Bypassing Netskope for improved performance

Method-1 (Sample Configuration): Bypassing using Custom Firewall Application

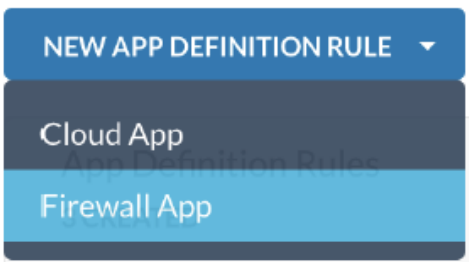
If the exception traffic destination IP address/subnet/CIDR (or) Domains, protocol (TCP, UDP) and ports are available then this method is preferable.

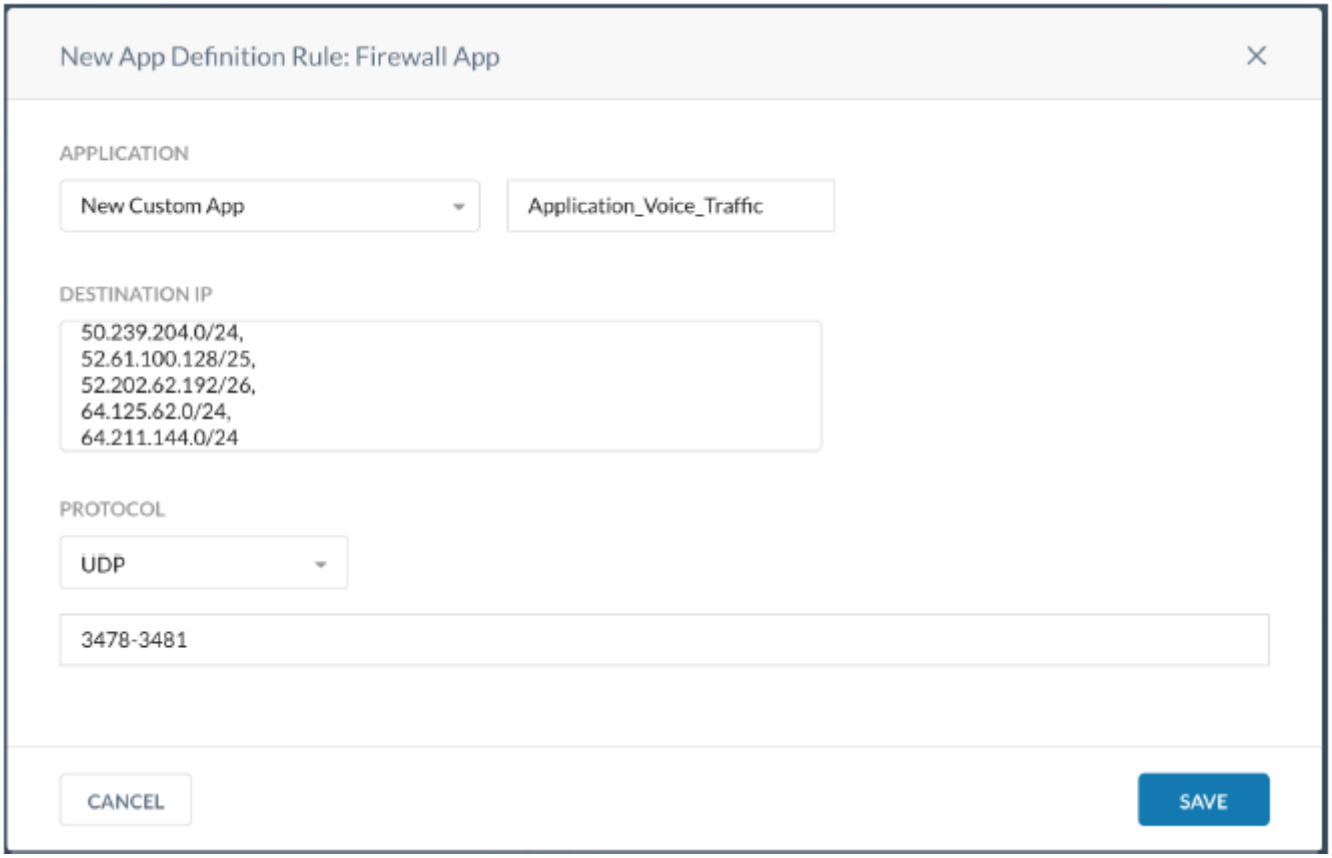
Important notes:

- In the firewall application definition, it is recommended to configure fine grained custom application rules including IP address/Domains, protocol and ports specific to voice/video traffic.
- For IPSec/GRE GW steering methods, we recommend customers to configure equivalent bypass rules in access gateways in their client network.
- If FQDN/PQDN is used in custom firewall applications, then we need to make sure to send DNS traffic also through the cloud firewall so that the firewall can be aware of IP to domain mapping. This is needed only for IPSec/GRE GW steering methods and customers can’t configure bypass rules in their access gateways.

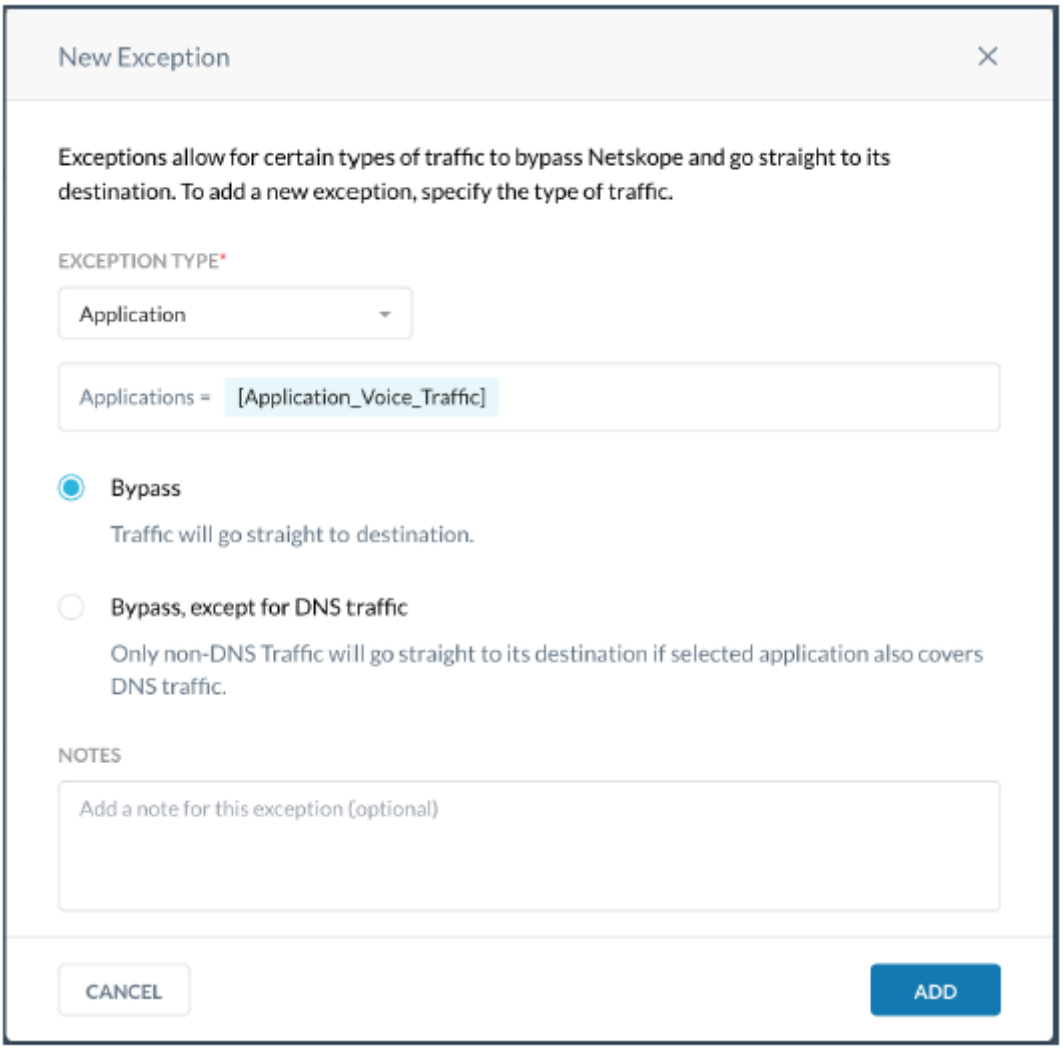
Configuration Steps:

1. Create the Custom Firewall Application in Settings > Security Cloud Platform > TRAFFIC STEERING > App Definition with IP addresses/FQDN, Protocols (TCP, UDP) and ports





2. Add the custom application to New Application exception in Settings > Security Cloud Platform > TRAFFIC STEERING > Steering Configuration page



Address	Protocol	Ports	Is Bypass Required

3.238.83.128/25, 3.251.93.0/26, 3.133.18.38/32, 3.135.139.181/32, 13.51.179.176/32, 13.228.200.40/32, 52.76.233.79/32, 52.221.167.63/32, 54.253.118.63/32, 54.253.248.99/32, 54.253.250.85/32, 54.253.254.161/32, 54.254.43.153/32, 165.75.5.0/24	TCP	443,1720,1935,5060-5061,30000-50000	Yes
"204.141.11.0/24", "204.141.12.0/24", "204.141.217.0/24"	TCP	443, 80, 8080	No
3.238.83.128/25, 3.251.93.0/26, 3.133.18.38/32, 3.135.139.181/32, 13.51.179.176/32, 13.228.200.40/32, 52.76.233.79/32, 52.221.167.63/32, 54.253.118.63/32, 54.253.248.99/32, 54.253.250.85/32, 54.253.254.161/32, 54.254.43.153/32, 165.75.5.0/24	UDP	443,1719,5060,40000-50000	Yes

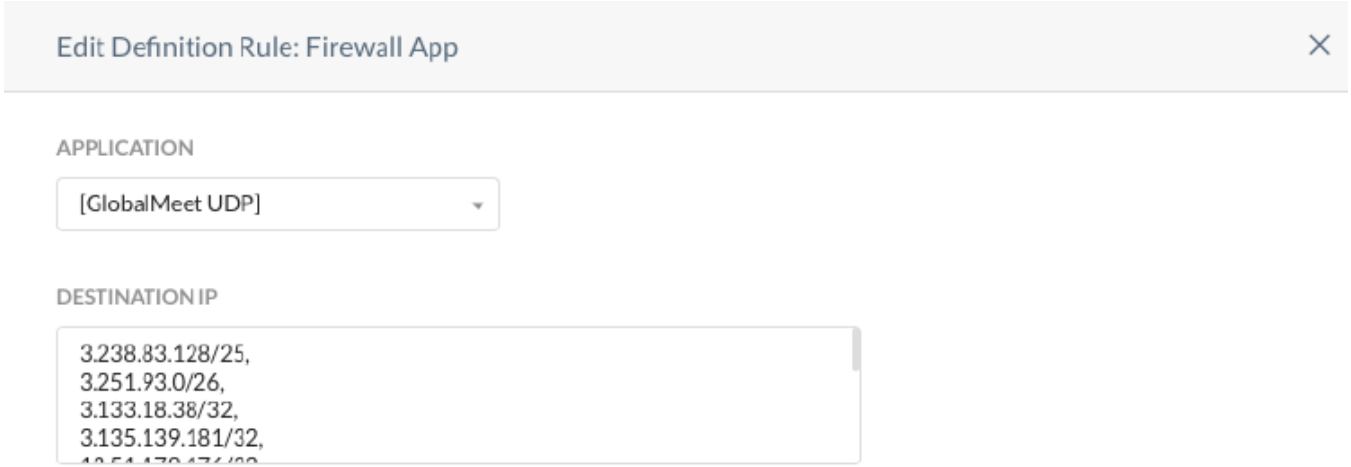
"204.141.11.0/24", "204.141.12.0/24", "204.141.217.0/24"	UDP	443, 80, 8080	No
204.141.12.0/24 3.251.93.0/26 13.228.200.40/32 54.254.43.153/32 52.206.127.180/32 34.192.154.13/32	TCP	443, 40000-50000	Yes
204.141.12.0/24 3.251.93.0/26 13.228.200.40/32 54.254.43.153/32 52.206.127.180/32 34.192.154.13/32	UDP	443, 40000-50000	Yes

Configuration Steps

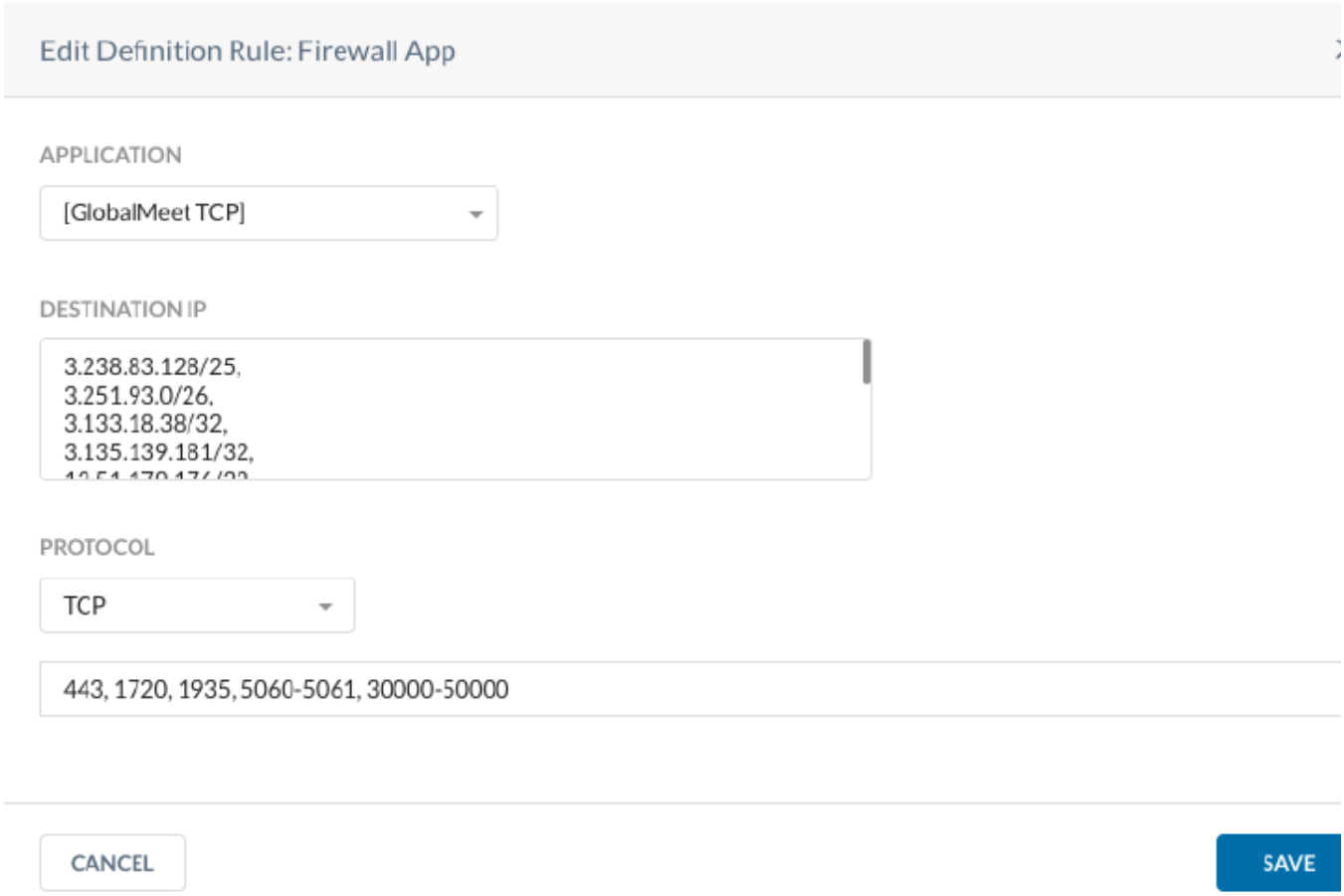
We will configure GlobalMeet voice traffic bypass using Custom Firewall Application (Method-1).

1. Create the 2 Custom Firewall Applications in Settings > Security Cloud Platform > TRAFFIC STEERING > App Definition with IP addresses/FQDN, Protocols (TCP, UDP) and ports

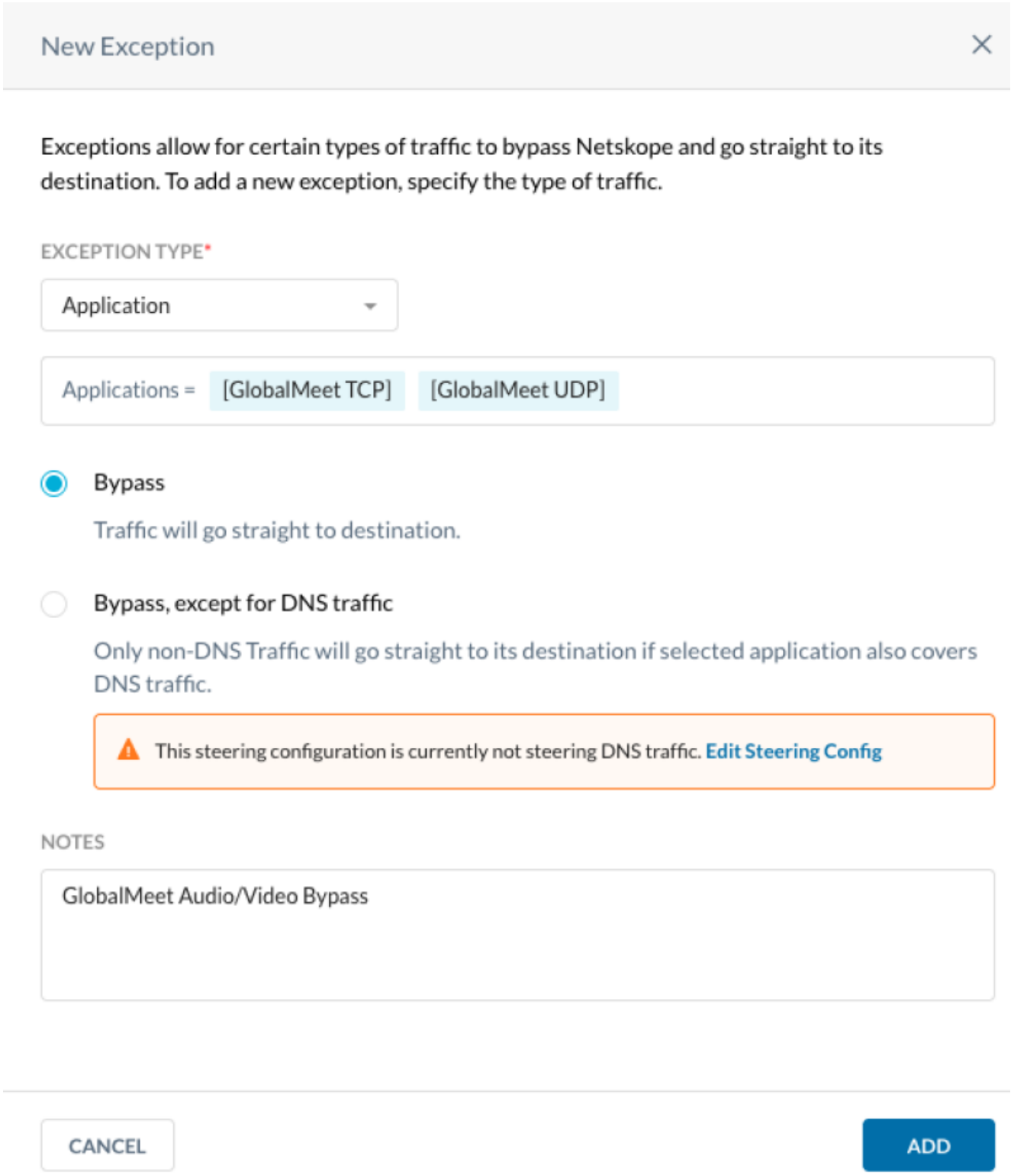
   Example: UDP



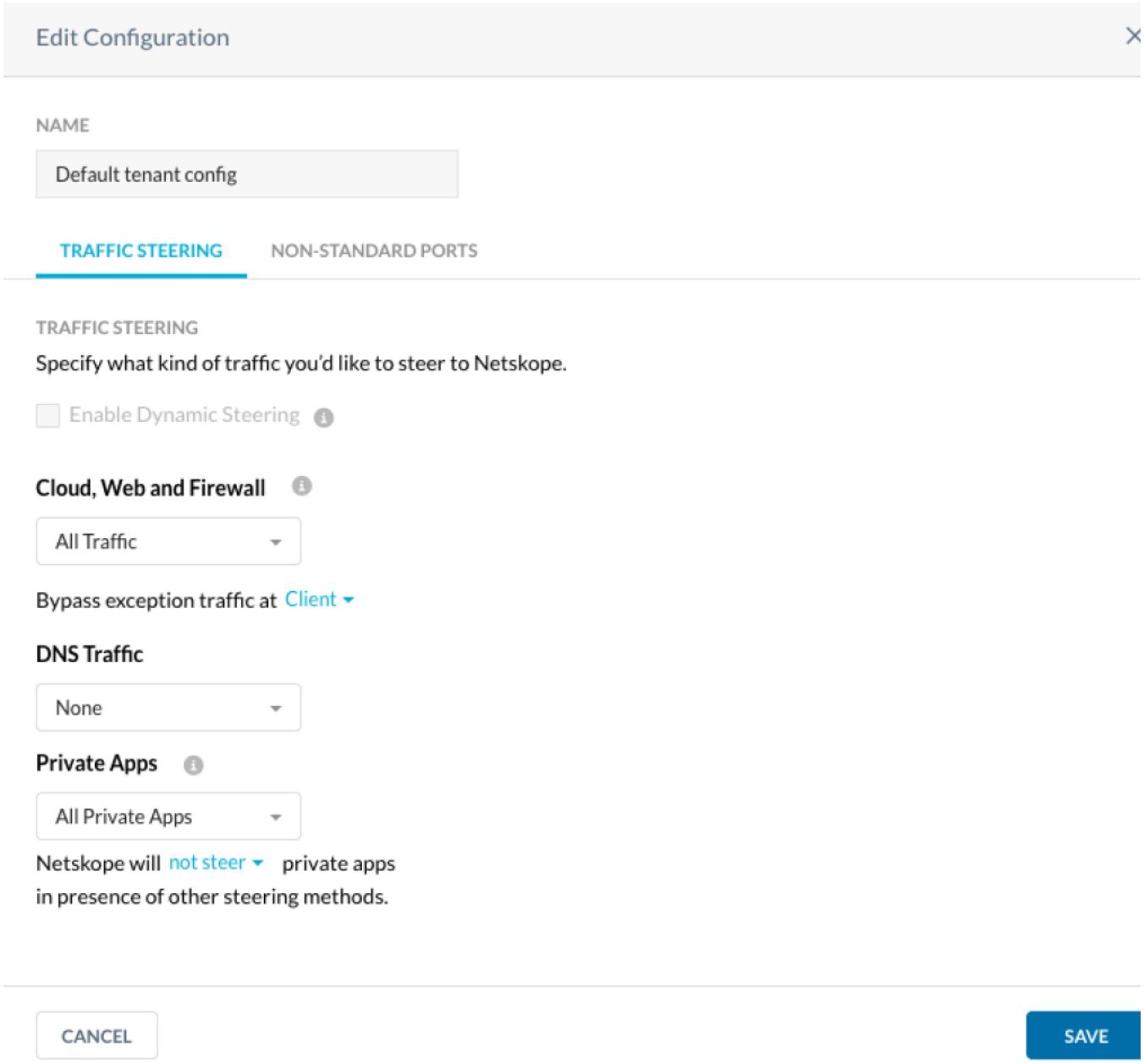
Example: TCP



2. Add the custom application to New Application exception in Settings > Security Cloud Platform > TRAFFIC STEERING > Steering Configuration page



3. Validate bypass location is at the client in Security Cloud Platform > Traffic Steering > Steering Configuration > Edit > Cloud, Web and Firewall > Bypass exception traffic at “Client”



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