

# Codis 安装

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原文链接: <https://ld246.com/article/1482735132074>

来源网站: [链滴](#)

许可协议: [署名-相同方式共享 4.0 国际 \(CC BY-SA 4.0\)](#)

<p>注：以下 \$( ) 里面的内容都要自己修改</p>

<h2 id="安装zookeeper">安装 zookeeper</h2>

<h3 id="下载zookeeper">下载 zookeeper</h3>

```
<pre><code class="highlight-chroma"><span class="highlight-line"><span class="highlight-cl">
```

```
</span></span><span class="highlight-line"><span class="highlight-cl">wget http://mirror
```

```
</span></span></code></pre>
```

<h3 id="然后解压安装">然后解压安装</h3>

```
<pre><code class="highlight-chroma"><span class="highlight-line"><span class="highlight-cl">
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```
</span></span><span class="highlight-line"><span class="highlight-cl">tar -C /opt -xf zoo
```

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</span></span><span class="highlight-line"><span class="highlight-cl">
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</span></span><span class="highlight-line"><span class="highlight-cl">cd /opt
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</span></span><span class="highlight-line"><span class="highlight-cl">
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</span></span><span class="highlight-line"><span class="highlight-cl">mv zookeeper-3.4
```

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</span></span><span class="highlight-line"><span class="highlight-cl">chown root:root -
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</span></span><span class="highlight-line"><span class="highlight-cl">
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</span></span><span class="highlight-line"><span class="highlight-cl">
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```
</span></span><span class="highlight-line"><span class="highlight-cl">cd zookeeper
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</span></span><span class="highlight-line"><span class="highlight-cl">
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</span></span><span class="highlight-line"><span class="highlight-cl">
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```
</span></span><span class="highlight-line"><span class="highlight-cl">cp conf/zoo_samp
```

```
</span></span></code></pre>
```

<h3 id="将zookeeper加入环境变量">将 zookeeper 加入环境变量</h3>

<p>vim /etc/profile</p>

<p>␣</p>

<p>export PATH=\$PATH:/usr/local/zookeeper/bin</p>

<h3 id="使刚才的设置生效">使刚才的设置生效</h3>

<p>source /etc/profile</p>

<h3 id="编辑zookeeper的配置文件">编辑 zookeeper 的配置文件</h3>

<p>vim /usr/local/zookeeper/conf/zoo.cfg</p>

<p>␣</p>

<p>tickTime=2000</p>

<p>␣</p>

<p>initLimit=10</p>

<p>␣</p>

<p>syncLimit=5</p>

<p>␣</p>

<p>clientPort=2181</p>

<p>␣</p>

```
<p>dataLogDir=/usr/local/zookeeper/logs</p>
<p></p>
<p>dataDir=/usr/local/zookeeper/data</p>
<p></p>
<p>server.1= $(1.ip):2888:3888</p>
<p></p>
<p>server.2= $(2.ip):2888:3888</p>
<p></p>
<p>server.3= $(3.ip):2888:3888</p>
<h3 id="修改完配置文件-创建data和logs的文件夹">修改完配置文件，创建 data 和 logs 的文件夹</h3>
<p>mkdir -p /usr/local/zookeeper/logs</p>
<p></p>
<p>mkdir -p /usr/local/zookeeper/data</p>
<h3 id="在各个安装zookeeper的服务器上分别执行以下命令">在各个安装 zookeeper 的服务器上分别执行以下命令</h3>
<p>server.1</p>
<p>echo "1" &gt; /opt/zookeeper/data/myid</p>
<p>server.2</p>
<p>echo "2" &gt; /opt/zookeeper/data/myid</p>
<p>server.3</p>
<p>echo "3" &gt; /opt/zookeeper/data/myid</p>
<h3 id="启动">启动</h3>
<p>在 zookeeper 目录下</p>
<p>bin/zkServer.sh start</p>
<p>ps:在启动第一台 zookeeper 的时候可能会报错，等三台 zookeeper 全部启动完成之后就不会错了。</p>
<h2 id="安装codis">安装 codis</h2>
<h3 id="安装GO语言">安装 GO 语言</h3>
<h3 id="下载安装包">下载安装包</h3>
<p>wget <a href="https://ld246.com/forward?goto=https%3A%2F%2Fgolang.org%2Fdl%2Fo1.7.3.linux-amd64.tar.gz" target="_blank" rel="nofollow ugc">https://golang.org/dl/go1.7.3.linux-amd64.tar.gz</a></p>
<p>tar -zxvf go1.7.3.linux-amd64.tar.gz /usr/local</p>
<h3 id="设置go的环境变量">设置 go 的环境变量</h3>
<p>GOROOT=/usr/local/go</p>
<p></p>
<p>export PATH=<span class="language-math">PATH:</span>GOROOT/bin</p>
<h3 id="让环境变量生效">让环境变量生效</h3>
<h3 id="codis安装">codis 安装</h3>
<h3 id="下载源码到-GOPATH-src-github-com-CodisLabs-codis">下载源码到 $GOPATH/src/github.com/CodisLabs/codis</h3>
<p><span class="language-math"> mkdir -p </span>GOPATH/src/github.com/CodisLabs</p>
<p><span class="language-math"> cd </span>_&& git clone <a href="https://ld46.com/forward?goto=https%3A%2F%2Fgithub.com%2FCodisLabs%2Fcodis.git" target="_blank" rel="nofollow ugc">https://github.com/CodisLabs/codis.git</a> -b release3.1</p>
<h3 id="离线安装godep">离线安装 godep</h3>
<p>离线安装 godep 方法: </p>
<p></p>
<p>运行 git clone <a href="https://ld246.com/forward?goto=https%3A%2F%2Fgithub.com%2Ftools%2Fgodep.git" target="_blank" rel="nofollow ugc">https://github.com/tools/godep.git</a> 下载 godep 源码; </p>
<p>将 godep 目录移动到 $GOPATH/src/github.com/tools/godep, 并进入该目录; </p>
```

<p>运行命令 go install ./, 该命令会将 godep 生成到 \$GOPATH/bin 下。 </p>  
<h3 id="编译codis">编译 codis</h3>  
<p>在 codis 主目录下执行 make</p>  
<h3 id="启动及参数">启动及参数</h3>  
<h4 id="codis-dashboard">codis dashboard</h4>  
<p>执行</p>  
<p>./bin/codis-dashboard --default-config | tee dashboard.toml</p>  
<p>生成配置文件:dashboard.toml 修改配置文件</p>  
<p>vim dashboard.toml</p>  
<p>将 product\_auth = ""</p>  
<p>改为 product\_auth = "\$(password)" </p>  
<p>启动 codis dashboard</p>  
<p>nohup ./bin/codis-dashboard --ncpu=4 --config=dashboard.toml \</p>  
<p>--log=dashboard.log --log-level=WARN &amp;</p>  
<h4 id="codis-proxy">codis proxy</h4>  
<p>执行</p>  
<p>./bin/codis-proxy --default-config | tee proxy.toml</p>  
<p>生成配置文件:proxy.toml 修改配置文件</p>  
<p>vim dashboard.toml</p>  
<p>将 product\_auth = ""</p>  
<p>改为 product\_auth = "\$(password)" </p>  
<p>启动 codis proxy,密码需与 dashboard 密码一致</p>  
<p>nohup ./bin/codis-proxy --ncpu=4 --config=proxy.toml \</p>  
<p>--log=proxy.log --log-level=WARN &amp;</p>  
<h4 id="启动codis-fe">启动 codis-fe</h4>  
<p>执行</p>  
<p>./bin/codis-admin --dashboard-list --zookeeper=127.0.0.1:2181 | tee codis.json</p>  
<p>生成配置文件: codis.json 启动 FE</p>  
<p>nohup ./bin/codis-fe --ncpu=4 --log=fe.log --log-level=WARN \</p>  
<p>--dashboard-list=codis.json --listen=\$(IP):8080 &amp;</p>  
<h4 id="启动codis-server">启动 codis-server</h4>  
<ul>  
<li>编辑 redis 配置文件 在 codis 主目录下执行以下命令</li>  
</ul>  
<p>mkdir conf</p>  
<p>cp extern/redis-3.2.4/redis.conf conf</p>  
<p>cp conf/redis.conf conf/redis-6379.conf</p>  
<p>vim conf/redis-6379.conf</p>  
<p>//修改以下内容</p>  
<p>daemonize yes</p>  
<p>port 6379</p>  
<p>requirepass \$(password) //此处密码应与 dashboard 和 proxy 密码一致</p>  
<p>bind 0.0.0.0 // 设置监听 ip</p>  
<p>//我修改的配置文件到此为止, 最下面附上网上的配置文件, 没经测试</p>  
<p>cp conf/redis-6379.conf conf/redis-6380.conf</p>  
<p>cp conf/redis-6379.conf conf/redis-6479.conf</p>  
<p>.....</p>  
<p>vim conf/redis-\$(port).conf</p>  
<p>//修改端口</p>  
<p>port \$(port)</p>  
<p>启动 codis-server./bin/codis-server /usr/local/src/github.com/CodisLabs/codis/conf/redis \$(port).conf</p>  
<p>浏览器登录 \$(ip):8080 添加即可</p>  
<p>附<a href="https://ld246.com/forward?goto=https%3A%2F%2Fgithub.com%2FCodisLab" data-bbox="115 873 905 887">

[%2Fcodis%2Fblob%2Frelease3.1%2Fdoc%2Ftutorial\\_zh.md](#) target="\_blank" rel="nofollow">官方说明文档 //内有配置文件主要参数说明 redis.conf 考虑性能, 主库关闭 aof 和 rdp, 从只开启 aof:

将 redis6379.conf 更改以下参数(主库):  
daemonize yespidfile /codisapp/run/codis/redis639.pidport 6379timeout 86400tcp-keepalive 60loglevel noticelogfile /codisapp/logs/codis/redis6379.logdatabases 16save ""

save 900 1 -----关闭aof

save 300 10

save 60 10000

stop-writes-on-bgsave-error nordbcompression yesdbfilename dump6379.rdbdir /codispp/dbdat/redis\_data\_6379masterauth "xxxxx"slave-serve-stale-data yesrepl-disable-tcp-nodeay noslave-priority 100requirepass "xxxxx"maxmemory 10gbmaxmemory-policy allkeys-lruappendonly noappendfsync everysecno-appendfsync-on-rewrite yesauto-aof-rewrite-percentage 100auto-aof-rewrite-min-size 64mblua-time-limit 5000slowlog-log-slower-than 10000slowlog-max-len 128hash-max-ziplist-entries 512hash-max-ziplist-value 64list-max-ziplist-entries 512list-max-ziplist-value 64set-max-intset-entries 512zset-max-ziplist-entries 128zset-max-ziplist-value 64client-output-buffer-limit normal 0 0 0client-output-buffer-limit slave 0 0 0client-output-buffer-limit pubsub 0 0 0hz 10aof-rewrite-incremental-fsync yes