Tema de casă – varianta 2

- Transport Layer -

- Documentare Firewall -

**Se oferă următoarea topologie IPv6:**

LAN 1

(2001:db8:31:1::/64)

LAN 2

(2001:db8:31:2::/64)

LAN 3

(2001:db8:31:3::/64)

1. Engedjuk a Szekure Webbet akarhonan akarhova;
2. Blokajuk a Telenetet akarhonan akarhova;
3. Engedjuk LAN1-bol akarmilyen FTP akarhova
4. Engedjuk a 172.168.13.42 akceszaljon akarmit LAN-3ban SSH protokolon keresztul
5. Engedjuk a DNS trafikot csak LAN1-bol ere a cimre: 192.88.88.88
6. Blokajuk az Insecure Webbet LAN1 es LAN2 kozott, akarmelyk direkcioban.
7. Engedjuk az ICMPt akarhonan akarhova
8. Blokajuk az Insecure SMTPt LAN1-bol es LAN2-bol akarhova;
9. Engedjuk az Incoming Mailt (Szekurizalva) IMAPon keresztul akarhonan LAN1-ben;
10. Engedjuk a Szekurizalt Email kuldest LAN1-bol akarhova;

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| --- | --- | --- | --- | --- | --- | --- |
| **Nr.**  **crt.** | **Source** | **Destination** | **Protocol**  **Layer #5** | **Protocol Layer #4** | **Nr. port**  **Layer #4** | **Ops** |
| 1 | \* | \* | HTTPS | TCP | 443 | DROP |
| 2 | \* | \* | Telnet | TCP | 23 | DROP |
| 3 | 2001:db8:31:1::/64 | \* | FTP-Data  FTP-Ctrl | TCP | 20,21 | ACCEPT |
| 4 | 172.168.13.42 | 2001:db8:31:3::/64 | SSH | TCP | 22 | ACCEPT |
| 5 | 2001:db8:31:1::/64 | 192.88.88.88 | DNS | \* | 53 | ACCEPT |
| 6 | 2001:db8:31:1::/64 | 2001:db8:31:2::/64 | HTTP | TCP | 80 | DROP |
| 2001:db8:31:2::/64 | 2001:db8:31:1::/64 |
| 7 | \* | \* | ICMP | - | - | ACCEPT |
| 8 | LAN1,LAN2 | \* | SMTP | TCP | 25 | DROP |
| 9 | \* | LAN1 | IMAPS | TCP | 993 | ACCEPT |
| 10 | LAN1 | \* | SMTPS | TCP | 465 | ACCEPT |