

- ### 3. Firewall Policies:

4. IP Pools:

- Overload NAT Pool: 1.1.1.1
- One-to-One NAT Pool: 2.2.2.2

5. Outgoing Interface NAT:

- Applied on WAN interface.

6. VIP & Default Gateway:

- Configured VIPs with different route priorities.

7. Policy-Based Routing:

- PBR configured for ping traffic.

8. VLANs & DHCP:

- VLAN 10, 20, 30 with DHCP.
- PC1, PC2, PC3 assigned accordingly.

9. Zones:

- Zone A (PC1 & PC2), Zone B (PC3).

10. Loopback Interface:

- IP: 5.5.5.5/24.

11. Configuration Backup:

- Saved as Lab1 Final.conf.

12. Logging:

- Enabled on all policies.

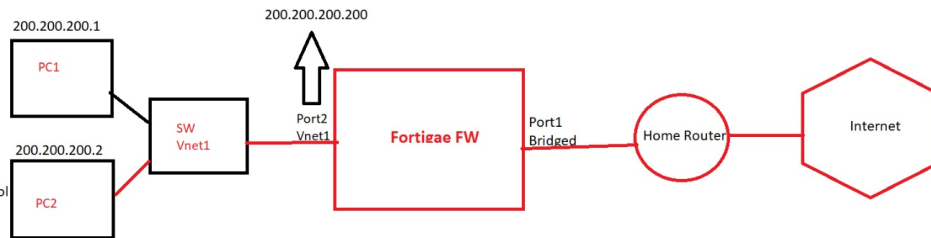
Part B: Application Control and UTM Policies

Task

- 1-Block FB
- 2-Block Youtube
- 3-Block Eicar Malicious File

- 1-Web Filter
- 2-AV Filter

- 3-Application Control
- 4-IPS Filter



1. Application Control:

- Facebook blocked and verified via logs.

2. Web Filtering:

- Facebook and EICAR test file blocked.

3. Antivirus:

- Configured but not functional (license missing).

4. IPS:

- Configured but not functional (license missing).

****Note:**

The pdf attached to this documentation has screens for this task includes the security policies and their effects on the users

Conclusion:

Lab demonstrates implementation of NAT, routing, VLANs, and UTM policies.