

| iptables                                         |                                                                                                                       |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| iptables -S [chain [number]]                     | print the rules in a chain or all chains                                                                              |
| iptables -L -v                                   | [-L] List rules as table in [-v] verbose mode                                                                         |
| iptables -A INPUT -p tcp --dport 22 -j ACCEPT    | [-A] append rule. all INPUT traffic on [-p] protocol tcp, with [-dport] destination port 22 (ssh) [-j] jump to ACCEPT |
| iptables -D INPUT 4                              | Delete the INPUT 4th rule                                                                                             |
| iptables -D INPUT -p tcp --dport 22 -j ACCEPT    | [-D] Delete the specified rule                                                                                        |
| iptables -A INPUT -j DROP                        | all input traffic is DROP (DROP goes to a black hole and doesn't notify the user)                                     |
| iptables -I INPUT 4 -p tcp --dport 443 -j ACCEPT | [-I] Insert rule on position 4                                                                                        |

| persistence                                |                                                                  |
|--------------------------------------------|------------------------------------------------------------------|
| iptables-save > ~/rules.v4                 | Save iptables rules to a file                                    |
| iptables-restore < ~/rules.v4              | Restore iptables rules from a file                               |
| apt-get install -y iptables-persistent     | You can use iptables-persistent to save/restore rules at startup |
| sudo service netfilter-persistent start    | start previous installed service                                 |
| sudo invoke-rc.d netfilter-persistent save | start netfilter at startup                                       |



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