

Week 10

Analysis on Proxy

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- Advantages
 - Provides finer-grained (application-aware) control than packet filtering
 - The gateway can read the contents of the packets
 - E.g., it scans the email messages to check viruses
 - Hiding source addresses
 - All the packets from inside the gateway have the same IP address (that of the gateway)
 - Easy to log and audit all traffic
- Disadvantages
 - Performance suffers
 - Additional processing overhead is needed
 - Caching requested information may increase the performance



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