

# Apache 2.4.8安装

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原文链接: <https://ld246.com/article/1457679271698>

来源网站: [链滴](#)

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<div class="Section0">
<div class="Section0">
<p class="p0">1.创建本地安装目录</p>
<p class="p0">Sorcea<span style="font-family: 宋体;">目录</span><span style="font-family: 'Times New Roman';">:</span>http://mirrors.noc.im/apache//httpd/httpd-2.4.18.tar.bz</p>
<p class="p0">&nbsp;</p>
<p class="p0">&nbsp;</p>
<p class="p0">mkdir&nbsp;/usr/local/apache 用于<span style="font-family: 'Times New Roman';">apache</span><span style="font-family: 宋体;">目录</span></p>
<p class="p0">&nbsp;</p>
<p class="p0">&nbsp;</p>
<p class="p0">Step&nbsp;3<span style="font-family: 宋体;">: 安装</span><span style="font-family: Arial;">Apache&nbsp;Http&nbsp;Server&nbsp;apache</span><span style="font-family: 宋体;">服务器的依赖包</span><span style="font-family: Arial;">:</span></p>
<p class="p0">1.apr-1.4.8.tar.gz&nbsp;&nbsp;</p>
<p class="p0">2.apr-util-1.5.2.tar.gz</p>
<p class="p0">&nbsp;</p>
<p class="p0">cd&nbsp;apr-1.4.8&nbsp;</p>
<p class="p0">./configure</p>
<p class="p0">&nbsp;</p>
<p class="p0">Step&nbsp;4<span style="font-family: 宋体;">: 安装</span><span style="font-family: Arial;">Apache&nbsp;Http&nbsp;Server</span></p>
<p class="p0">[root@getlnx05&nbsp;kerry]#&nbsp;tar&nbsp;xvf&nbsp;httpd-2.4.6.tar.gz</p>
<p class="p0">[root@getlnx05&nbsp;&nbsp;kerry]#cd&nbsp;httpd-2.4.6</p>
<p class="p0">[root@getlnx05&nbsp;httpd-2.4.6]#&nbsp;./configure&nbsp;--prefix=/usr/local/apache&nbsp;--with-pcre=/usr/local/pcre&nbsp;--with-apr=/usr/local/apr&nbsp;--with-apr-util=/usr/local/apr-util</p>
<p class="p0">[root@getlnx05&nbsp;httpd-2.4.6]#make</p>
<p class="p0">[root@getlnx05&nbsp;httpd-2.4.6]#make&nbsp;install</p>
<p class="p0">&nbsp;</p>
<p class="p0">&nbsp;</p>
<p class="p0">Step&nbsp;5<span style="font-family: 宋体;">: 启动</span><span style="font-family: Arial;">Apache</span><span style="font-family: 宋体;">服务</span></p>
<p class="p0">[root@getlnx05&nbsp;httpd-2.4.6]#&nbsp;&nbsp;/usr/local/apache/bin/apectl&nbsp;start</p>
<p class="p0">用浏览器访问<a href="http://localhost/">http://localhost</a>时提示<span style="font-family: Arial;">It&nbsp;works!</span></p>
<p class="p0">&nbsp;</p>
<p class="p0">&nbsp;</p>
<p class="p0">Apache<span style="font-family: 宋体;">安装问题锦集</span></p>
<p class="p0">&nbsp;</p>
<p class="p0">问题<span style="font-family: Arial;">1</span><span style="font-family: 宋体;">: 缺少包</span><span style="font-family: Arial;">gcc-c++</span><span style="font-family: 宋体;">导致安装包</span><span style="font-family: Arial;">apr-util</span><span style="font-family: 宋体;">不通过</span></p>
<p class="p0">&nbsp;</p>
<p class="p0">[root@getlnx05&nbsp;kerry]#&nbsp;unzip&nbsp;pcre-8.33.zip</p>
<p class="p0">[root@getlnx05&nbsp;kerry]#&nbsp;cd&nbsp;pcre-8.33</p>
<p class="p0">[root@getlnx05&nbsp;pcre-8.33]#&nbsp;./configure&nbsp;--prefix=/usr/local/apr-util&nbsp;--with-apr=/usr/local/apr/bin/apr-1-config</p>
<p class="p0">一般出现这个错误是因为没有安装包<span style="font-family: Arial;">gcc-c++,</span><span style="font-family: 宋体;">可以通过如下命令检查,</span></p>
<p class="p0">[root@getlnx05&nbsp;pcre-8.33]#&nbsp;yum&nbsp;list&nbsp;gcc-c++</p>
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[illegible]

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bsp;library...</p>
<p class="p0">configure:</p>
<p class="p0">checking&nbsp;for&nbsp;APR...&nbsp;yes</p>
<p class="p0">&nbsp;&nbsp;setting&nbsp;CC&nbsp;to&nbsp;"gcc"</p>
<p class="p0">&nbsp;&nbsp;setting&nbsp;CPP&nbsp;to&nbsp;"gcc&nbsp;-E"</p>
<p class="p0">&nbsp;&nbsp;setting&nbsp;CFLAGS&nbsp;to&nbsp;"&nbsp;-g&nbsp;-O2&nbsp;-pthread"</p>
<p class="p0">&nbsp;&nbsp;setting&nbsp;CPPFLAGS&nbsp;to&nbsp;"&nbsp;-DLINUX&nbsp;-D_REENTRANT&nbsp;-D_GNU_SOURCE"</p>
<p class="p0">&nbsp;&nbsp;setting&nbsp;LDFLAGS&nbsp;to&nbsp;"&nbsp;"</p>
<p class="p0">configure:</p>
<p class="p0">configure:&nbsp;Configuring&nbsp;Apache&nbsp;Portable&nbsp;Runtime&nbsp;Utility&nbsp;library...</p>
<p class="p0">configure:</p>
<p class="p0">checking&nbsp;for&nbsp;APR-util...&nbsp;configure:&nbsp;error:&nbsp;the
&nbsp;--with-apr-util&nbsp;parameter&nbsp;is&nbsp;incorrect.&nbsp;It&nbsp;must&nbsp;sp
cify&nbsp;an&nbsp;install&nbsp;prefix,&nbsp;a&nbsp;build&nbsp;directory,&nbsp;or&nbsp;
n&nbsp;apu-config&nbsp;file.</p>
<p class="p0">[root@getlnx05&nbsp;httpd-2.4.6]#</p>
<p class="p0">一般是由于<span style="font-family: Arial;">APR-util</span><span style="font-family: 宋体;">没有安装成功，可以通过验证该目录是否为空来判断，因为你有时候执行了</span>
<span style="font-family: Arial;">make</span><span style="font-family: 宋体;">，忘了执行</span>
<span style="font-family: Arial;">make&nbsp;isntall</span><span style="font-family:
宋体;">命令有可能导致这个错误。</span></p>
<p class="p0">[root@getlnx05&nbsp;apr]#&nbsp;cd&nbsp;/usr/local/apr-util</p>
<p class="p0">[root@getlnx05&nbsp;apr-util]#&nbsp;ls</p>
<p class="p0">&nbsp;</p>
<p class="p0">问题<span style="font-family: Arial;">3</span><span style="font-family: 宋体">：没有指定</span><span style="font-family: Arial;">PCRE</span><span style="font-family: 宋体;">参数</span></p>
<p class="p0">[root@getlnx05&nbsp;httpd-2.4.6]#&nbsp;&nbsp;./configure&nbsp;--prefix=
usr/local/apache&nbsp;&nbsp;--with-apr=/usr/local/apr&nbsp;--with-apr-util=/usr/local/apr
util</p>
<p class="p0">checking&nbsp;for&nbsp;chosen&nbsp;layout...&nbsp;Apache</p>
<p class="p0">checking&nbsp;for&nbsp;working&nbsp;mkdir&nbsp;-p...&nbsp;yes</p>
<p class="p0">checking&nbsp;for&nbsp;grep&nbsp;that&nbsp;handles&nbsp;long&nbsp;li
es&nbsp;and&nbsp;-e...&nbsp;/bin/grep</p>
<p class="p0">checking&nbsp;for&nbsp;egrep...&nbsp;/bin/grep&nbsp;-E</p>
<p class="p0">checking&nbsp;build&nbsp;system&nbsp;type...&nbsp;x86_64-unknown-linu
-gnu</p>
<p class="p0">checking&nbsp;host&nbsp;system&nbsp;type...&nbsp;x86_64-unknown-linux
gnu</p>
<p class="p0">checking&nbsp;target&nbsp;system&nbsp;type...&nbsp;x86_64-unknown-lin
x-gnu</p>
<p class="p0">configure:</p>
<p class="p0">configure:&nbsp;Configuring&nbsp;Apache&nbsp;Portable&nbsp;Runtime&
bsp;library...</p>
<p class="p0">configure:</p>
<p class="p0">checking&nbsp;for&nbsp;APR...&nbsp;yes</p>
<p class="p0">&nbsp;&nbsp;setting&nbsp;CC&nbsp;to&nbsp;"gcc"</p>
<p class="p0">&nbsp;&nbsp;setting&nbsp;CPP&nbsp;to&nbsp;"gcc&nbsp;-E"</p>
<p class="p0">&nbsp;&nbsp;setting&nbsp;CFLAGS&nbsp;to&nbsp;"&nbsp;-g&nbsp;-O2&nbsp;-pthread"</p>
<p class="p0">&nbsp;&nbsp;setting&nbsp;CPPFLAGS&nbsp;to&nbsp;"&nbsp;-DLINUX&nb

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p;-D_REENTRANT&nbsp;&nbsp;-D_GNU_SOURCE" </p>
<p class="p0">&nbsp;&nbsp;&nbsp;setting&nbsp;&nbsp;LDFLAGS&nbsp;&nbsp;to&nbsp;&nbsp;"&nbsp;&nbsp;" </p>
<p class="p0">configure: </p>
<p class="p0">configure:&nbsp;&nbsp;Configuring&nbsp;&nbsp;Apache&nbsp;&nbsp;Portable&nbsp;&nbsp;Runtime&
&nbsp;&nbsp;Utility&nbsp;&nbsp;library... </p>
<p class="p0">configure: </p>
<p class="p0">checking&nbsp;&nbsp;for&nbsp;&nbsp;APR-util...&nbsp;&nbsp;yes </p>
<p class="p0">checking&nbsp;&nbsp;for&nbsp;&nbsp;gcc...&nbsp;&nbsp;gcc </p>
<p class="p0">checking&nbsp;&nbsp;whether&nbsp;&nbsp;the&nbsp;&nbsp;C&nbsp;&nbsp;compiler&nbsp;&nbsp;works...&
sp;yes </p>
<p class="p0">checking&nbsp;&nbsp;for&nbsp;&nbsp;C&nbsp;&nbsp;compiler&nbsp;&nbsp;default&nbsp;&nbsp;output&nbsp;&
file&nbsp;&nbsp;name...&nbsp;&nbsp;a.out </p>
<p class="p0">checking&nbsp;&nbsp;for&nbsp;&nbsp;suffix&nbsp;&nbsp;of&nbsp;&nbsp;executables... </p>
<p class="p0">checking&nbsp;&nbsp;whether&nbsp;&nbsp;we&nbsp;&nbsp;are&nbsp;&nbsp;cross&nbsp;&nbsp;compiling...&
bsp;no </p>
<p class="p0">checking&nbsp;&nbsp;for&nbsp;&nbsp;suffix&nbsp;&nbsp;of&nbsp;&nbsp;object&nbsp;&nbsp;files...&nbsp;&
o <
p>
<p class="p0">checking&nbsp;&nbsp;whether&nbsp;&nbsp;we&nbsp;&nbsp;are&nbsp;&nbsp;using&nbsp;&nbsp;the&nbsp;&nbsp;G
U&nbsp;&nbsp;C&nbsp;&nbsp;compiler...&nbsp;&nbsp;yes </p>
<p class="p0">checking&nbsp;&nbsp;whether&nbsp;&nbsp;gcc&nbsp;&nbsp;accepts&nbsp;&nbsp;-g...&nbsp;&nbsp;yes </p>
<p class="p0">checking&nbsp;&nbsp;for&nbsp;&nbsp;gcc&nbsp;&nbsp;option&nbsp;&nbsp;to&nbsp;&nbsp;accept&nbsp;&nbsp;IS
&nbsp;&nbsp;C89...&nbsp;&nbsp;none&nbsp;&nbsp;needed </p>
<p class="p0">checking&nbsp;&nbsp;how&nbsp;&nbsp;to&nbsp;&nbsp;run&nbsp;&nbsp;the&nbsp;&nbsp;C&nbsp;&nbsp;preprocess
r...&nbsp;&nbsp;gcc&nbsp;&nbsp;-E </p>
<p class="p0">checking&nbsp;&nbsp;for&nbsp;&nbsp;gcc&nbsp;&nbsp;option&nbsp;&nbsp;to&nbsp;&nbsp;accept&nbsp;&nbsp;IS
&nbsp;&nbsp;C99...&nbsp;&nbsp;-std=gnu99 </p>
<p class="p0">checking&nbsp;&nbsp;for&nbsp;&nbsp;pcre-config...&nbsp;&nbsp;false </p>
<p class="p0">configure:&nbsp;&nbsp;error:&nbsp;&nbsp;pcre-config&nbsp;&nbsp;for&nbsp;&nbsp;libpcre&nbsp;&
not
&nbsp;&nbsp;found.&nbsp;&nbsp;PCRE&nbsp;&nbsp;is&nbsp;&nbsp;required&nbsp;&nbsp;and&nbsp;&nbsp;available&nbsp;&nbsp;from&nbsp;&
;http://pcre.org/ </p>
<p class="p0">[root@getlnx05&nbsp;&nbsp;httpd-2.4.6]# </p>
<p class="p0">&nbsp;&nbsp;& </p>
<p class="p0">问题<span style="font-family: Arial;">4</span><span style="font-family: 宋体
">： 安装前忘了先安装</span><span style="font-family: Arial;">APR</span><span style="fon
t-family: 宋体;">相关包</span> </p>
<p class="p0">[root@getlnx05&nbsp;&nbsp;httpd-2.4.6]#&nbsp;&nbsp;&./configure&nbsp;&
--prefix=
usr/local/apache/ </p>
<p class="p0">checking&nbsp;&nbsp;for&nbsp;&nbsp;chosen&nbsp;&nbsp;layout...&nbsp;&nbsp;Apache </p>
<p class="p0">checking&nbsp;&nbsp;for&nbsp;&nbsp;working&nbsp;&nbsp;mkdir&nbsp;&nbsp;-p...&nbsp;&
yes </p>
<p class="p0">checking&nbsp;&nbsp;for&nbsp;&nbsp;grep&nbsp;&nbsp;that&nbsp;&nbsp;handles&nbsp;&
long&nbsp;&
lies&nbsp;&
and&nbsp;&
-e...&nbsp;&
/bin/grep </p>
<p class="p0">checking&nbsp;&nbsp;for&nbsp;&nbsp;egrep...&nbsp;&
/bin/grep&nbsp;&
-E </p>
<p class="p0">checking&nbsp;&nbsp;build&nbsp;&
system&nbsp;&
type...&nbsp;&
x86_64-unknown-linu
-gnu </p>
<p class="p0">checking&nbsp;&
host&nbsp;&
system&nbsp;&
type...&nbsp;&
x86_64-unknown-linux
gnu </p>
<p class="p0">checking&nbsp;&
target&nbsp;&
system&nbsp;&
type...&nbsp;&
x86_64-unknown-lin
x-gnu </p>
<p class="p0">configure: </p>
<p class="p0">configure:&nbsp;&nbsp;Configuring&nbsp;&nbsp;Apache&nbsp;&nbsp;Portable&nbsp;&
Runtime&
bsp;library... </p>
<p class="p0">configure: </p>
<p class="p0">checking&nbsp;&nbsp;for&nbsp;&nbsp;APR...&nbsp;&
no </p>
<p class="p0">configure:&nbsp;&
error:&nbsp;&
APR&nbsp;&
not&nbsp;&
found.&nbsp;&
&nbsp;&
Plea

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e read the documentation.</p>  
<p class="p0">[root@getlnx05 httpd-2.4.6]#</p>  
<p class="p0">&nbsp;</p>  
<p class="p0">问题<span style="font-family: Arial;">5</span><span style="font-family: 宋体">: 启动服务时报错</span></p>  
<p class="p0">[root@getlnx05 httpd-2.4.6]#&nbsp;&nbsp;&nbsp;/usr/local/apache/bin/apachectl start</p>  
<p class="p0">AH00558:&nbsp;httpd:&nbsp;Could not reliably determine the server's fully qualified domain name, using getlnx05.gfg1.esquel.com.&nbsp;Set the 'ServerName' directive globally to suppress this message</p>  
<p class="p0">这个时候需要编辑<span style="font-family: Arial;">httpd.conf</span><span style="font-family: 宋体;">配置文件，添加</span><span style="font-family: Arial;">ServerName</span><span style="font-family: 宋体;">的具体</span><span style="font-family: Arial;">I</span><span style="font-family: 宋体;">地址。如下所示</span></p>  
<p class="p0">[root@getlnx05 conf]#&nbsp;cd /usr/local/apache/conf/</p>  
<p class="p0">[root@getlnx05 conf]#&nbsp;ls</p>  
<p class="p0">extra &nbsp;&nbsp;httpd.conf &nbsp;&nbsp;magic &nbsp;&nbsp;mime.types &nbsp;&nbsp;original</p>  
<p class="p0">[root@getlnx05 conf]#&nbsp;vi httpd.conf</p>  
<p class="p0">ServerAdmin you@example.com</p>  
<p class="p0">#</p>  
<p class="p0">#&nbsp;ServerName gives the name and port that the server uses to identify itself.</p>  
<p class="p0">#&nbsp;This can often be determined automatically, but we recommend you specify</p>  
<p class="p0">#&nbsp;it explicitly to prevent problems during startup.</p>  
<p class="p0">#</p>  
<p class="p0">#&nbsp;If your host doesn't have a registered DNS name, enter its IP address here.</p>  
<p class="p0">#</p>  
<p class="p0">#ServerName www.example.com:80</p>  
<p class="p0">ServerName 192.168.9.122:80</p>  
<p class="p0">#</p>  
<p class="p0">#&nbsp;Deny access to the entirety of your server's filesystem. You must</p>  
<p class="p0">#&nbsp;explicitly permit access to web content directories in other</p>  
<p class="p0">#&nbsp;&lt;Directory>&nbsp;blocks below.</p>  
<p class="p0">#</p>  
<p class="p0">"httpd.conf"&nbsp;502L,&nbsp;18179C&nbsp;written</p>  
<p class="p0">[root@getlnx05 conf]#&nbsp;/usr/local/apache/bin/apachectl restart</p>  
<p class="p0">httpd not running,&nbsp;trying to start</p>  
<p class="p0">[root@getlnx05 conf]#&nbsp;/usr/local/apache/bin/apachectl start</p>  
<p class="p0">httpd (pid 7797)&nbsp;already running</p>  
<p class="p0">如果从其它电脑连接访问<span style="font-family: Arial;">Apache</span><span style="font-family: 宋体;">时，输入</span><span style="font-family: Arial;">url</span><span style="font-family: 宋体;">地址：</span><span style="font-family: Arial;">http://192.168.9.22</span><span style="font-family: 宋体;">页面没有显示正常，而上面配置也</span><span style="font-family: Arial;">OK</span><span style="font-family: 宋体;">，那么你必须关闭防火墙

有时候甚至需要重启电脑才能OK,重启Apache服务都无效。

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<p class="p0">[root@getlnx05  conf]#  chkconfig  iptables  off</p>
<p class="p0">[root@getlnx05  conf]#  chkconfig  iptables  off</p>
<p class="p0">[root@getlnx05  conf]#  /usr/local/apache/bin/apachectl  re
tart</p>
<p class="p0">[root@getlnx05  conf]#  /usr/local/apache/bin/apachectl  re
tart</p>
<p class="p0">[root@getlnx05  conf]#</p>
<p class="p0">&nbsp; </p>
<p class="p0">&nbsp; </p>
<p class="p0">&nbsp; </p>
</div>
</div>
```