FINAL PROJECT (DEPI)

INTRODUCTION TO THE PROJECT

This project implements and tests three VPN solutions on FortiGate : SSL VPN for remote access, IPsec VPN for site-to-site connectivity, and SD-WAN for link optimization. Each solution was configured and verified through functional test results.

TEAM MEMBERS

<< HOSSAM MOHAMED >>

<< AHMED MAHMOUD >>

PROJECT PHASES

01. configuring ssl vbn with test results (HOSSAM)

02. Establish an IPsec VPN tunnel between two FortiGate devices (AHMED)

03. Configure SD-WAN to optimize VPN traffic (HOSSAM)

04. Create final report detailing VPN configurations (AHMED)

05. Create a presentation (HOSSAM)

01. configuring ssl vbn with test results (HOSSAM)

1- create user group and add local user to it

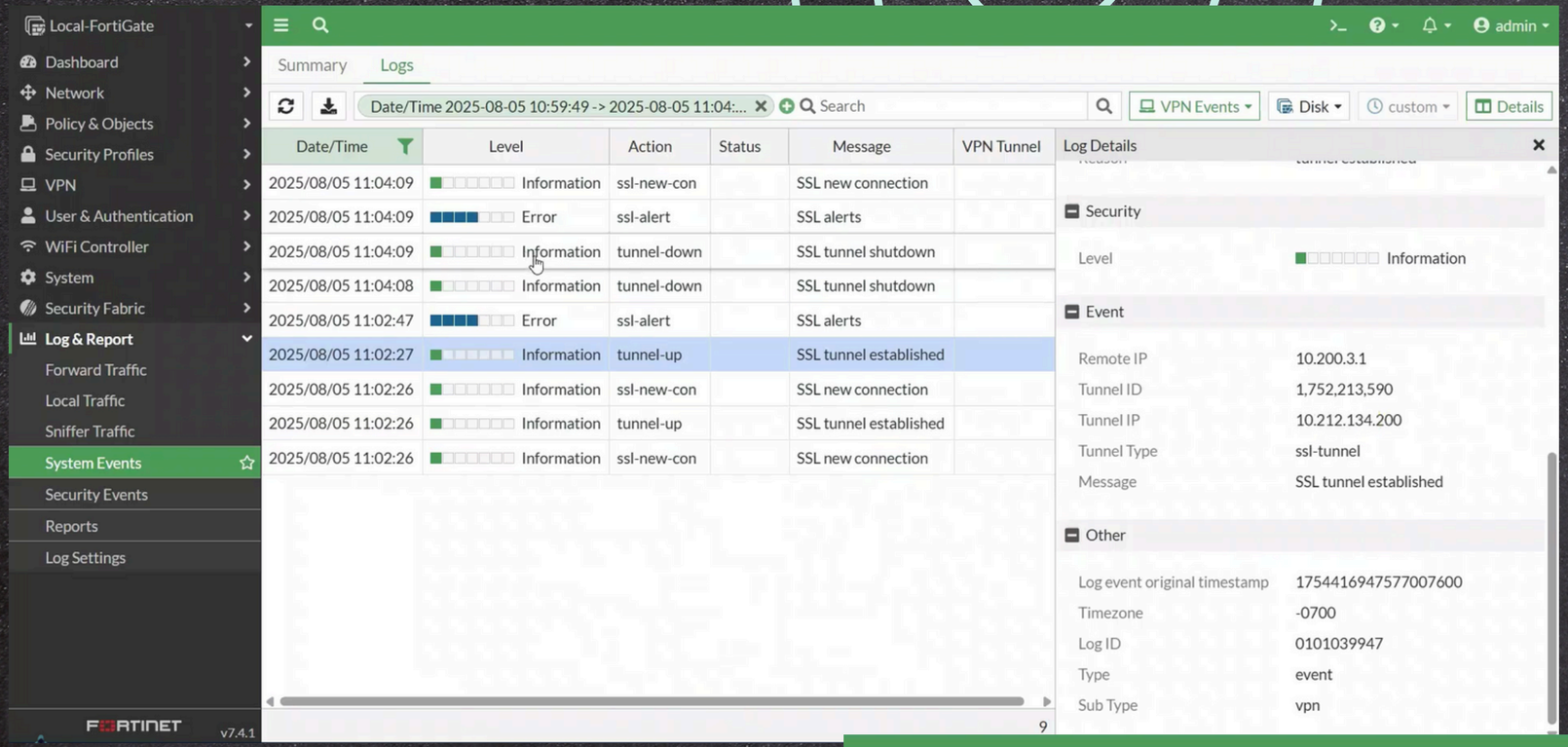
2-configure SSL-VPN settings

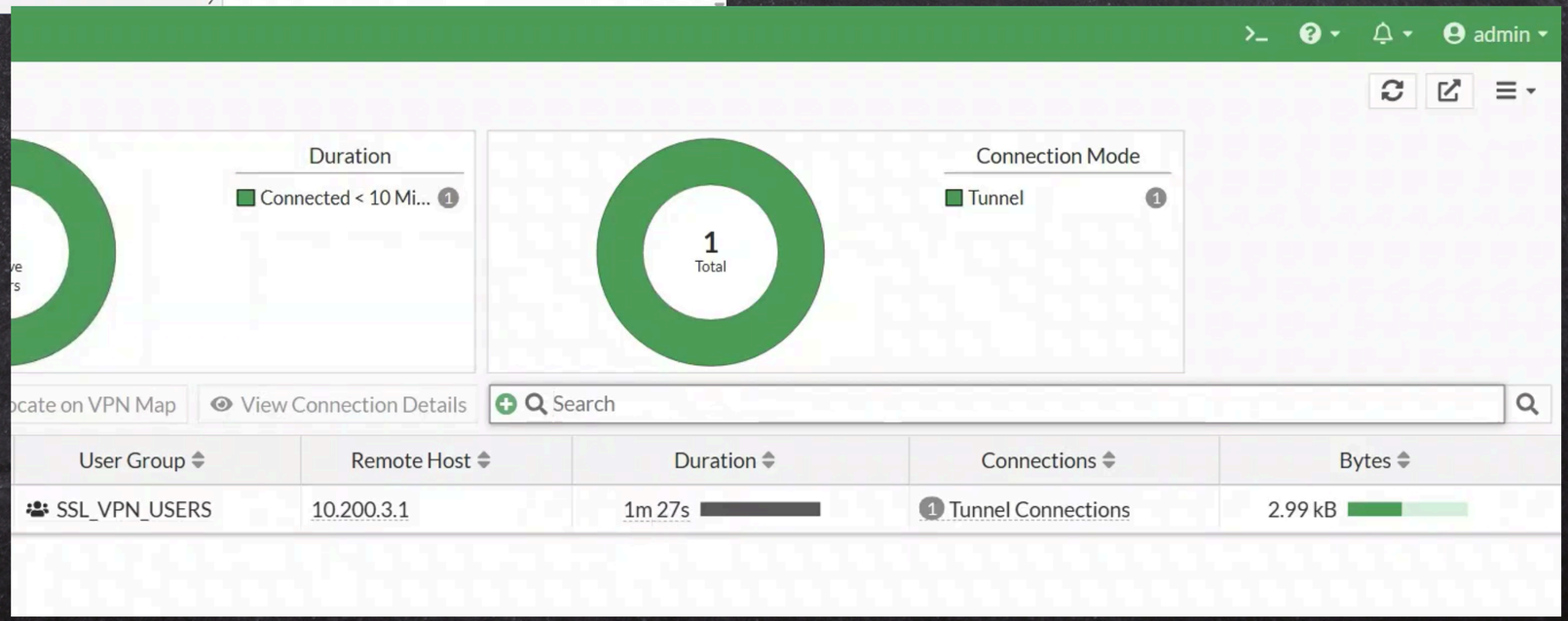
3- configure SSL-VPN Portal

4- create firewall policy

5- configure FortiClient

TEST RESULTS FOR SSL VPN





02. Establish an IPsec VPN tunnel between two FortiGate devices (AHMED)

1- Configure Phase 1 & Phase 2 Settings

2-Create Firewall Policies for VPN Traffic

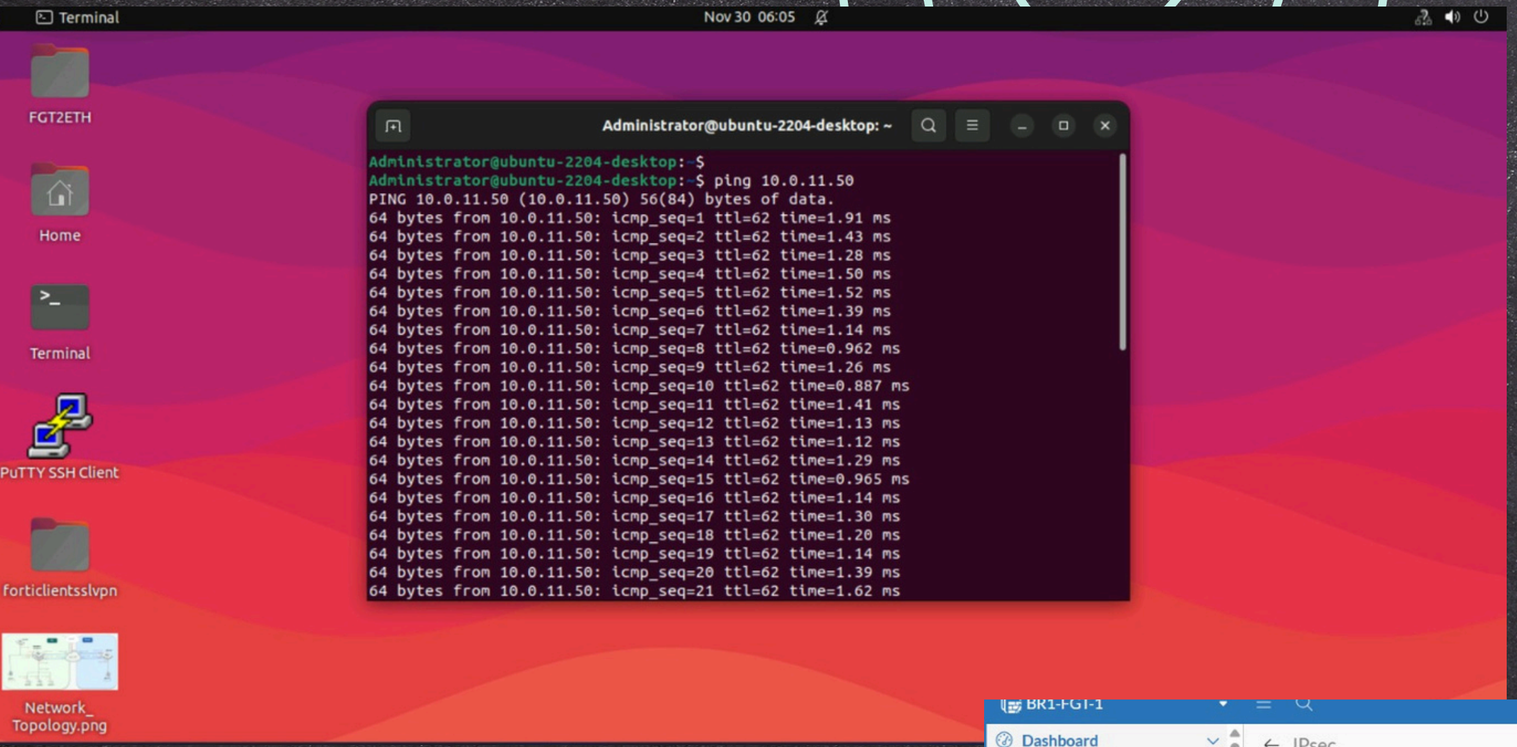
3- Add a Static Route for VPN Traffic

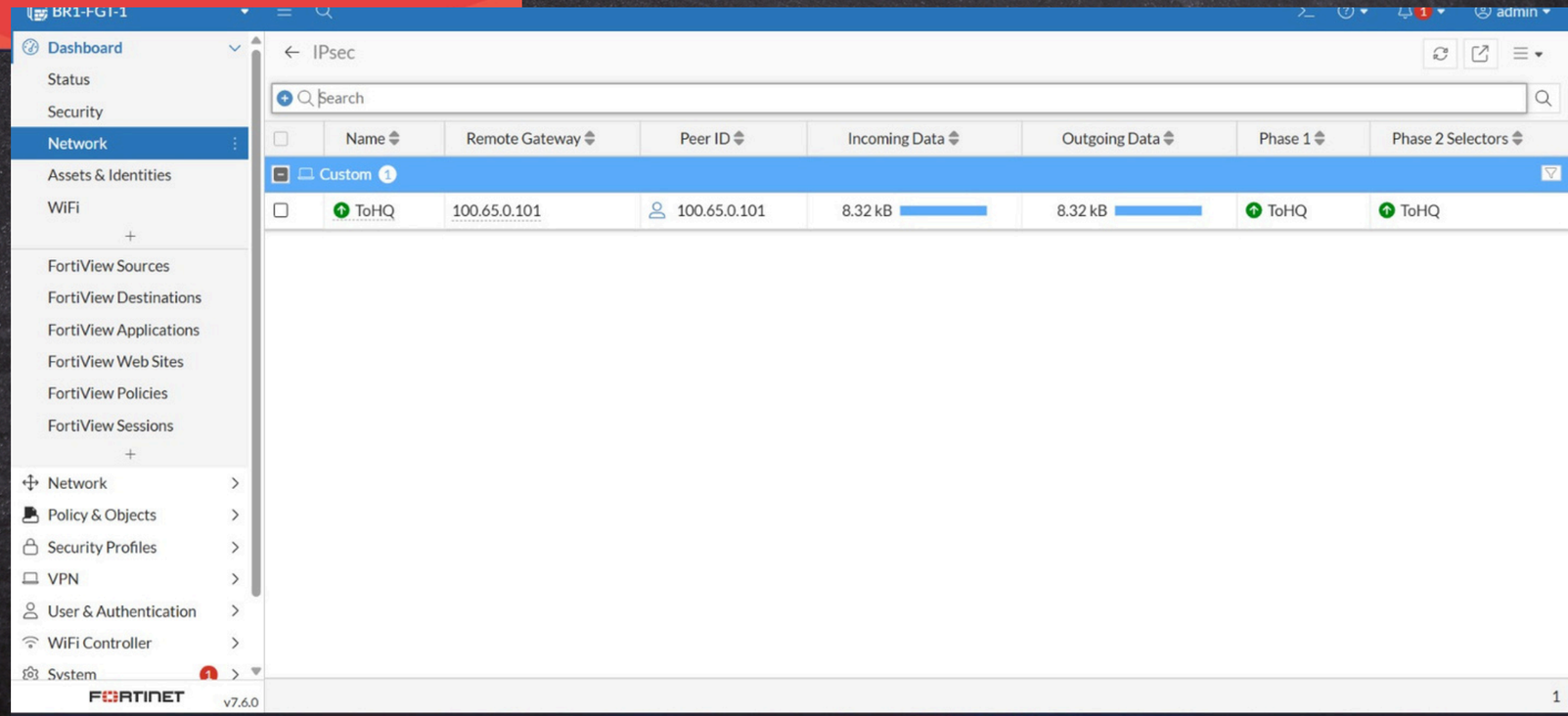
4- Configure Phase 1 & Phase 2 on the Second FortiGate

5- Bring Up and Monitor the VPN Tunnel

6- Test Connectivity Between Sites

TEST RESULTS FOR IPSEC





03. Configure SD-WAN to optimize VPN traffic (HOSSAM)

1- Deleting all ploicies related to wan ports

2-configure SD-WAN members and zone

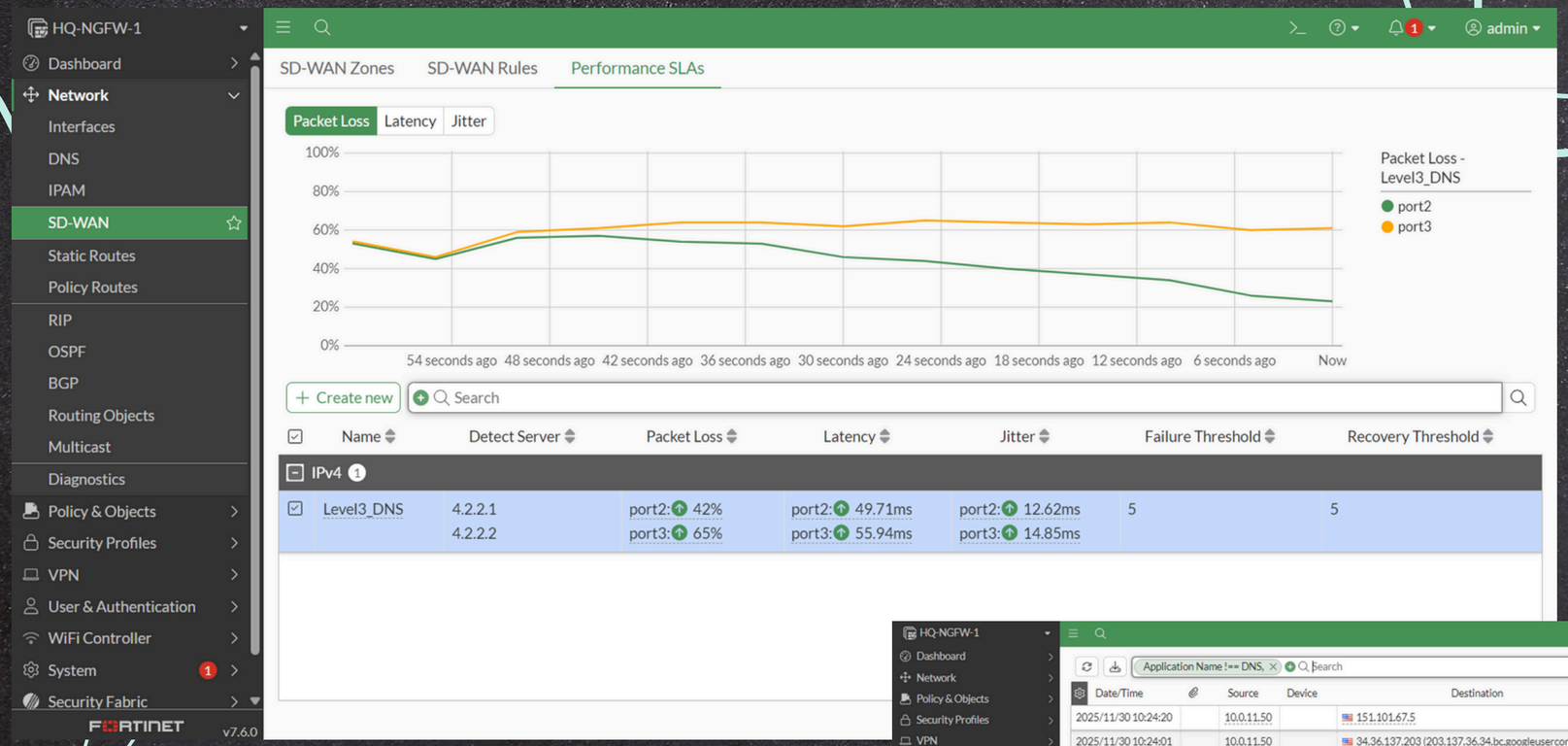
3- create performance SLA

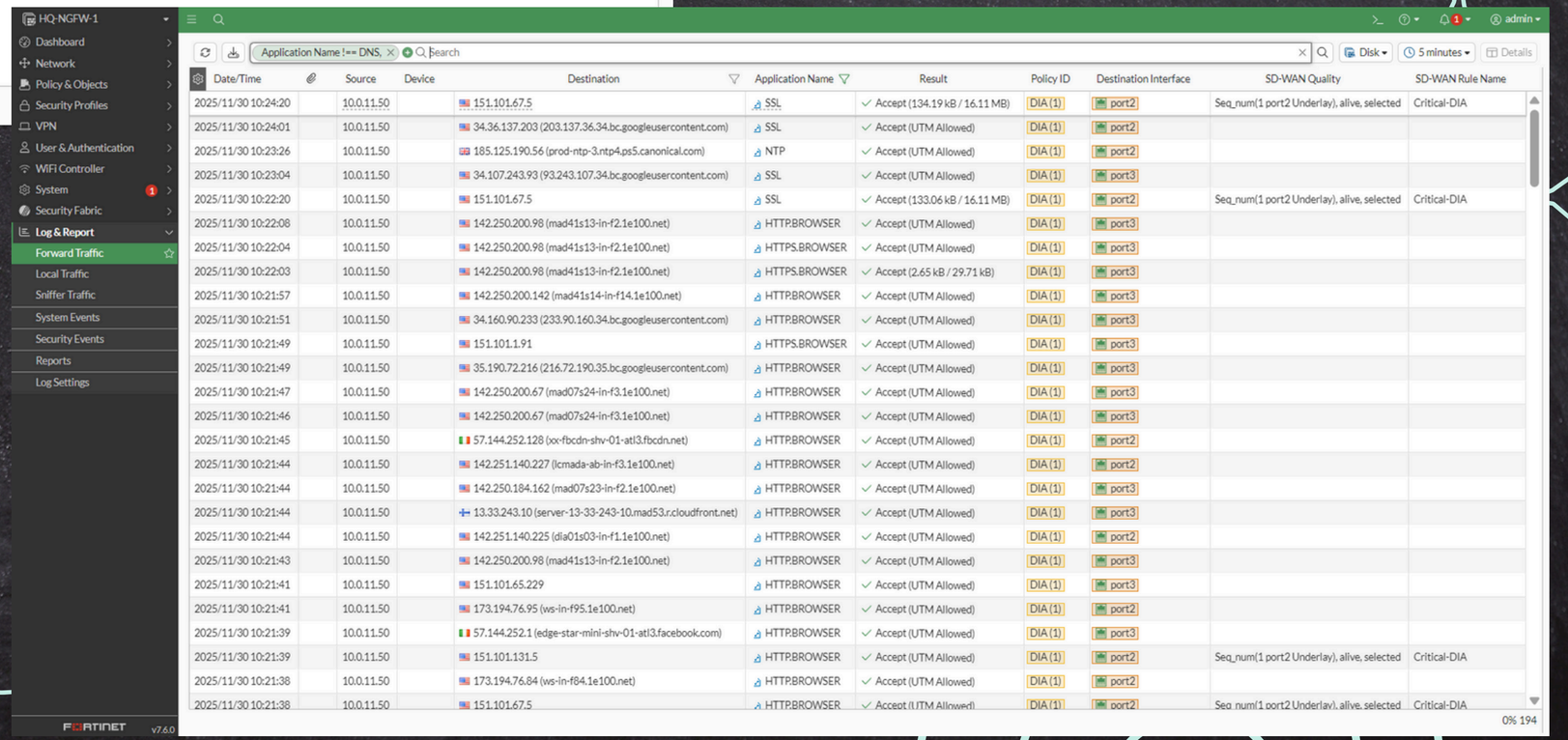
4- create SD-WAN Rules

5- configure static route for SD-WAN

6- create firewall policy for SD-WAN

TEST RESULTS FOR SD-WAN






THANK
YOU!