



TẬP ĐOÀN BƯU CHÍNH VIỄN THÔNG VIỆT NAM  
VIETNAM POSTS AND TELECOMMUNICATIONS GROUP

# DDoS and Botnet mitigation in VNPT

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ANM – VNPT Net



Cuộc sống đích thực

# Agenda

DDoS attack: A brief introduction

DDoS: The victims

DDoS and Botnet mitigation in VNPT

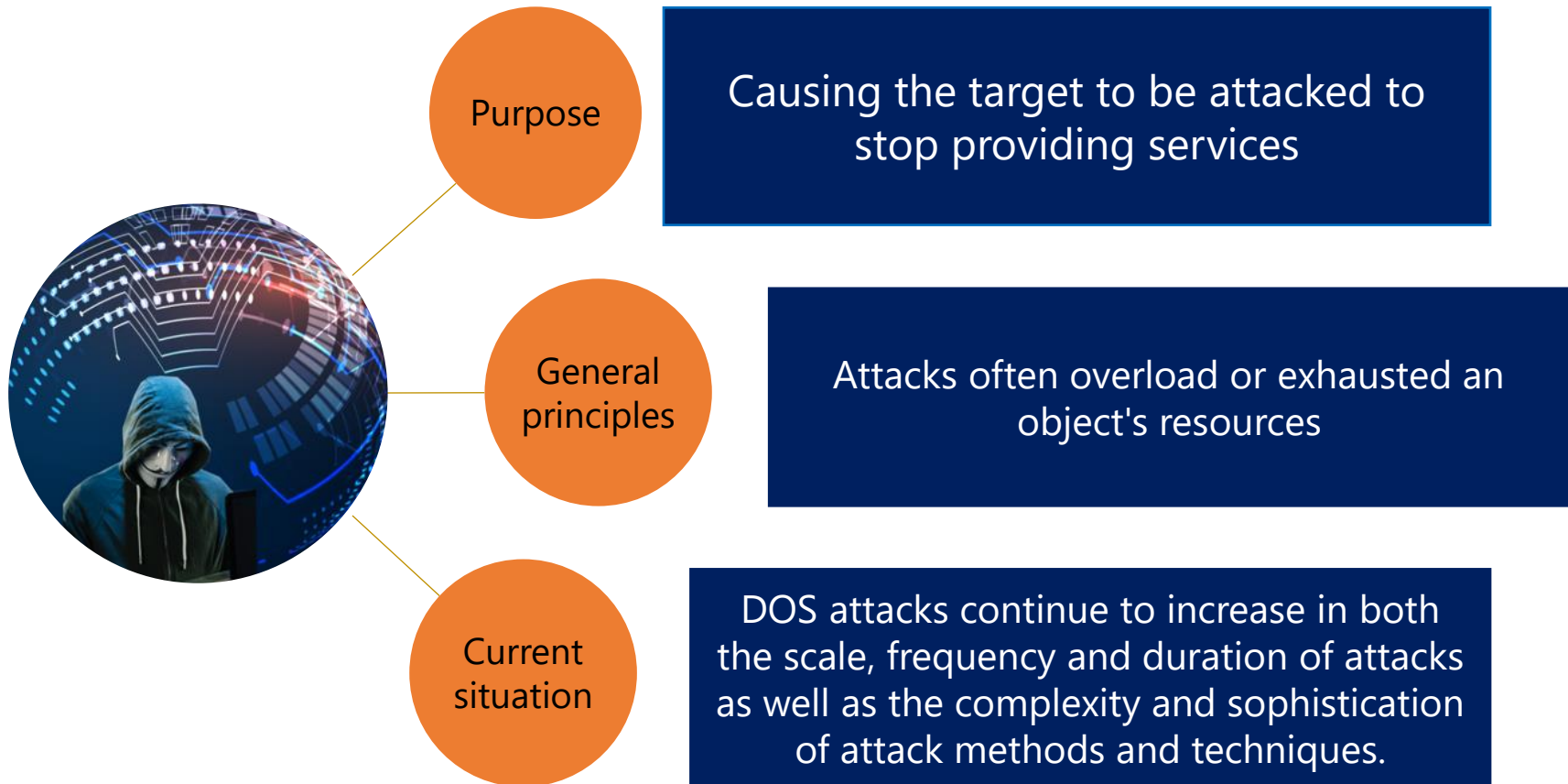
- Detection

- Mitigation Techniques

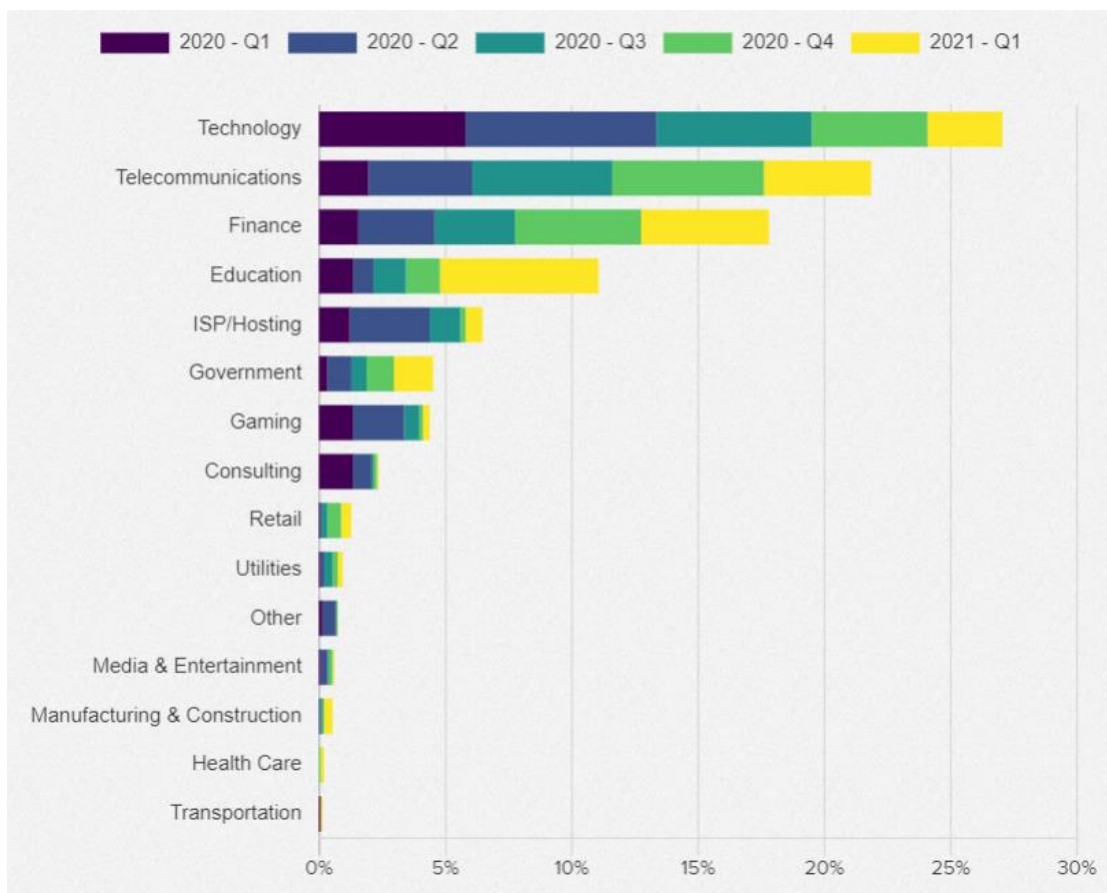
Q&A



# DDoS attack: A brief introduction

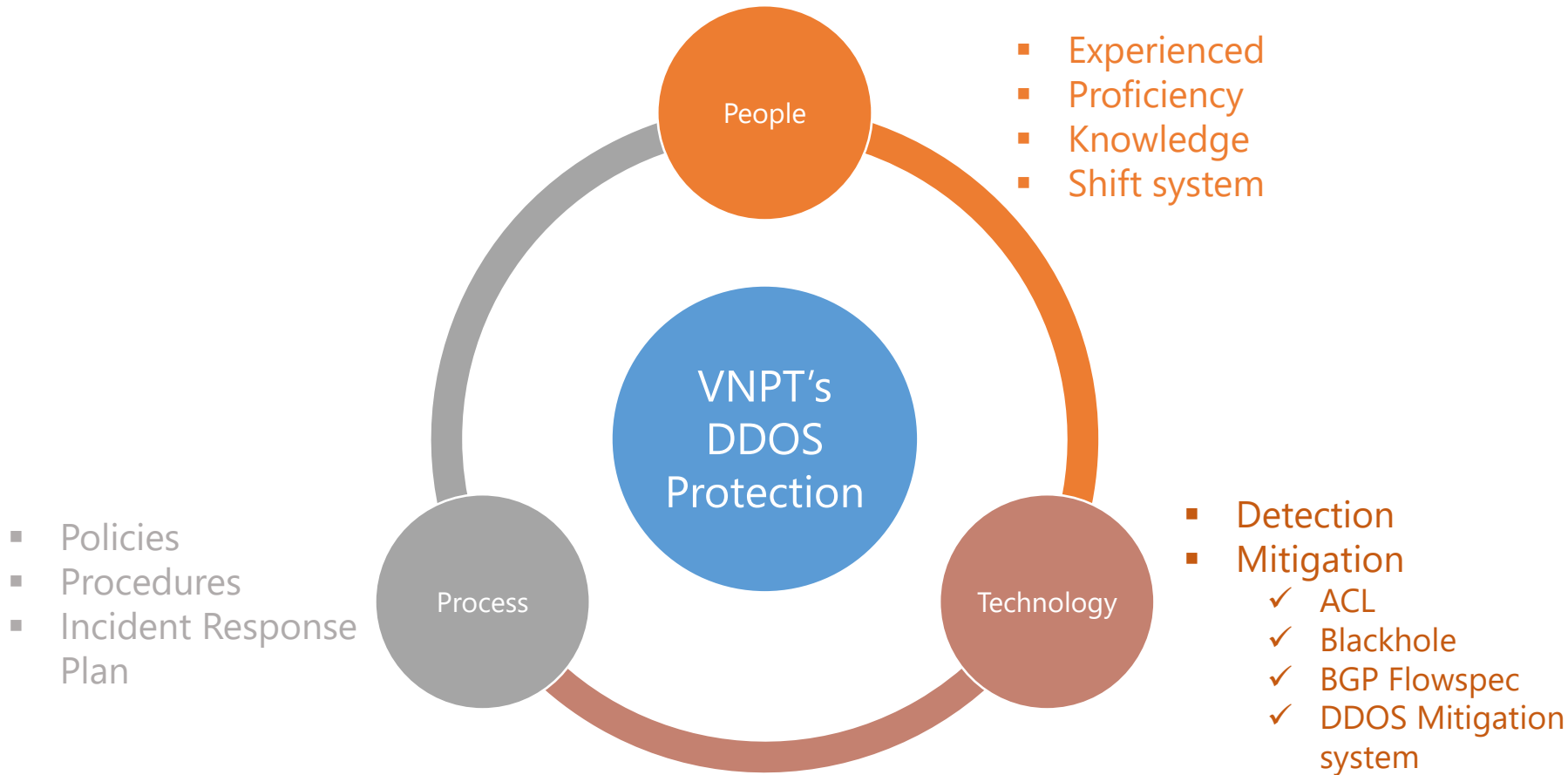


# DDoS: The victims

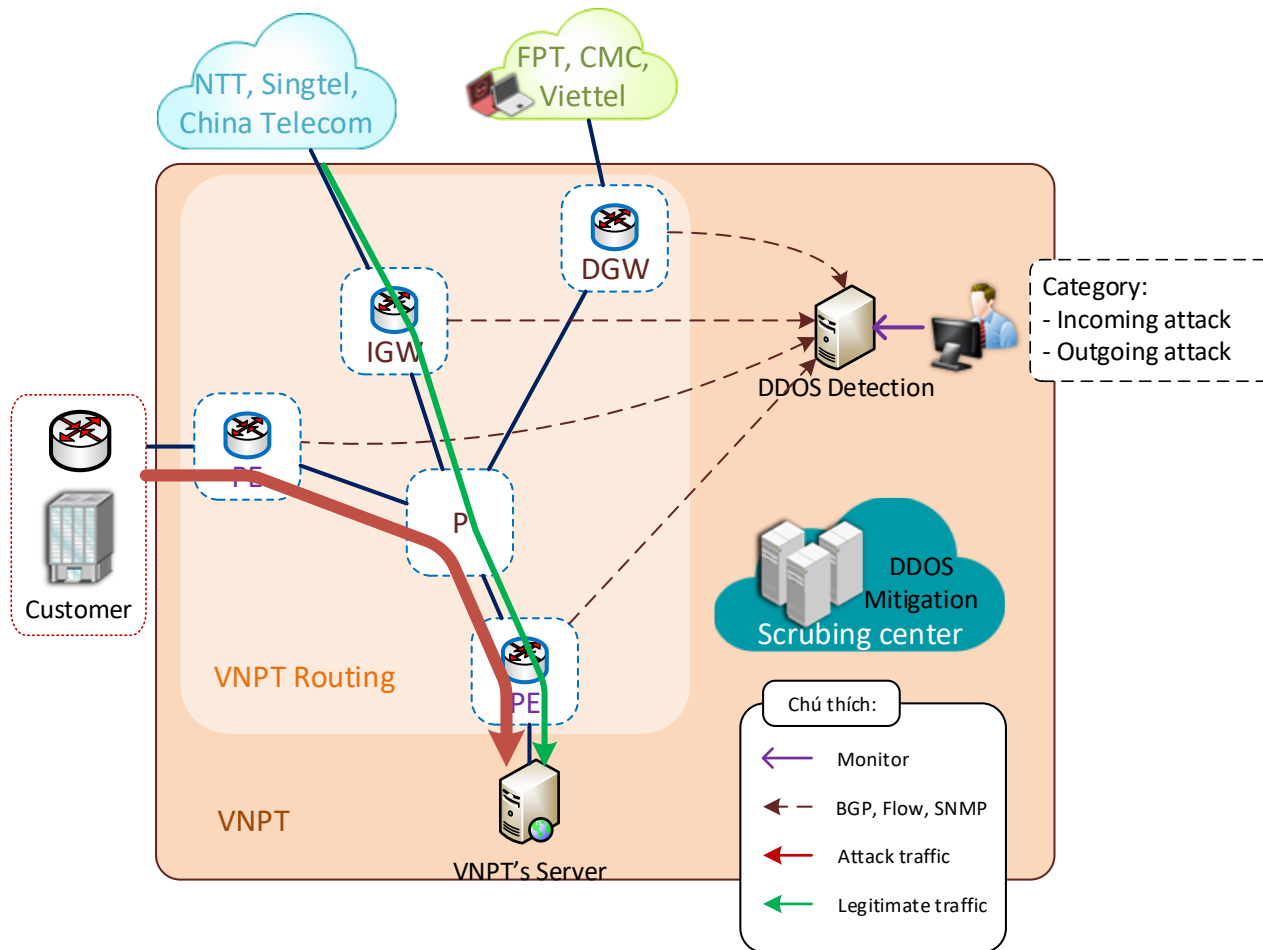


<https://www.f5.com/labs/articles/threat-intelligence/ddos-attack-trends-for-2020>

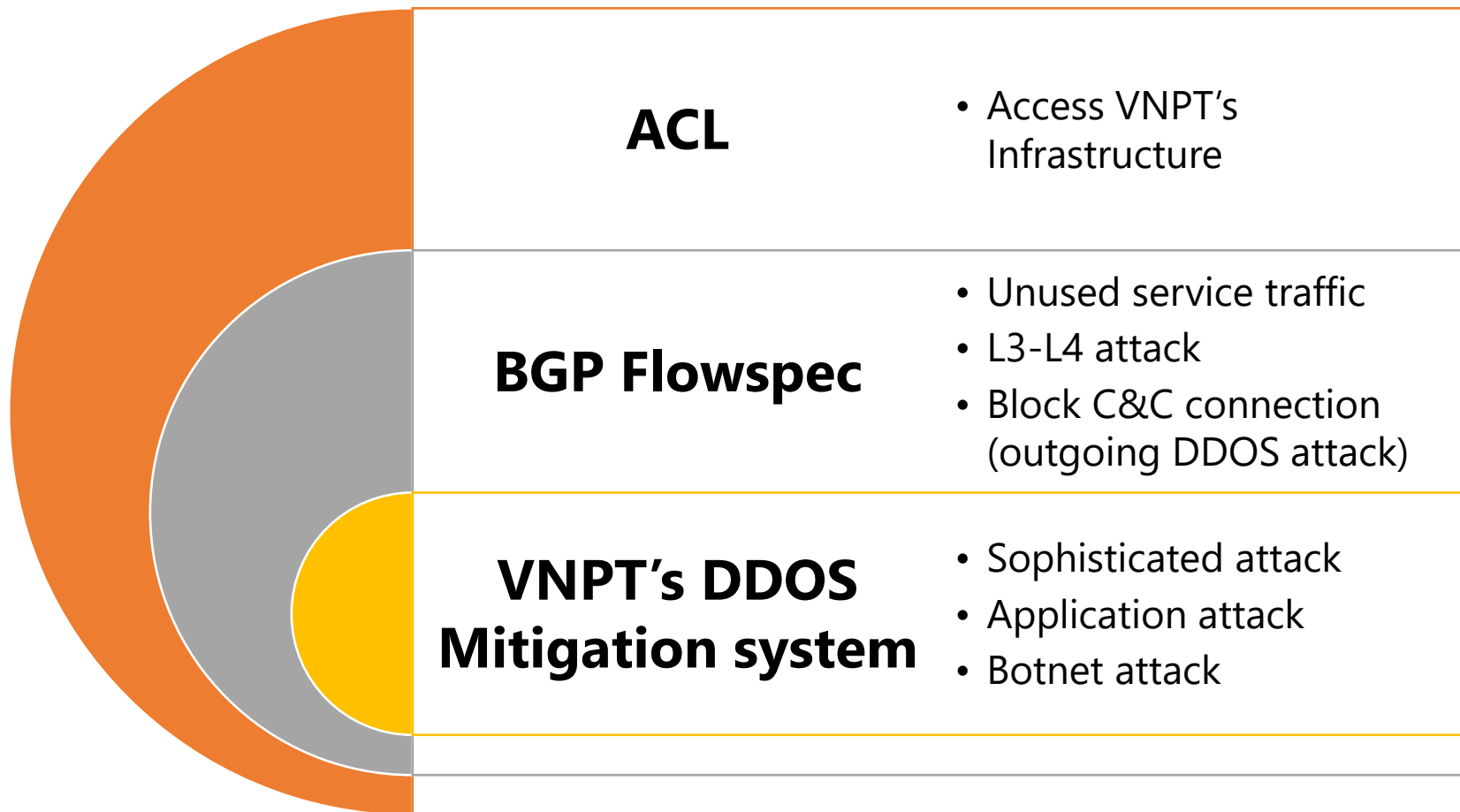
# DDoS and Botnet mitigation in VNPT



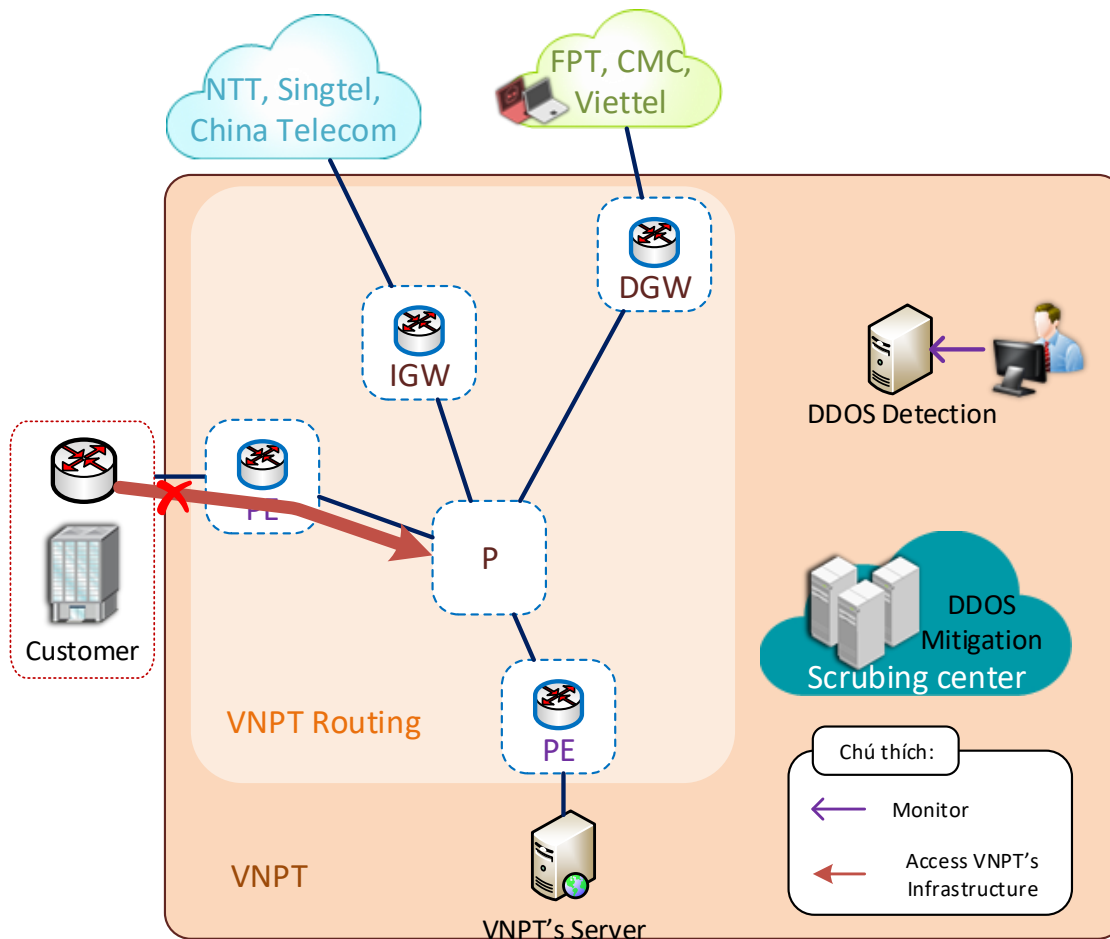
# DDOS Detection



# Mitigation Techniques

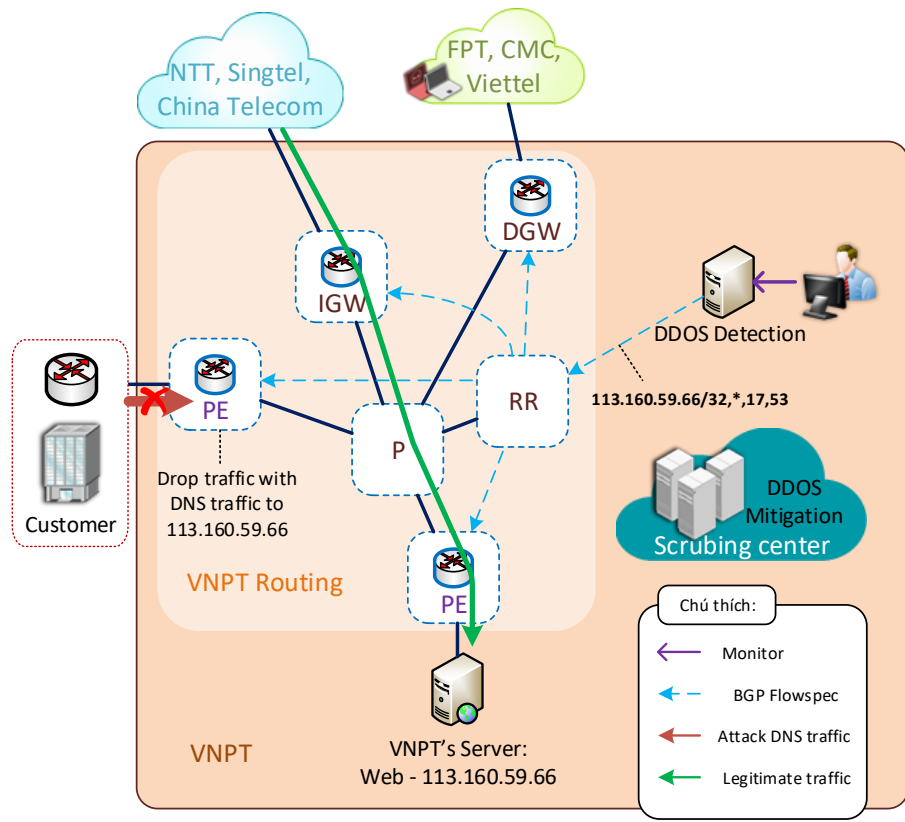
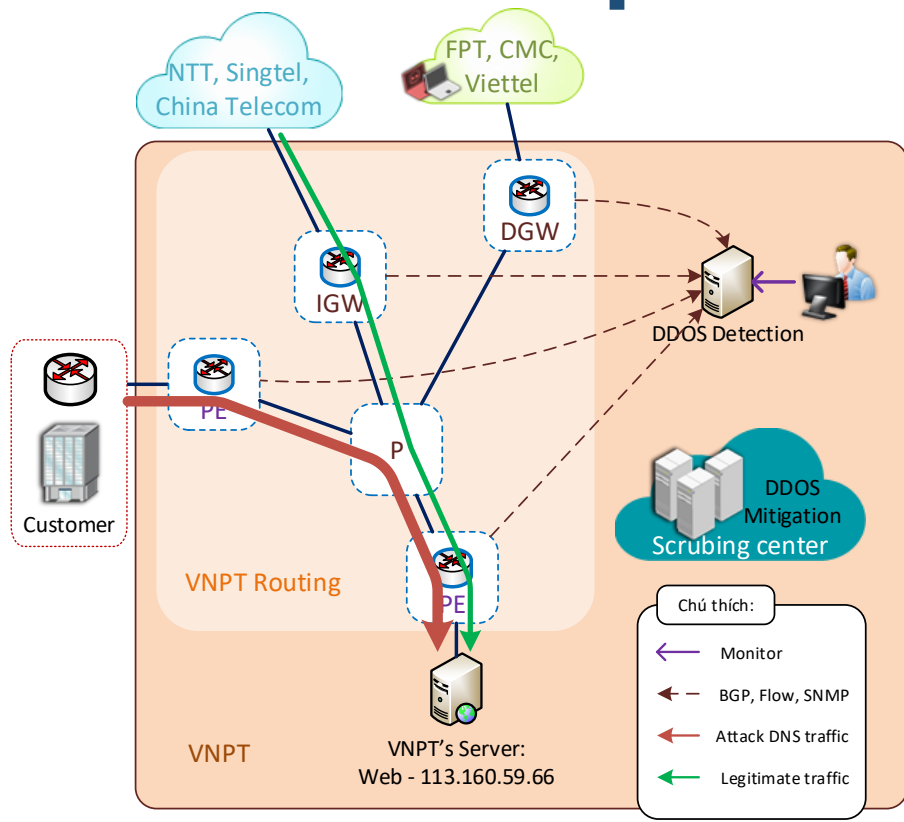


# ACL

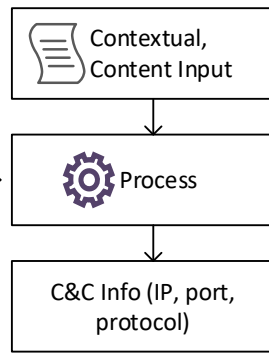
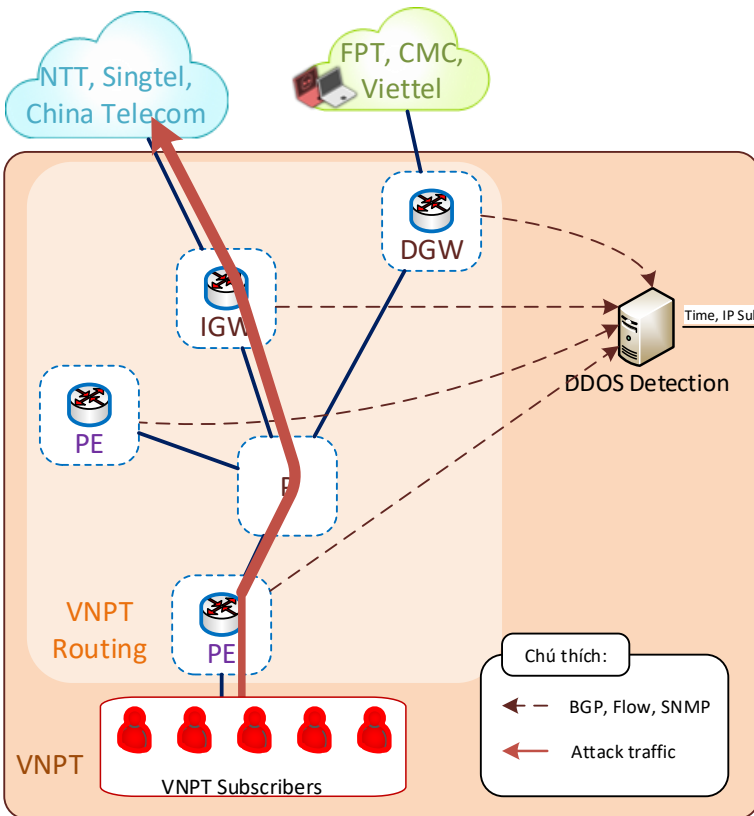




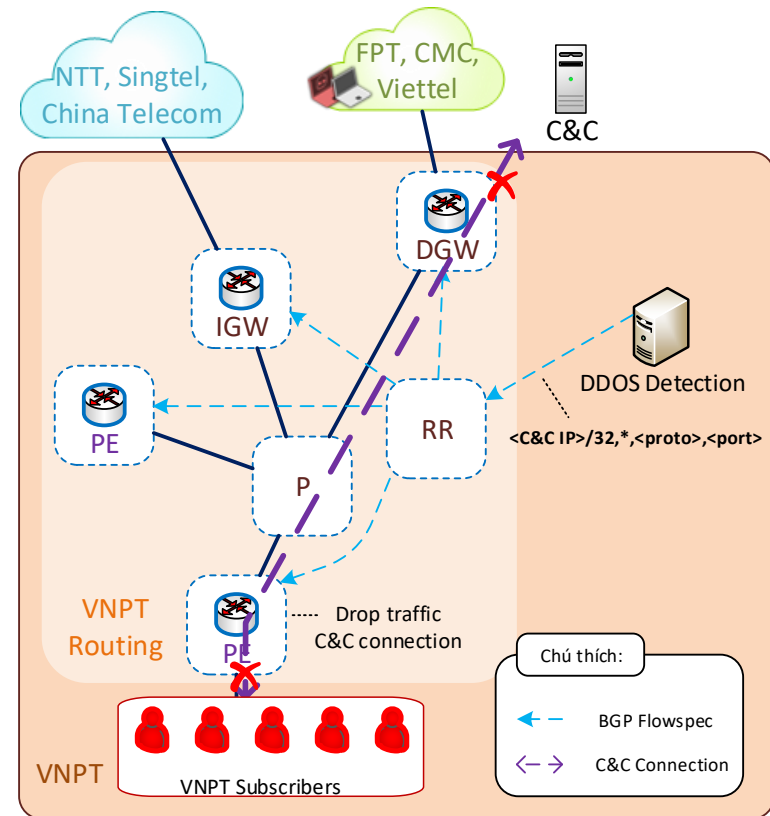
# BGP Flowspec



# BGP Flowspec (Outgoing attacks)



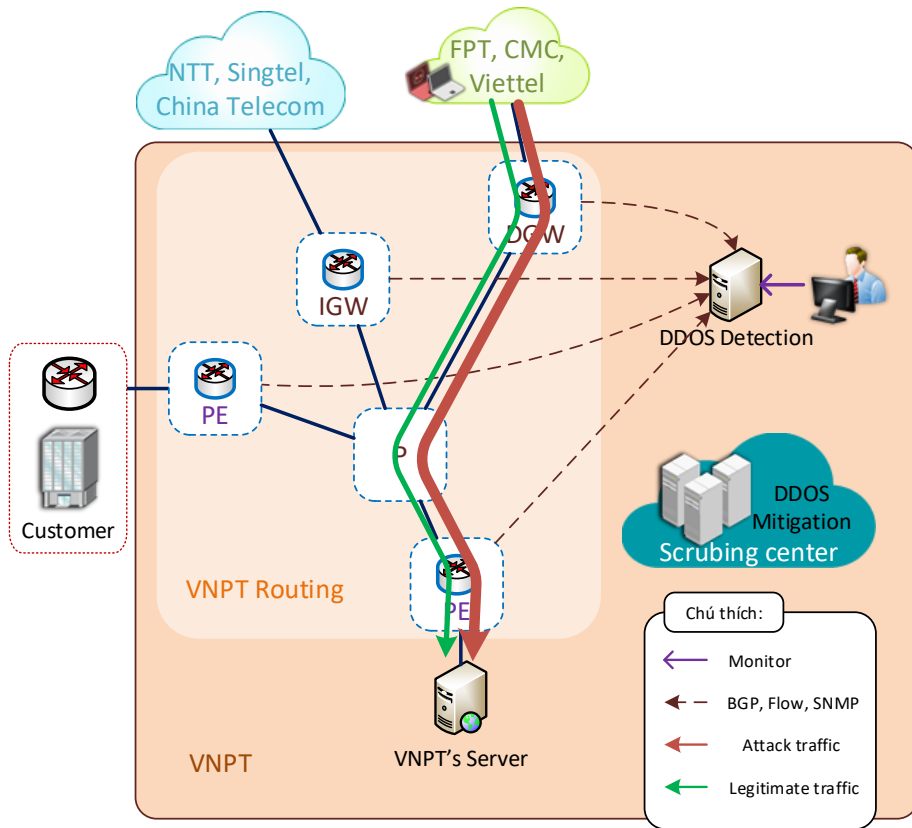
Detect C&C Server



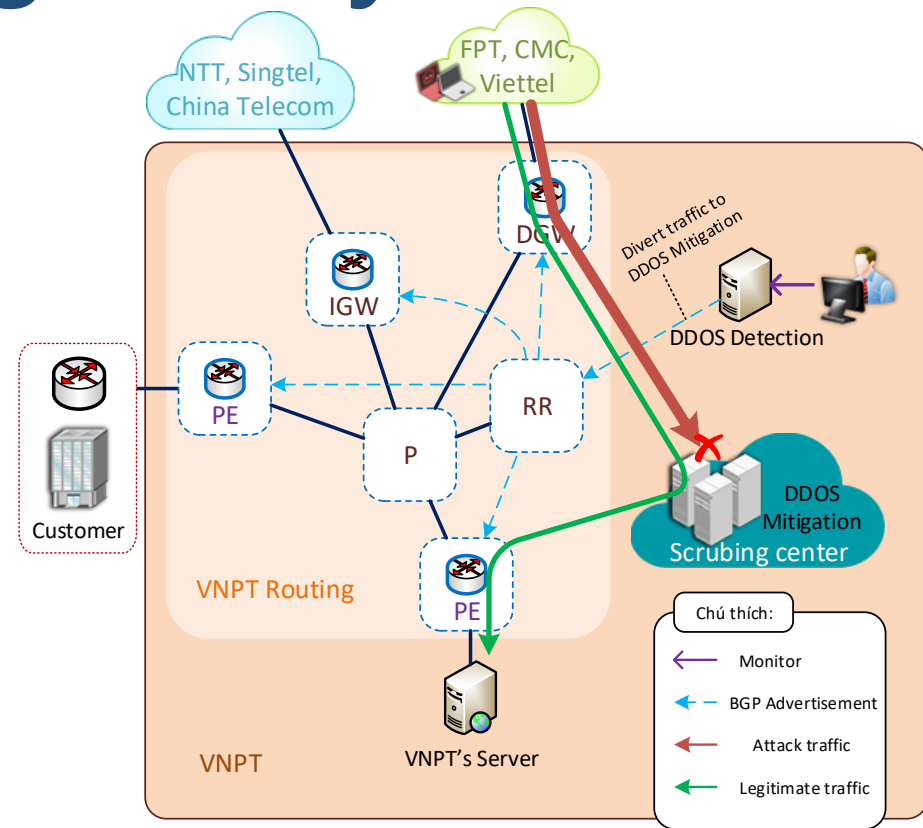
Block C&C connections using BGP flowspec



# VNPT's DDoS Mitigation system



Detection



VNPT's DDoS system

# Q&A

