PRESENTATION

NETWORK SECURITY CN 321

MOBILE APPLICATION PROMPT OAN

INTRODUCTION

PROMPT OAN APPLICTON

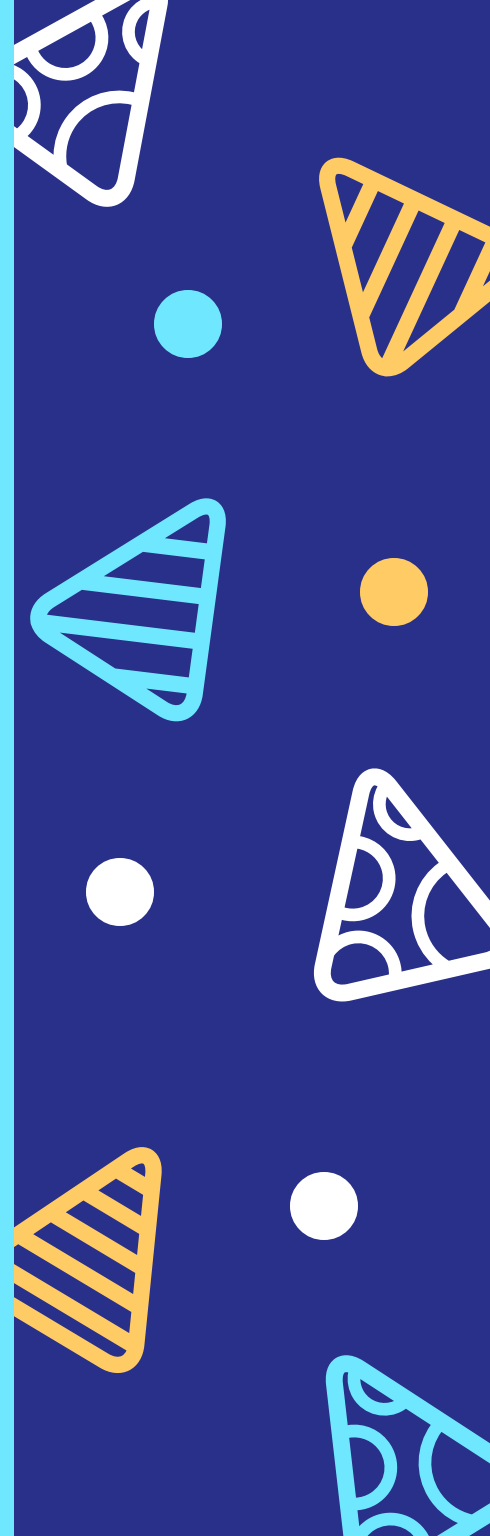
"Prompt Oan" is an application that user can transfer money to another user by scan QR code. This application is on Heroku platform as a service that give resource server and network security to the application.

01

FIREWALL

Firewalls are utilized to restrict access to systems from external networks and between systems internally.

Host-based firewalls also provide the ability to further limit inbound and outbound connections as needed.



02

DDOS MITIGATION

Our infrastructure provides DDoS mitigation techniques including TCP Syn cookies and connection rate limiting in addition to maintaining multiple backbone connections and internal bandwidth capacity that exceeds the Internet carrier supplied bandwidth.

03

SPOOFING AND SNIFFING PROTECTIONS

Managed firewalls prevent IP, MAC, and ARP spoofing on the network and between virtual hosts to ensure spoofing is not possible.

Heroku utilizes application isolation, operating system restrictions, and encrypted connections to further ensure risk is mitigated at all levels.

04 PORT SCANNING

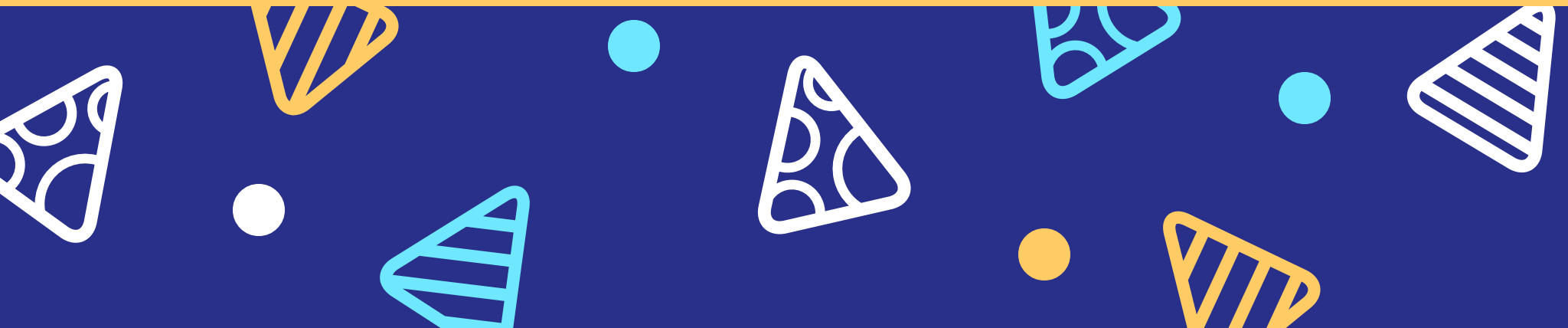
Port scanning is prohibited and every reported instance is investigated by our infrastructure provider. When port scans are detected, they are stopped and access is blocked.

05 IP INVESTIGATOR

Check if an IP address is hosting Proxies, Bots or Malware.

Detect Scanners and Malicious Spiders

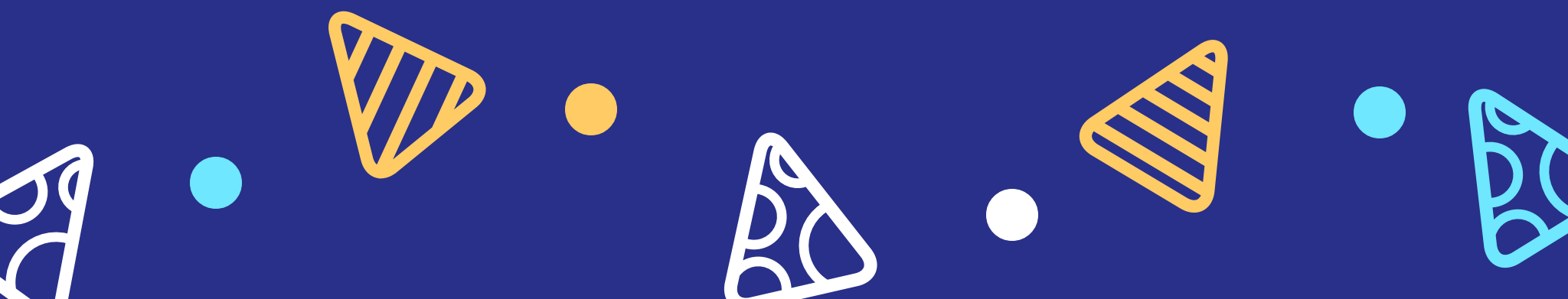
Block known spam bots, comment spammers, referral spammers, and exploit scanners.



06

VPN OF HEROKU

Heroku applications can now be bound to other applications, VPNs, or even behind the firewall deployments. With the Trusted IP feature, IP ranges that can access your applications can easily be specified.



CONCLUSION

This application get network security from Heroku but it have some feature that we can improve in the future such as OTP for two factor authentication that will make this application more security

THANKS!

LET'S PLAY ON
PROMPTOAN.HEROKUAPP.COM