DISM.exe - feature installation stuck
3018280

Question / Problem:

When trying to install eFlow5

First, a side question – is DISM for Windows 2016 the same as for 2012?

Anyway, run the following scripts (from 2012) on Windows Server 2016 (as Administrator), like below.

The first DISM.EXE (related to IIS) resulted in the following error message:

Error: 50

The operation is complete but IIS-NetFxExtensibility feature was not enabled.

A required parent feature may not be enabled. You can use the /enable-feature /all option to automatically enable each parent feature from the following list. If the parent feature(s) are already enabled, refer to the log file for further diagnostics.

NetFx3, NetFx3ServerFeatures

The second DISM.EXE I modified, removed the /quiet switch to get the full output:

dism.exe /Online /enable-feature /FeatureName:NetFx3 /FeatureName:NetFx3ServerFeatures /FeatureName:WAS-WindowsActivationService /FeatureName:WAS-ProcessModel /FeatureName:WAS-NetFxEnvironment /FeatureName:WAS-ConfigurationAPI /FeatureName:WCF-NonHTTP-Activation /FeatureName:WCF-HTTP-Activation /FeatureName:WCF-HTTP-Activation45

Deployment Image Servicing and Management tool

Version: 10.0.14393.0

Image Version: 10.0.14393.2457

Enabling feature(s)

[===== 10.0% ]
And it gets stuck for 15 minutes.

In the Setup log I see only:

Initiating changes to turn on update WCF-HTTP-Activation45 of package Microsoft .NET Framework 4 WCF Components. Client id: DISM Package Manager Provider.

Then I finally press Ctrl+C to get

Error: 1223

Operation was incomplete because of a cancel request.

And in the log:

Update NetFx3 of package Microsoft .NET Framework 3.0 failed to be turned on. Status: 0x800f0820.

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**Answer / Solution:**

the workaround was to add Roles and Features manually

Open Server Manager

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**Server Roles**

In Roles assure the following Roles are enabled.

**Web Server (IIS)**

- Web Server
  - Common HTTP Features
    - Default Document
    - Directory Browsing
    - HTTP Errors
    - Static Contents
  - Health and Diagnostics
    - HTTP Logging
- Logging tools
- Request Monitor

- Performance
  - Static Content Compression

- Security
  - Request Filtering
  - Windows Authentication

- Application Development
  - .Net Extensibility 4.6
    - ASP.NET 4.6
    - ISAPI Extensions
    - ISAPI Filters

- Management Tools
  - ISS Management Console

In “Features”, assure the following “Features” are enabled

**Features**

- .NET Framework 3.5 Features
  - .NET Framework 3.5 (includes .NET 2.0 and 3.0)
  - Non-HTTP Activation

- .NET Framework 4.6 Features
  - ASP.NET 4.6
  - WCF Services
    - HTTP Activation
    - TCP Port Sharing

- Windows Process Activation Service
  - Process Model
  - .NET Environment 3.5
  - Configuration APIs

They were using this DISM below, but it was not working.

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https://knowledge.kofax.com/Top_Image_Systems/Troubleshooting/DISM.exe_-_feature_installation_stuck

Updated: Sun, 06 Dec 2020 17:57:57 GMT

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Applies to:

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