

# Tomcat 使用 tomcat 用户启动无法访问

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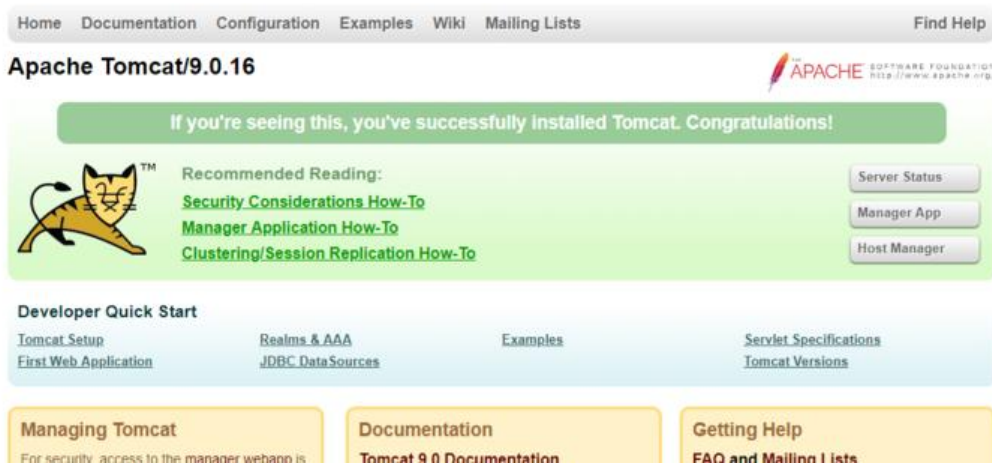
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来源网站: [链滴](#)

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

- 用root用户直接启动没有问题

`/opt/tomcat/bin/startup.sh`



- 创建tomcat用户

```
useradd -s /bin/false -g tomcat -d /opt/tomcat tomcat
cd /opt/tomcat
sudo chgrp -R tomcat /opt/tomcat
sudo chmod -R g+r conf
sudo chmod g+x conf
chown -R tomcat webapps/ work/ temp/ logs/
/etc/systemd/system/tomcat.service
```

[Unit]

Description=Apache Tomcat Web Application Container  
After=network.target

[Service]

Type=forking

Environment=JRE\_HOME=/usr/local/jre

Environment=CATALINA\_PID=/opt/tomcat/temp/tomcat.pid

Environment=CATALINA\_HOME=/opt/tomcat

Environment=CATALINA\_BASE=/opt/tomcat

Environment='CATALINA\_OPTS=-Xms512M -Xmx1024M -server -XX:+UseParallelGC'

Environment='JAVA\_OPTS=-Djava.awt.headless=true -Djava.security.egd=file:/dev/./urand'

ExecStart=/opt/tomcat/bin/startup.sh

ExecStop=/opt/tomcat/bin/shutdown.sh

User=tomcat

Group=tomcat

UMask=0007

RestartSec=10

Restart=always

[Install]

## WantedBy=multi-user.target

### ● 正常启动

```
root@lbb:/opt/tomcat# vim /etc/systemd/system/tomcat.service
root@lbb:/opt/tomcat# systemctl daemon-reload
root@lbb:/opt/tomcat# systemctl start tomcat
root@lbb:/opt/tomcat# systemctl status tomcat
● tomcat.service – Apache Tomcat Web Application Container
   Loaded: loaded (/etc/systemd/system/tomcat.service; enabled; vendor preset: enabled)
   Active: active (running) since Wed 2019-03-06 10:01:27 CST; 13s ago
     Process: 20179 ExecStart=/opt/tomcat/bin/startup.sh (code=exited, status=0/SUCCESS)
    Main PID: 20187 (catalina.sh)
      Tasks: 43 (limit: 4915)
     CGroup: /system.slice/tomcat.service
            └─20187 /bin/sh /opt/tomcat/bin/catalina.sh start
            └─20188 /usr/local/jre/bin/java -Djava.util.logging.config.file=/opt/tomcat/conf/logging.properties -Djava.util.lo

Mar 06 10:01:27 lbb systemd[1]: tomcat.service: Service hold-off time over, scheduling restart.
Mar 06 10:01:27 lbb systemd[1]: Stopped Apache Tomcat Web Application Container.
Mar 06 10:01:27 lbb systemd[1]: Starting Apache Tomcat Web Application Container...
Mar 06 10:01:27 lbb systemd[1]: Started Apache Tomcat Web Application Container.
```

### ● 无法访问

## HTTP Status 500 – Internal Server Error

### Type 异常报告

消息 java.lang.IllegalStateException: No output folder

描述 服务器遇到一个意外的情况，阻止它完成请求。

### Exception

```
org.apache.jasper.JasperException: java.lang.IllegalStateException: No output folder
  org.apache.jasper.servlet.JspServletWrapper.handleJspException(JspServletWrapper.java:604)
  org.apache.jasper.servlet.JspServletWrapper.service(JspServletWrapper.java:435)
  org.apache.jasper.servlet.JspServlet.serviceJspFile(JspServlet.java:385)
  org.apache.jasper.servlet.JspServlet.service(JspServlet.java:329)
  javax.servlet.http.HttpServlet.service(HttpServlet.java:741)
  org.apache.tomcat.websocket.server.WsFilter.doFilter(WsFilter.java:53)
```

### Root Cause

```
java.lang.IllegalStateException: No output folder
  org.apache.jasper.JspCompilationContext.createOutputDir(JspCompilationContext.java:695)
  org.apache.jasper.JspCompilationContext.getOutputDir(JspCompilationContext.java:202)
  org.apache.jasper.JspCompilationContext.getClassFileName(JspCompilationContext.java:543)
  org.apache.jasper.compiler.Compiler.isOutDated(Compiler.java:468)
  org.apache.jasper.compiler.Compiler.isOutDated(Compiler.java:434)
  org.apache.jasper.JspCompilationContext.compile(JspCompilationContext.java:596)
  org.apache.jasper.servlet.JspServletWrapper.service(JspServletWrapper.java:399)
  org.apache.jasper.servlet.JspServlet.serviceJspFile(JspServlet.java:385)
  org.apache.jasper.servlet.JspServlet.service(JspServlet.java:329)
  javax.servlet.http.HttpServlet.service(HttpServlet.java:741)
  org.apache.tomcat.websocket.server.WsFilter.doFilter(WsFilter.java:53)
```

**Note** 主要问题的全部 stack 信息可以在 server logs 里查看

## Apache Tomcat/9.0.16

## 哪里配置错了？