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| Team 14 |
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# Memorandum

To: Management

From: Team 14

Date: February 18, 2023

Subject: Inject Name

In regards to your request for a network diagram that describes packet flows between network segments, I produced the following diagram. There are four segments our network interacts with. Three segments that we manage (Internal, User, Public) and our WAN connection to the internet. These segments are summarized below:

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| --- | --- | --- |
| Segment Name | Subnet | Palo Alto Interface |
| Internal | 172.20.240.0/24 | eth 1/2 |
| User | 172.20.242.0/24 | eth 1/4 |
| Public | 172.20.241.0/24 | eth 1/1 |
| External | 0.0.0.0/0 | eth 1/3 |

The diagram on the next page is relatively simple to read. The four boxes labeled “Internet”, “Internal”, “User”, and “Public” are the four segments described above. The solid lines between the boxes represent expected network traffic. Each line is labeled with relevant port and protocol information. The round symbol represents the Palo Alto firewall, and the dashed lines connecting it to each segment represent the physical connection between the segment and Palo Alto. The dashed lines are labeled with the network interface that connects Palo Alto to each segment. All inter-segment network traffic is routed through Palo Alto.

Feel free to reach out with any questions.

Thanks,

Team 14

Diagram 1: Network Data Flows

