

CentOS Build SS and FS to improve network speed

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原文链接: <https://ld246.com/article/1473692855235>

来源网站: [链滴](#)

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<p>1. ss</p>
<p>#&nbsp;yum&nbsp;install&nbsp;python-setuptools&nbsp;&&&nbsp;easy_inst
ll&nbsp;pip</p>
<div class="line number2 index1 alt1"><code class="python comments">#&nbsp;pip&nbsp;
ninstall&nbsp;shadowsocks</code></div>
<div class="line number2 index1 alt1">&nbsp;</div>
<div class="line number2 index1 alt1"># iptables <span class="hljs-attribute">-I</span> IN
UT <span class="hljs-attribute">-p</span> tcp <span class="hljs-subst">--</span>dport <
pan class="hljs-number">8388&nbsp;</span><span class="hljs-attribute">-j</span> ACCE
T</div>
<div class="line number2 index1 alt1"><span># iptables </span><span class="hljs-attribute
">-I</span><span> INPUT </span><span class="hljs-attribute">-p</span><span> udp </s
an><span class="hljs-subst">--</span><span>dport </span><span class="hljs-number">8
88&nbsp;</span><span class="hljs-attribute">-j</span><span> ACCEPT</span></div>
<div class="line number2 index1 alt1">&nbsp;</div>
<div class="line number2 index1 alt1"><span>touch&nbsp;/etc/shadowsocks.json</span><
div>
<div class="line number2 index1 alt1"><span><span>vi&nbsp;/etc/shadowsocks.json</spa
></span></div>
<div class="line number2 index1 alt1">
<p><span>{</span></p>
<p><span>&nbsp; &nbsp; "server": "0.0.0.0",</span></p>
<p><span>&nbsp; &nbsp; "server_port": 8388,</span></p>
<p><span>&nbsp; &nbsp; "local_address": "127.0.0.1",</span></p>
<p><span>&nbsp; &nbsp; "local_port": 1080,</span></p>
<p><span>&nbsp; &nbsp; "password": "passwd",</span></p>
<p><span>&nbsp; &nbsp; "timeout": 300,</span></p>
<p><span>&nbsp; &nbsp; "method": "aes-256-cfb",</span></p>
<p><span>&nbsp; &nbsp; "fast_open": false</span></p>
<p><span>}</span></p>
<p><span>Better to use&nbsp;rc4-md5 than&nbsp;aes-256-cfb, there will be several time s
eed up.</span></p>
<p><span>start:</span></p>
<p><span>/usr/local/bin/</span>ssserver&nbsp;-c&nbsp;/etc/shadowsocks.json&nbsp;-d
&nbsp;start</p>
<p>stop:</p>
<p><span>/usr/local/bin/</span>ssserver&nbsp;-c&nbsp;/etc/shadowsocks.json&nbsp;-d
&nbsp;stop</p>
<p><span><span><span>&nbsp;</span></span></span></p>
<p><span><span><span>2.fs</span></span></span></p>
<p><span class="crayon-v">vi install_fs</span><span class="crayon-sy">.</span><span cl
ss="crayon-e">sh</span></p>
<p style="padding-left: 60px;"><span>#! /bin/bash</span></p>
<p style="padding-left: 60px;"><span>PATH=/bin:/sbin:/usr/bin:/usr/sbin:/usr/lo
cal/sbin:~/bin</span></p>
<p style="padding-left: 60px;"><span>export PATH</span></p>
<p style="padding-left: 60px;">&nbsp;</p>
<p style="padding-left: 60px;">&nbsp;</p>
<p style="padding-left: 60px;"><span>install_path=/fs/</span></p>
<p style="padding-left: 60px;"><span>package_download_url=http://finalspeed.org/fs/final
peed_server.zip</span></p>
<p style="padding-left: 60px;"><span>package_save_name=finalspeed_server.zip</span></
>
<p style="padding-left: 60px;"><span>&nbsp;</span></p>

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<p style="padding-left: 60px;"><span>function checkjava(){</span></p>
<p style="padding-left: 60px;"><span>java -version</span></p>
<p style="padding-left: 60px;"><span>#echo $?</span></p>
<p style="padding-left: 60px;"><span>if [[ $? -le 1 ]];then</span></p>
<p style="padding-left: 60px;"><span>echo " Run java success"</span></p>
<p style="padding-left: 60px;"><span>else</span></p>
<p style="padding-left: 60px;"><span>echo " Run java failed"</span></p>
<p style="padding-left: 60px;"><span>echo $OS</span></p>
<p style="padding-left: 60px;"><span>if [[ $OS = "centos" ]]; then</span></p>
<p style="padding-left: 60px;"><span>echo " Install  centos java ..." </span></p>
<p style="padding-left: 60px;"><span>yum install -y java-1.8.0-openjdk</span></p>
<p style="padding-left: 60px;"><span>fi</span></p>
<p style="padding-left: 60px;"><span>if [[ $OS = "ubuntu" ]]; then</span></p>
<p style="padding-left: 60px;"><span>echo " Install  ubuntu java ..." </span></p>
<p style="padding-left: 60px;"><span>apt-get install -y openjdk-7-jre</span></p>
<p style="padding-left: 60px;"><span>fi</span></p>
<p style="padding-left: 60px;"><span>if [[ $OS = "debian" ]]; then</span></p>
<p style="padding-left: 60px;"><span>echo " Install  debian java ..." </span></p>
<p style="padding-left: 60px;"><span>apt-get install -y openjdk-7-jre</span></p>
<p style="padding-left: 60px;"><span>fi</span></p>
<p style="padding-left: 60px;"><span>fi</span></p>
<p style="padding-left: 60px;"><span># if [[ ! -d "$result" ]]; then</span></p>
<p style="padding-left: 60px;"><span># echo "不存在" </span></p>
<p style="padding-left: 60px;"><span># else</span></p>
<p style="padding-left: 60px;"><span># echo "存在" </span></p>
<p style="padding-left: 60px;"><span># fi</span></p>
<p style="padding-left: 60px;"><span>echo $result</span></p>
<p style="padding-left: 60px;"><span>}</span></p>
<p style="padding-left: 60px;">&nbsp;</p>
<p style="padding-left: 60px;">&nbsp;</p>
<p style="padding-left: 60px;"><span>function checkunzip(){</span></p>
<p style="padding-left: 60px;"><span>unzip</span></p>
<p style="padding-left: 60px;"><span>#echo $?</span></p>
<p style="padding-left: 60px;"><span>if [[ $? -le 1 ]];then</span></p>
<p style="padding-left: 60px;"><span>echo " Run unzip success"</span></p>
<p style="padding-left: 60px;"><span>else</span></p>
<p style="padding-left: 60px;"><span>echo " Run unzip failed" </span></p>
<p style="padding-left: 60px;"><span>echo $OS</span></p>
<p style="padding-left: 60px;"><span>if [[ $OS = "ubuntu" ]]; then</span></p>
<p style="padding-left: 60px;"><span>echo " Install  ubuntu unzip ..." </span></p>
<p style="padding-left: 60px;"><span>apt-get -y install unzip</span></p>
<p style="padding-left: 60px;"><span>fi</span></p>
<p style="padding-left: 60px;"><span>if [[ $OS = "debian" ]]; then</span></p>
<p style="padding-left: 60px;"><span>echo " Install  debian unzip ..." </span></p>
<p style="padding-left: 60px;"><span>apt-get -y install unzip</span></p>
<p style="padding-left: 60px;"><span>fi</span></p>
<p style="padding-left: 60px;"><span>if [[ $OS = "centos" ]]; then</span></p>
<p style="padding-left: 60px;"><span>echo " Install  centos unzip ..." </span></p>
<p style="padding-left: 60px;"><span>yum install -y unzip</span></p>
<p style="padding-left: 60px;"><span>fi</span></p>
<p style="padding-left: 60px;"><span>fi</span></p>
<p style="padding-left: 60px;"><span># if [[ ! -d "$result" ]]; then</span></p>
<p style="padding-left: 60px;"><span># echo "不存在" </span></p>
<p style="padding-left: 60px;"><span># else</span></p>

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<p style="padding-left: 60px;"><span># echo "存在"</span></p>
<p style="padding-left: 60px;"><span># fi</span></p>
<p style="padding-left: 60px;"><span>echo $result</span></p>
<p style="padding-left: 60px;"><span></span></p>
<p style="padding-left: 60px;">&nbsp;</p>
<p style="padding-left: 60px;"><span>function checkwget(){</span></p>
<p style="padding-left: 60px;"><span>wget</span></p>
<p style="padding-left: 60px;"><span>#echo $?</span></p>
<p style="padding-left: 60px;"><span>if [[ $? -le 1 ]];then</span></p>
<p style="padding-left: 60px;"><span>echo " Run wget success"</span></p>
<p style="padding-left: 60px;"><span>else</span></p>
<p style="padding-left: 60px;"><span>echo " Run wget failed"</span></p>
<p style="padding-left: 60px;"><span>echo $OS</span></p>
<p style="padding-left: 60px;"><span>if [[ $OS = "ubuntu" ]]; then</span></p>
<p style="padding-left: 60px;"><span>echo " Install&nbsp; ubuntu wget ..."</span></p>
<p style="padding-left: 60px;"><span>apt-get -y install wget</span></p>
<p style="padding-left: 60px;"><span>fi</span></p>
<p style="padding-left: 60px;"><span>if [[ $OS = "debian" ]]; then</span></p>
<p style="padding-left: 60px;"><span>echo " Install&nbsp; debian wget ..."</span></p>
<p style="padding-left: 60px;"><span>apt-get -y install wget</span></p>
<p style="padding-left: 60px;"><span>fi</span></p>
<p style="padding-left: 60px;"><span>if [[ $OS = "centos" ]]; then</span></p>
<p style="padding-left: 60px;"><span>echo " Install&nbsp; centos wget ..."</span></p>
<p style="padding-left: 60px;"><span>yum install -y wget</span></p>
<p style="padding-left: 60px;"><span>fi</span></p>
<p style="padding-left: 60px;"><span>fi</span></p>
<p style="padding-left: 60px;"><span>echo $result</span></p>
<p style="padding-left: 60px;"><span></span></p>
<p style="padding-left: 60px;">&nbsp;</p>
<p style="padding-left: 60px;">&nbsp;</p>
<p style="padding-left: 60px;"><span>function checkenv(){</span></p>
<p style="padding-left: 60px;"><span>if [[ $OS = "ubuntu" ]]; then</span></p>
<p style="padding-left: 60px;"><span>apt-get update</span></p>
<p style="padding-left: 60px;"><span>apt-get -y install libpcap-dev</span></p>
<p style="padding-left: 60px;"><span>apt-get -y install iptables</span></p>
<p style="padding-left: 60px;"><span>fi</span></p>
<p style="padding-left: 60px;"><span>if [[ $OS = "debian" ]]; then</span></p>
<p style="padding-left: 60px;"><span>echo "apt-get updateapt-get updateapt-get update"</span></p>
<p style="padding-left: 60px;"><span>apt-get update</span></p>
<p style="padding-left: 60px;"><span>apt-get -y install libpcap-dev</span></p>
<p style="padding-left: 60px;"><span>apt-get -y install iptables</span></p>
<p style="padding-left: 60px;"><span>fi</span></p>
<p style="padding-left: 60px;"><span>if [[ $OS = "centos" ]]; then</span></p>
<p style="padding-left: 60px;"><span>#yum update</span></p>
<p style="padding-left: 60px;"><span>yum -y install libpcap</span></p>
<p style="padding-left: 60px;"><span>yum -y install iptables</span></p>
<p style="padding-left: 60px;"><span>fi</span></p>
<p style="padding-left: 60px;"><span></span></p>
<p style="padding-left: 60px;">&nbsp;</p>
<p style="padding-left: 60px;">&nbsp;</p>
<p style="padding-left: 60px;">&nbsp;</p>
<p style="padding-left: 60px;"><span>function checkos(){</span></p>
<p style="padding-left: 60px;"><span>&nbsp; &nbsp; &nbsp; &nbsp; OS=centos</span></p>

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>
<p style="padding-left: 60px;"><span>echo $OS</span> </p>
<p style="padding-left: 60px;"><span></span> </p>
<p style="padding-left: 60px;">&nbsp;</p>
<p style="padding-left: 60px;"><span>&nbsp;</span> </p>
<p style="padding-left: 60px;"><span>#&nbsp;</span> Install finalspeed</span> </p>
<p style="padding-left: 60px;"><span>function install_finalspeed(){</span> </p>
<p style="padding-left: 60px;"><span>rm -f $package_save_name</span> </p>
<p style="padding-left: 60px;"><span>echo "Download software..." </span> </p>
<p style="padding-left: 60px;"><span>if ! wget -O $package_save_name $package_downloa
_url ; then</span> </p>
<p style="padding-left: 60px;"><span>echo "Download software failed!"</span> </p>
<p style="padding-left: 60px;"><span>exit 1</span> </p>
<p style="padding-left: 60px;"><span>fi</span> </p>
<p style="padding-left: 60px;">&nbsp;</p>
<p style="padding-left: 60px;"><span>if [[ ! -d "$install_path" ]]; then</span> </p>
<p style="padding-left: 60px;"><span>mkdir "$install_path"</span> </p>
<p style="padding-left: 60px;"><span>else</span> </p>
<p style="padding-left: 60px;"><span>echo "Update Software..." </span> </p>
<p style="padding-left: 60px;"><span>fi</span> </p>
<p style="padding-left: 60px;">&nbsp;</p>
<p style="padding-left: 60px;"><span>unzip -o $package_save_name&nbsp;</span> -d $install_pat
</span> </p>
<p style="padding-left: 60px;">&nbsp;</p>
<p style="padding-left: 60px;"><span>sh ${install_path}"restart.sh"</span> </p>
<p style="padding-left: 60px;"><span>tail -f ${install_path}"server.log"</span> </p>
<p style="padding-left: 60px;"><span></span> </p>
<p style="padding-left: 60px;">&nbsp;</p>
<p style="padding-left: 60px;">&nbsp;</p>
<p style="padding-left: 60px;"><span>checkos</span> </p>
<p style="padding-left: 60px;"><span>checkenv</span> </p>
<p style="padding-left: 60px;"><span>checkwget</span> </p>
<p style="padding-left: 60px;"><span>checkjava</span> </p>
<p style="padding-left: 60px;"><span>checkunzip</span> </p>
<p style="padding-left: 60px;"><span>install_finalspeed</span> </p>
<p style="padding-left: 60px;">&nbsp;</p>
<p style="padding-left: 60px;"><span>chmod +x /etc/rc.d/rc.local</span> </p>
<p style="padding-left: 60px;"><span>echo "sh /fs/start.sh" &gt;&gt; /etc/rc.d/rc.local</spa
> </p>
<p><span>&nbsp;</span> </p>
<p><span>if &nbsp;</span>the finalspeed.org doesn't work, try&nbsp;<span class="crayon-v">http
</span><span class="crayon-o">:</span><span class="crayon-c">//soft.kuoruan.com/final
peed/install_fs.sh</span> </p>
<p><span><span class="crayon-v">chmod&nbsp;</span><span class="crayon-o">+</spa
><span class="crayon-i">x&nbsp;</span><span class="crayon-v">install_fs</span><span c
ass="crayon-sy">.</span><span class="crayon-i">sh</span></span> </p>
<p><span class="crayon-e">sh&nbsp;</span><span class="crayon-v">install_fs</span><span class
"crayon-sy">.</span><span class="crayon-i">sh</span></span> </p>
<p><span class="crayon-e"><span class="crayon-i">start:&nbsp;</span></span> </p>
<p><span class="crayon-e"><span class="crayon-i"><span class="crayon-v">sh</span><s
an class="crayon-o">/</span><span class="crayon-v">fs</span><span class="crayon-o">/
/span><span class="crayon-v">start</span><span class="crayon-sy">.</span><span class
"crayon-v">sh</span></span> </p>
<p>&nbsp;</p>

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<p><span class="crayon-e">stop:</span></p>
<p><span class="crayon-e"><span class="crayon-v">sh</span><span class="crayon-o">/</span></span><span class="crayon-v">fs</span><span class="crayon-o">/</span><span class="crayon-v">stop.sh</span><span class="crayon-sy"><br /></span></span></p>
<p>&nbsp;</p>
<p>3.install client on your PC</p>
<p>s h a d o w s o c k s</p>
<p>f i n a l s p e e d</p>
</div>
```