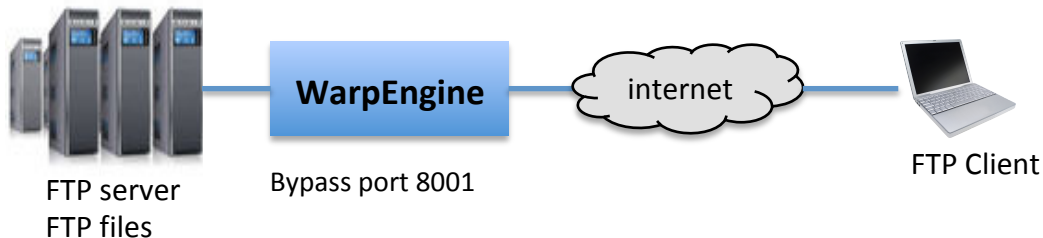




FTP testing

FTP Testing Scripts

- A bash script has been written to automate and record FTP transfers
- It is used to take multiple alternating measurements
- Specific files need to be deployed in advance on the test server
- Use non standard FTP ports to avoid issues
 - 8000 for WarpTCP, 8001 for TCP



Sample commands for FPT test server:

```
$ ./alternateFTP.sh --fileSize 100k --warpHost 118.70.2.147 --warpPort 8000 --standardHost 118.70.2.147 --standardPort 8001 --ftpUser ftpuser --ftpPassword 'badu;ftp!'
```

```
$ ./alternateFTP.sh --fileSize 1m --warpHost 118.70.2.147 --warpPort 8000 --standardHost 118.70.2.147 --standardPort 8001 --ftpUser ftpuser --ftpPassword 'badu;ftp!'
```



Test Script Help

```
$ ./alternateFTP.sh --help
```

Badu Networks FTP Test Script, version 1.2

```
Usage: ./alternateFTP.sh --fileSize 10k --warpHost 192.168.0.1 --warpPort 8000 --standardHost 192.168.0.1 --standardPort 8001 --ftpUser myUser --ftpPassword myPassword [--direction down] [--count 20] [--delay 0.2]
```

This script will perform FTP transfers using cURL against the provided hosts, alternating between the two. Output is given in CSV format. Results for specified warpHost will be labeled WarpTCP, and results for standardHost will be labeled TCP.

- fileSize : Specify the file size to transfer. On Badu test servers, the following file sizes are typically available: 5k, 10k, 50k, 100k, 500k, 1m, 5m, 10m
- warpHost : IP address or hostname of the optimized path
- warpPort : Destination TCP port for the optimized path
- standardHost : IP address or hostname of the bypass path
- standardPort : Destination TCP port for the bypass path
- ftpUser : The FTP username for your test server
- ftpPassword : The FTP password for your test server
- direction [OPTIONAL] : Specify the file transfer direction. Options are either up or down. Script defaults to down if this flag is not included.
- count [OPTIONAL] : Number of iterations. Defaults to 10 if not specified.
- delay [OPTIONAL]: Delay between file transfers, in seconds. Defaults to 0.1 seconds if not specified.
- help : Display this help information

