

# Features and commands settings documentation

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## 1. Introduction

The following documentation concerns all the [settings](#) that can be set for the provided FTP feature and standalone commands.

## 2. net.sbbi.jafs.commands.feat.Charset command settings

### 2.1. availableCharsets

This is the available character sets that can be changed by the client during a session this list depends on your JDK, a list of available character sets is generated as an error message if an unsupported character set is defined

## 3. net.sbbi.jafs.commands.feat.DirSize command settings

### 3.1. maxTreeDepth

A setting to define how many sub directories can be scanned to compute a directory size. -1 for an unlimited depth

## 4. net.sbbi.jafs.commands.feat.SearchPathWildcard command settings

### 4.1. minChars

The minimum number of characters for a search, -1 for an unlimited value

### 4.2. maxReturnedResults

The maximum number of results returned, -1 for an unlimited value

## 5. net.sbbi.jafs.commands.feat.Md5 command settings

### 5.1. maxFileSize

The maximum file size in bytes for MD5 computation. -1 for an unlimited depth

## 6. net.sbbi.jafs.commands.feat.Crc command settings

### 6.1. maxFileSize

The maximum file size in bytes for XCRC computation. -1 for an unlimited depth

## 7. net.sbbi.jafs.commands.Port command settings

### 7.1. replaceClientLocalNetworkIPWithWANIP

For PORT command some dummy ftp client behind nat send their LAN ip (such as 192.168.0.1) instead of the WAN IP which causes problems. When set to on and a client send the LAN ip, it will be replaced automatically with the WAN ip, when set to off, an error message will be returned to the client. Boolean setting accept *true* or *false*, default value set to *false*.

## 8. net.sbbi.jafs.commands.Pasv command settings

### 8.1. forceFirewallIpForLocalNetworkClients

The PASV comand will return by default the server local IP for local network clients. If the server network interface config firewall host IP is configured, this address will not be returned for local network clients. Under some circumstances this could be a problem, this setting force to return the firewall IP when provided, even for local network clients. Boolean setting accept *true* or *false*, default value set to *false*.

## 9. net.sbbi.jafs.commands.Eprt command settings

### 9.1. replaceClientLocalNetworkIPWithWANIP

For EPRT command some dummy ftp client behind nat send their LAN ip (such as 192.168.0.1) instead of the WAN IP which causes problems. When set to on and a client send the LAN ip, it will be replaced automatically with the WAN ip, when set to off, an error

message will be returned to the client.

## **10. net.sbbs.jafs.commands.Syst command settings**

### **10.1. systName**

By default the SYST command returns the system OS identifier, which can cause potential security or compatibility problems with FTP clients, this settings allows you to return a custom OS identifier when this command is invoked.

## **11. net.sbbs.jafs.commands.feats.Mode command settings**

### **11.1. modeZCompressionLevel**

The compression level when sending files in mode Z (Zlib), values between 0-9.

### **11.2. allowUserSpecificLevel**

Allows or not a session to change the default compression level via the OPTS MODE Z LEVEL command, default to true.