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Linux - 离线安装telnet命令服务教程（CentOS系统为例）

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由于公司服务器使用的是内网，无法通过 `yum install telnet-server` 命令直接在线安装 `telnet`。下面演示何如通过下载离线包，手动进行安装（这里以 `CentOS 7` 系统为例）。

1，离线包下载

(1) 首先下载 `telnet-client` (或 `telnet`) 客户端软件包，这里我们下载 `telnet-0.17-64.el7.x86_64.rpm` 版本：

- 下载地址：http://www.rpmfind.net/linux/rpm2html/search.php?query=telnet

telnet-0.17-73.el8.aarch64.html	The client program for the Telnet remote login protocol CentOS 8.1.1911 AppStream for aarch64	telnet-0.17-73.el8.aarch64.rpm
telnet-0.17-73.el8.ppc64le.html	The client program for the Telnet remote login protocol CentOS 8.1.1911 AppStream for ppc64le	telnet-0.17-73.el8.ppc64le.rpm
telnet-0.17-73.el8.x86_64.html	The client program for the Telnet remote login protocol CentOS 8.1.1911 AppStream for x86_64	telnet-0.17-73.el8.x86_64.rpm
telnet-0.17-65.el7.8.x86_64.html	The client program for the Telnet remote login protocol Updates for CentOS 7.8.2003 for x86_64	telnet-0.17-65.el7.8.x86_64.rpm
telnet-0.17-64.el7.x86_64.html	The client program for the Telnet remote login protocol CentOS 7.8.2003 for x86_64	telnet-0.17-64.el7.x86_64.rpm
telnet-0.17-49.el6.10.i686.html	The client program for the Telnet remote login protocol Updates for CentOS 6.10 for i386	telnet-0.17-49.el6.10.i686.rpm
telnet-0.17-49.el6.10.x86_64.html	The client program for the Telnet remote login protocol Updates for CentOS 6.10 for x86_64	telnet-0.17-49.el6.10.x86_64.rpm
telnet-0.17-48.el6.i686.html	The client program for the Telnet remote login protocol CentOS 6.10 for i386	telnet-0.17-48.el6.i686.rpm
telnet-0.17-48.el6.x86_64.html	The client program for the Telnet remote login protocol CentOS 6.10 for x86_64	telnet-0.17-48.el6.x86_64.rpm

(2) 接着下载真正的 `Telnet server` 软件包，这里我们下载 `telnet-server-0.17-64.el7.x86_64.rpm` 版本：

- 下载地址：http://www.rpmfind.net/linux/rpm2html/search.php?query=telnet-server(x86-64)

telnet-server-0.17-73.el8.11.x86_64.html	The server program for the Telnet remote login protocol CentOS 8.1.1911 AppStream for x86_64	telnet-server-0.17-73.el8.11.x86_64.rpm
telnet-server-0.17-73.el8.x86_64.html	The server program for the Telnet remote login protocol CentOS 8.1.1911 AppStream for x86_64	telnet-server-0.17-73.el8.x86_64.rpm
telnet-server-0.17-65.el7.8.x86_64.html	The server program for the Telnet remote login protocol Updates for CentOS 7.8.2003 for x86_64	telnet-server-0.17-65.el7.8.x86_64.rpm
telnet-server-0.17-64.el7.x86_64.html	The server program for the Telnet remote login protocol CentOS 7.8.2003 for x86_64	telnet-server-0.17-64.el7.x86_64.rpm
telnet-server-0.17-49.el6.10.x86_64.html	The server program for the Telnet remote login protocol Updates for CentOS 6.10 for x86_64	telnet-server-0.17-49.el6.10.x86_64.rpm
telnet-server-0.17-48.el6.x86_64.html	The server program for the Telnet remote login protocol CentOS 6.10 for x86_64	telnet-server-0.17-48.el6.x86_64.rpm

(3) 由于 `telnet-server` 服务启动依赖 `xinetd` 服务，最后还要下载 `xinetd` 安装包，这里我们下载 `xinetd-2.3.14-40.el6.x86_64.rpm` 版本：

- 下载地址：http://www.rpmfind.net/linux/rpm2html/search.php?query=xinetd

xinetd-2.3.15-1.mga2.x86_64.html	Powerful replacement for inetd	Mageia 2 for x86_64	xinetd-2.3.15-1.mga2.x86_64.rpm
xinetd-2.3.15-1.mga1.i586.html	Powerful replacement for inetd	Mageia 1 for i586	xinetd-2.3.15-1.mga1.i586.rpm
xinetd-2.3.15-1.mga1.x86_64.html	Powerful replacement for inetd	Mageia 1 for x86_64	xinetd-2.3.15-1.mga1.x86_64.rpm
xinetd-2.3.14-40.el6.i686.html	A secure replacement for inetd	CentOS 6.10 for i386	xinetd-2.3.14-40.el6.i686.rpm
xinetd-2.3.14-40.el6.x86_64.html	A secure replacement for inetd	CentOS 6.10 for x86_64	xinetd-2.3.14-40.el6.x86_64.rpm
xinetd-2.3.14-14.mga2.i586.html	Powerful replacement for inetd	Mageia 2 for i586	xinetd-2.3.14-14.mga2.i586.rpm
xinetd-2.3.14-14.mga2.x86_64.html	Powerful replacement for inetd	Mageia 2 for x86_64	xinetd-2.3.14-14.mga2.x86_64.rpm
xinetd-2.3.14-13.mga1.i586.html	Powerful replacement for inetd	Mageia 1 for i586	xinetd-2.3.14-13.mga1.i586.rpm
xinetd-2.3.14-13.mga1.x86_64.html	Powerful replacement for inetd	Mageia 1 for x86_64	xinetd-2.3.14-13.mga1.x86_64.rpm

2，开始安装

(1) 将下载下来的三个 `rpm` 包上传到服务器，首先执行如下命令安装 `xinetd`：

```
1 rpm -ivh xinetd-2.3.14-40.el6.x86_64.rpm
```

(2) 接着执行如下命令安装客户端：

```
1 rpm -ivh telnet-0.17-64.el7.x86_64.rpm
```

(3) 最后执行如下命令安装服务端：

```
1 rpm -ivh telnet-server-0.17-64.el7.x86_64.rpm
```

(4) 安装后可以执行如下命令查看是否安装成功：

```
1 rpm -qa | grep telnet
2 rpm -qa | grep xinetd
```

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```
telnet> [root@localhost test]# rpm -qa | grep telnet
telnet-server-0.17-64.el7.x86_64
telnet-0.17-64.el7.x86_64
[root@localhost test]# rpm -qa | grep xinetd
xinetd-2.3.14-40.el6.x86_64
[root@localhost test]#
```

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3, 启动服务

(1) telnet 服务默认是不开启的, 编辑 telnet 配置文件:

```
1 vi /etc/xinetd.conf/telnet
```

(2) 将文件中 **disable = yes** 修改为 **disable = no** (如果 telnet 文件不存在也没关系, 我们直接创建, 文件内容如下):

```
1 service telnet
2 {
3     flags = REUSE
4     socket_type = stream
5     wait = no
6     user = root
7     server = /usr/sbin/in.telnetd
8     log_on_failure += USERID
9     disable = no
10 }
```

(3) 执行如下命令启动 telnet 依赖的 xinetd 服务:

```
1 service xinetd restart
```

(4) 接着执行如下命令查看 xinetd 是否启动:

```
1 ps -ef|grep xinetd
```

```
[root@localhost ~]# ps -ef|grep xinetd
root      114473      1   0  3月27 ?        00:00:00 xinetd -stayalive -pidfile /var/run/xinetd.pid
root      115475  115461   0  07:13 pts/0    00:00:00 grep --color=auto xinetd
[root@localhost ~]#
```

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4, 开始测试

(1) 执行如下 telnet 命令:

```
1 telnet ip 端口
```

(2) 如果显示 **Connected** 则表示连通 (即指定 IP 的指定端口已开放):

```
[root@localhost ~]# telnet 192.168.43.96 3306
Trying 192.168.43.96...
Connected to 192.168.43.96.
Escape character is '^['.
]
```

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