

用telnet探索FTP协议

用telnet和文件服务器21端口 建立连接

 C:\WINDOWS\system32\cmd.exe

C:\>

C:\>telnet ftp.ustb.edu.cn 21

服务器返回

```
C:\ Telnet ftp.ustb.edu.cn
```

```
220 USTB FTP server (IPv6 mode) ready. All transfers are logged.
```

用户认证（USER和PASS命令）

```
C:\ Telnet ftp.ustb.edu.cn
```

```
220 USTB FTP server (IPv6 mode) ready. All transfers are logged.  
USER anonymous  
331 Please specify the password.  
PASS  
230 Login successful.  
_
```

PASV命令-准备发送其他命令

 Telnet ftp.ustb.edu.cn

```
220 USTB FTP server (IPv6 mode) ready. All trans
USER anonymous
331 Please specify the password.
PASS
230 Login successful.
PASV
227 Entering Passive Mode (0,0,0,0,241,134).
```

建立数据连接

```
C:\ Telnet ftp.ustb.edu.cn
```

```
220 USTB FTP server (IPv6 mode) ready. All transfers
USER anonymous
331 Please specify the password.
PASS
230 Login successful.
PASV
227 Entering Passive Mode (0,0,0,0,241,134).
```

```
C:\WINDOWS\system32\cmd.exe
```

```
C:\>
C:\>telnet ftp.ustb.edu.cn 61830_
```

建立了数据连接

```
C:\ Telnet ftp.ustb.edu.cn
```

```
220 USTB FTP server (IPv6 mode) ready. All transfers a
```

```
USER anonymous
```

```
331 Please specify the password.
```

```
PASS
```

```
230 Login successful.
```

```
PASV
```

```
227 Entering Passive Mode (0,0,0,0,241,134).
```

```
C:\ Telnet ftp.ustb.edu.cn
```

用LIST命令显示文件列表

```
C:\> telnet ftp.ustb.edu.cn

220 USTB FTP server (IPv6 mode) ready. All transfers are
USER anonymous
331 Please specify the password.
PASS
230 Login successful.
PASV
227 Entering Passive Mode (0,0,0,0,241,134).
LIST_
```


LIST命令发出，数据连接收到列表

```
telnet ftp.ustb.edu.cn
220 USTB FTP server (IPv6 mode) ready. All transfers are logged.
USER anonymous
331 Please specify the password.
PASS
230 Login successful.
PASV
227 Entering Passive Mode (0,0,0,0,241,134).
LIST150 Here comes the directory listing.
226 Directory send OK.
```

```
telnet ftp.ustb.edu.cn
```

drwxr-sr-x	14	ftp	ftp	4096	Apr 27 18:07	AutoPatches
-rw-r--r--	1	ftp	ftp	767	May 03 2013	README.txt
drwxr-sr-x	31	ftp	ftp	4096	May 12 18:08	bases
drwxr-sr-x	2	ftp	ftp	4096	May 13 14:10	index
drwxr-sr-x	188	ftp	ftp	4096	May 13 05:16	pub
drwxr-sr-x	2	ftp	ftp	36864	Apr 01 2014	updates

失去了跟主机的连接。

RETR命令的尝试

The screenshot displays a terminal window with two distinct sections. The top section shows an active FTP session between a client and the server 'ftp.ustb.edu.cn'. The session includes commands like LIST, RETR, and PASV, along with their corresponding responses from the server. The bottom section shows the local file explorer view of the downloaded file 'README.txt'.

Terminal Output:

```
telnet ftp.ustb.edu.cn  
LIST150 Here comes the directory listing.  
226 Directory send OK.  
RETR README.txt  
425 Use PORT or PASU first.  
  
PASU  
227 Entering Passive Mode (0,0,0,0,245,80).  
RETR README.txt  
150 Opening BINARY mode data connection for README.txt (767 bytes).  
226 Transfer complete.  
-  
[Back Arrow]  
CA telnet ftp.ustb.edu.cn
```

Website Content (README.txt):

本站特色：

1. 微软安全补丁（WinXP/2003/vista/2008/7/8/2008R2/2012/Office/SQL等）及时更新。
2. Fedora、CentOS、Ubuntu、rpmfusion定期更新（每日1-4次脚本自动同步）。
3. Symantec/Kaspersky/TrendMicro/McAfee/CureIt/ClamAV系列病毒库全自动更新（脚本自动完成，1-2小时抓1次，保证最新！）
4. 优秀的工具软件、救命软件、常见驱动（如ATI、nVIDIA显卡），等等……

注：

1. 本站不提供大部头套装软件（如MS-Office、词霸），有需者请另觅它站。
2. 每IP最多可开2个线程，其余自动踢掉。如额外线程连接过频造成服务器负担过重者，封无限期不许登录！被封最小单元为C类子网，大可至IP所在的ISP网段（以WHOIS查询结果为准）！Windows用户推荐使用Netants、flashget、Total Commander下载。
3. 支持IPv6，域名ftp.ustb.edu.cn，双栈模式下优先使用IPv6。

谢谢合作！

NetAnts：MaxConnection=2

失去了跟主机的连接。