

Network Security Lab

Lab 4: Iptables

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```
(kali㉿kali)-[~]
└─$ sudo iptables -P INPUT DROP
[sudo] password for kali:
(kali㉿kali)-[~]
└─$ sudo iptables -A INPUT -p tcp --dport 80 -j ACCEPT
(kali㉿kali)-[/var/log]
└─$ sudo iptables -A INPUT -j LOG --log-prefix "iptables dropped: "
(kali㉿kali)-[/var/log]
└─$ sudo iptables -A INPUT -p icmp --icmp-type echo-request -m limit --limit 1/second -j ACCEPT
(kali㉿kali)-[/var/log]
└─$ sudo iptables -A INPUT -p icmp --icmp-type echo-request -j DROP
(kali㉿kali)-[/var/log]
└─$ curl http://10.1.131.59
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
  <head>
    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />
    <title>Apache2 Debian Default Page: It works</title>
    <style type="text/css" media="screen">
      * {
        margin: 0px 0px 0px 0px;
        padding: 0px 0px 0px 0px;
      }
      body, html {
        padding: 3px 3px 3px 3px;
      }
      background-color: #D8DBE2;
      font-family: Verdana, sans-serif;
      font-size: 11pt;
      text-align: center;
    }
    div.main_page {
      position: relative;
    }
  </head>
  <body>
    <div class="main_page">
      <div class="center">
        <img alt="Number lock icon" data-bbox="471 808 491 824"/>
        <p>Number lock on</p>
      </div>
    </div>
  </body>
</html>
```