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# Fetch with FTP in ACNS 5.x.x Supported FTP Servers

Document ID: 61070

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## Questions

### Introduction

**Can the CE fetch content via FTP from any FTP server?**

**Which FTP servers have been tested and work with ACNS?**

**NetPro Discussion Forums – Featured Conversations**

**Related Information**

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## Introduction

In Application and Content Networking Software (ACNS) 5.x.x, the root Content Engine (CE) can be configured to fetch with HTTP or FTP from the origin server. This document discusses some caveats regarding the FTP server software.

Refer to Cisco Technical Tips Conventions for more information on document conventions.

### Q. Can the CE fetch content via FTP from any FTP server?

A. No. The FTP server software must support either:

- ◆ The MDTM **ftp** command
- ◆ The **LIST** command for files and the **LIST** command for folders

The reason for this is that the ACNS acquirer needs to know the last-modify time and file size before it can download the file. Currently, ACNS uses MDTM if the FTP server supports it; if not supported, ACNS uses the **LIST** command on the file. If both are not supported, fetching via FTP fails.

### Q. Which FTP servers have been tested and work with ACNS?

A. These have been tested with ACNS 5.x.x software:

- ◆ WS\_FTP server: [http://ftp6.ipswitch.com/Ipswitch/Product\\_Downloads/ifs\\_eval.exe](http://ftp6.ipswitch.com/Ipswitch/Product_Downloads/ifs_eval.exe)
- ◆ BulletProof FTP server: <http://archive.digitalcandle.com/ftpsetup.exe>
- ◆ Titan FTP server: <http://download.com.com/3001-2165-10202896.html>
- ◆ SurgeFT: [ftp://ftp.netwinsite.com/pub/surgeftp/surgeftp2-2g6\\_nt.exe](ftp://ftp.netwinsite.com/pub/surgeftp/surgeftp2-2g6_nt.exe)
- ◆ LiteServe: <http://download.com.com/3001-2165-10197127.html>
- ◆ SlimFTPd: <http://download.com.com/3001-2160-10117426.html>

**Note:** Within ACNS, the acquirer tries PASV first. If the server responds with an error or not-implement, ACNS uses PORT mode. The acquirer does support active mode (PORT) if the PASV command is not supported by the server. If the server hangs on the **PASV** command however, FTP fails and never attempts PORT mode.

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Networking Professionals Connection is a forum for networking professionals to share questions, suggestions, and information about networking solutions, products, and technologies. The featured links are some of the most recent conversations available in this technology.

NetPro Discussion Forums – Featured Conversations for CDN
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Emerging Technologies: Content Networking
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## Related Information

- [Cisco ACNS Software](#)
  - [Cisco Application and Content Networking Software \(ACNS\) Software](#)
  - [Technical Support & Documentation – Cisco Systems](#)
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