
Subject: Firewall-Script

Posted by [michl13](#) on Tue, 18 Mar 2008 08:16:18 GMT

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Hallo!

Ich habe folgendes Problem:

Wenn ich beim booten die Firewall starte, habe ich keinen Zugriff mehr auf den Host.

Ich verwende CentOS5 und iptables ist in allen runlevels deaktiviert.

Was stimmt mit diesem Script nicht? (IP-Adressen wurden geändert)

```
#!/bin/sh
. /etc/init.d/functions
# the IP block allocated to this server
SEGMENT="7X.4X.1XX.147/25"
# the IP used by the hosting server itself
THISHOST="7X.4X.1XX.147"
# services that should be allowed to the HN; services for VEs are configured in /etc/firewall.d/*
TCP_PORTS="80 10000"
UDP_PORTS="4520 4569 5038 5060"
# hosts allowed full access through the firewall, to all VEs and to this server
DMZS=""
purge() {
    echo -n "Firewall: Purging and allowing all traffic"
    iptables -F OUTPUT ACCEPT
    iptables -F FORWARD ACCEPT
    iptables -F INPUT ACCEPT
    iptables -F
    success ; echo
}
setup() {
    echo -n "Firewall: Setting default policies to DROP"
    iptables -F INPUT DROP
    iptables -F FORWARD DROP
    iptables -I INPUT -j ACCEPT -m state --state ESTABLISHED,RELATED
    iptables -I FORWARD -j ACCEPT -m state --state ESTABLISHED,RELATED
    iptables -I INPUT -j ACCEPT -i lo
    iptables -I FORWARD -j ACCEPT --source $SEGMENT
    iptables -I INPUT -j ACCEPT -p icmp --icmp-type echo-request
    success ; echo
    echo "Firewall: Allowing access to HN"
    for port in $TCP_PORTS ; do
        echo -n "    port $port"
        iptables -I INPUT -j ACCEPT -s $SEGMENT -d $THISHOST --protocol tcp --destination-port
$port
        success ; echo
    done
    for ip in $DMZS ; do
```

```

echo -n "      DMZ $ip"
iptables -I INPUT -i eth0 -j ACCEPT -s $ip
iptables -I FORWARD -i eth0 -j ACCEPT -s $ip
success ; echo
done

VESETUPS=`echo /etc/firewall.d/*`
if [ "$VESETUPS" != "/etc/firewall.d/*" ] ; then
echo "Firewall: Setting up VE firewalls"
for i in $VESETUPS ; do
. $i
echo -n "      $VENAME VE$VEID"
iptables -I FORWARD -j ACCEPT -p icmp --icmp-type echo-request --destination $VEIP
if [ -n "$BANNED" ] ; then
for source in $BANNED ; do iptables -I FORWARD -j DROP --destination $VEIP --source
$source ; done
fi
if [ -n "$OPENTCPPORTS" ] ; then
for port in $OPENTCPPORTS ; do iptables -I FORWARD -j ACCEPT --protocol tcp --destination
$VEIP --destination-port $port ; d$
fi
if [ -n "$OPENUDPPORTS" ] ; then
for port in $OPENUDPPORTS ; do iptables -I FORWARD -j ACCEPT --protocol udp --destination
$VEIP --destination-port $port ; d$
fi
if [ -n "$DMZS" ] ; then
for source in $DMZS ; do iptables -I FORWARD -j ACCEPT --protocol tcp --destination $VEIP
--source $source ; done
for source in $DMZS ; do iptables -I FORWARD -j ACCEPT --protocol udp --destination $VEIP
--source $source ; done
fi
[ $? -eq 0 ] && success || failure
echo
done
fi
}
case "$1" in
start)
echo "Starting firewall..."
purge
setup
;;
stop)
echo "Stopping firewall..."
purge
;;
restart)
$0 stop

```

```
$0 start
;;
status)
iptables -n -L
;;
*)
echo "Usage: $0 <start|stop|restart|status>"
;;
esac
```

Bitte um Hilfe!

DANKE!
