

Enterprise Server Edition - Files with Extended Attributes Skipped

Symptom

When backing up using the Enterprise Server Edition (ESE) the following error messages are seen for one or more files:

```
WARN : 12:46:16 Unsupported file entry F:\Data\Amity Island\Shark Reports\Chief Brody.pdf, attributes: 100
```

```
ERROR : 12:46:16 Skipping unknown entry F:\Data\Amity Island\Shark Reports\Chief Brody.pdf
```

Note: The actual attributes reported may differ. The "100" value indicates the "temporary" attribute.

Cause

Extended file attributes cannot be read in the current version of Enterprise Server Edition in some scenarios.

Files are created with different extended attributes set by some applications.

More detail of Windows File Attributes can be found here:

<https://msdn.microsoft.com/en-us/library/windows/desktop/gg258117%28v=vs.85%29.aspx>

Solution

Change the file attributes using PowerShell and the following commands:

```
Get-childitem D:\Data -recurse | ForEach-Object -process {if (($_.attributes -band 0x100) -eq 0x100) {$_.attributes = ($_.attributes -band 0xFEFF)}}}
```

Replace "D:\Data" with the appropriate file path, and "0x100" in both locations with the appropriate attribute that you wish to remove.

References:

<http://blogs.technet.com/b/askds/archive/2008/11/11/dfs-r-does-not-replicate-temporary-files.aspx>

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Known Issues & fixes -> Enterprise Server Edition - Files with Extended Attributes Skipped

<http://faq.attix5.com/index.php?View=entry&EntryID=309>