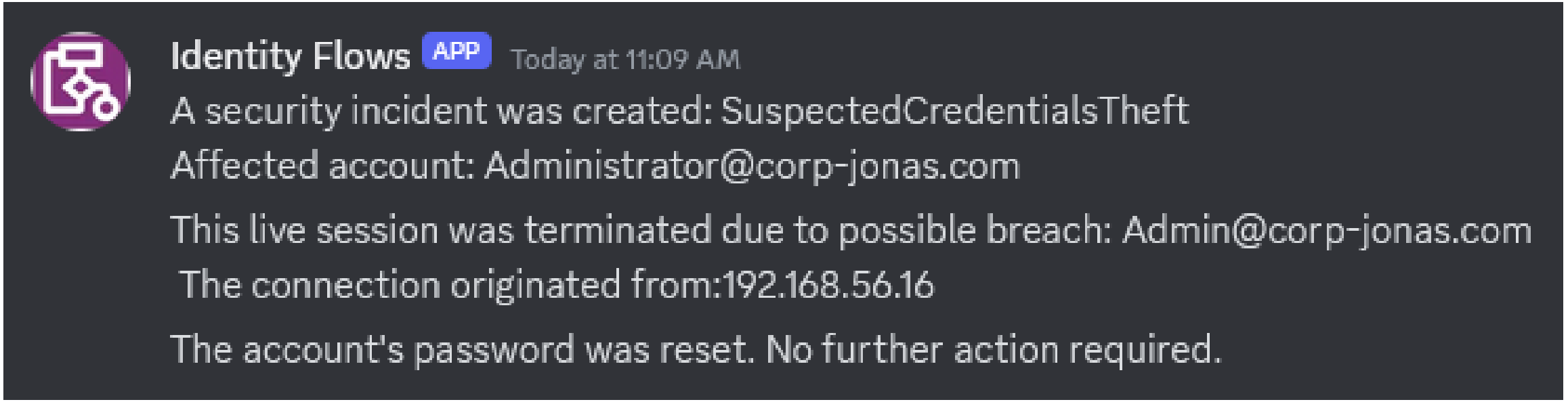
02
Panic button

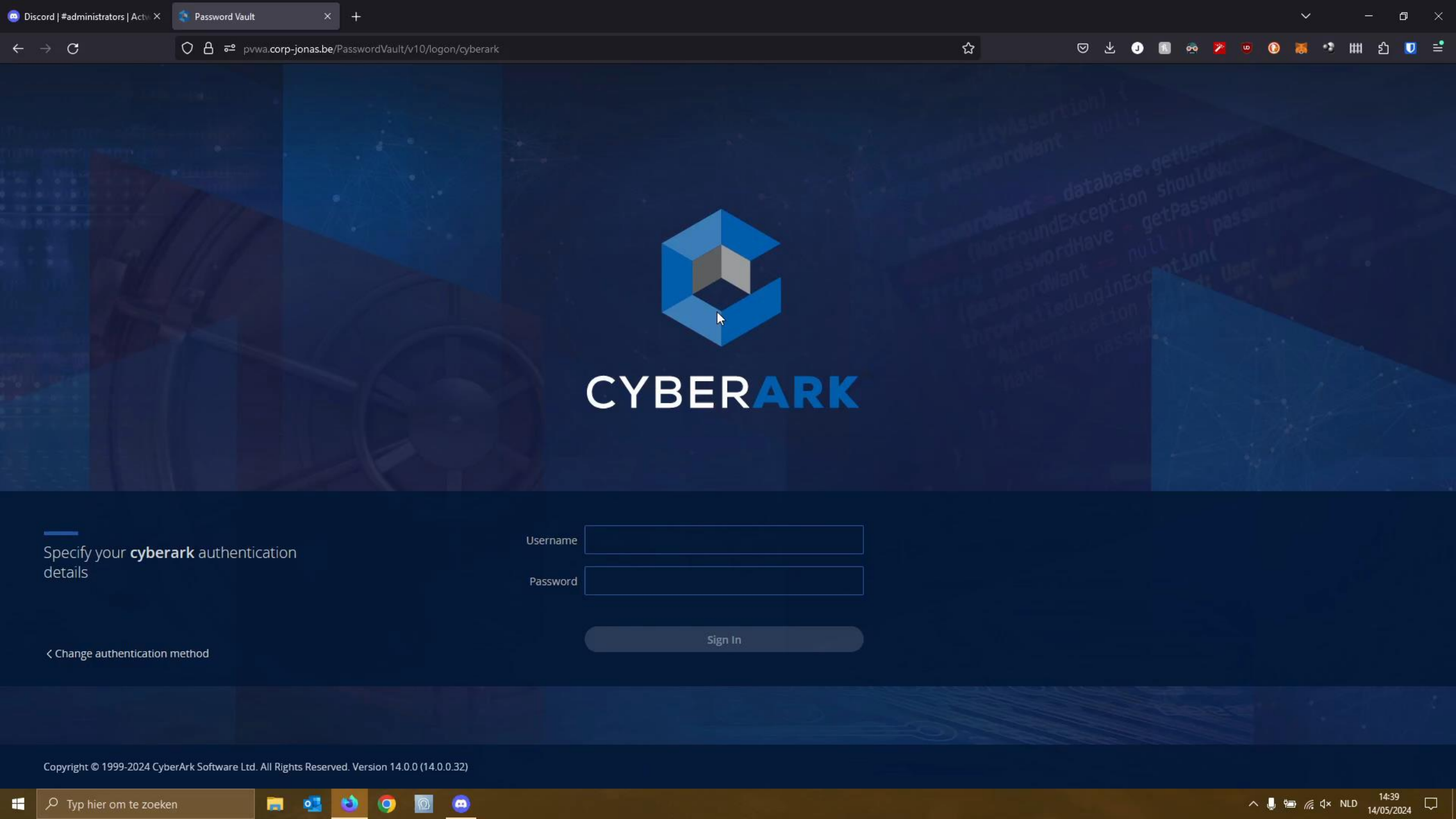
03
Password recovery

04
Temporary access

05
Suspicious activity detection

Suspicious Activity Detection




Discord | #administrators | Act
Password Vault
pvwa.corp-jonas.be/PasswordVault/v10/logon/cyberark
CYBERARK
Specify your cyberark authentication details
Username
Password
Sign In
Change authentication method
Copyright © 1999-2024 CyberArk Software Ltd. All Rights Reserved. Version 14.0.0 (14.0.0.32)
Typ hier om te zoeken
NLD
14:39
14/05/2024

Conclusion

- Local env on public internet
- Learned a lot about local PAM
- Identity Flows is more tailored to CyberArk Identity Management

Thanks for listening

Time for questions