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Product Implementation Training (PIT)

IBM FileNet Content Manager 5.2.1 / IBM Content Foundation5.2.1

Installation

Introduction

- **Course Overview**
  - What's new in installation of IBM FileNet Content Manager 5.2.1 / IBM Content Foundation 5.2.1

- **Target Audience**
  - Support (L2) and Lab Services
  - Personnel working with customers

- **Suggested Prerequisites**
  - Familiarity with the installation, configuration, and functionality of the P8 Platform
  - High level knowledge of IBM FileNet P8 Platform

- **Version Release Date October 2014**

Course Objectives

After this course you will be able to:

- Distinguish between IBM FileNet Content Manager 5.2.1 and IBM Content Foundation 5.2.1 Installers
- Install IBM FileNet Content Manager 5.2.1 / IBM Content Foundation 5.2.1
- Upgrade Paths
- Troubleshooting

Course Roadmap

➔ **Difference between the two Installation Programs**

      IBM FileNet Content Manager

      IBM Content Foundation

- Installation Overview

- Reduced Installer size by bundling ReEngineered Ear files

- Upgrade Paths

- Troubleshooting

- Course Summary

Difference between the two Installation Programs

IBM FileNet Content Manager	IBM Content Foundation
Built for the platforms AIX, HPUX (Parisc), HPUX (Itanium), Linux, Solaris, Windows and zLinux	Built for the platforms AIX, Linux, Solaris, Windows and zLinux
Removes support for FileNet Enterprise Manager (from 5.2.1 onwards)	Removes support for FileNet Enterprise Manager (from 5.2.0 onwards)
Client installer supports Application Engine and Workplace XT	Client installer does not support Application Engine and Workplace XT
Installer naming convention: 5.2.1-P8CPE-WIN.EXE	Installer naming convention: 5.2.1-ICFCPE-WIN.EXE

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Installation Overview

- New installation same as previous release, with the same number of panels

- Upgrade installer (Server) assists user by pre-filling ".Net API COM Compatibility Layer Server URL" and "Specify Config URL" panel with values from previous installation.

- Upgrade installer (Client) assists user by pre-filling "Client Download" panel with values from previous installation

Course Roadmap

- Difference between the two Installation Programs

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Reduced Installer size by bundling ReEngineered Ear files

- CPE Server Installer Size exceeded 2GB during development in 5.2.1, resulting in failure to launch due to increasing size of Engine EAR files

- The CE/PE team re-engineered Engine EARs, by splitting common parts and application server specific parts, which gets now bundled in the installer

- Installer first builds an intermediate Ear file consisting of CE components

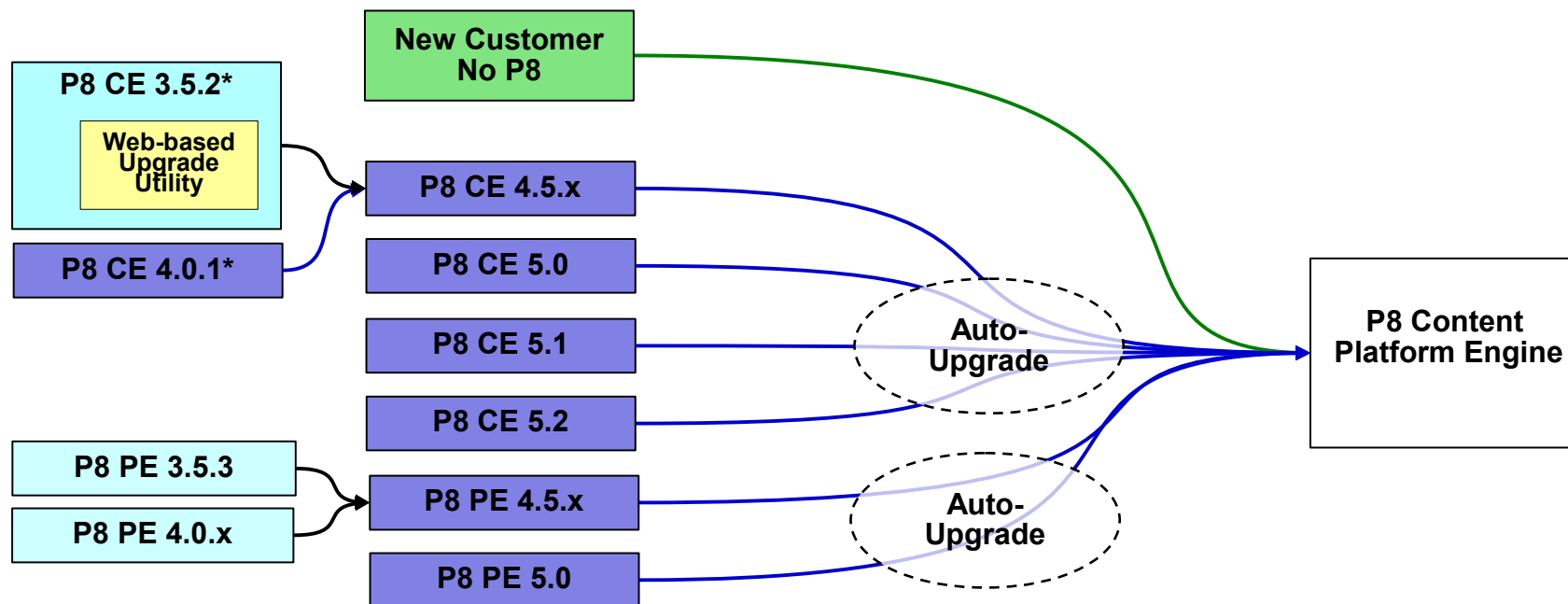- The final Ear file gets built under ContentEngine/lib folder, by combining the PE parts

- The re-engineered parts and the ant scripts (mergeears.xml and mergepe.xml) are moved into ContentEngine/lib/Stubs folder, for addressing a hypothetical scenario, if installer fails to create them

- "ant -f mergeears.xml" and "ant -f mergepe.xml" commands when executed sequentially would generate the EAR files manually

- Ant is bundled under ContentEngine\resources\apache-ant-1.9.2
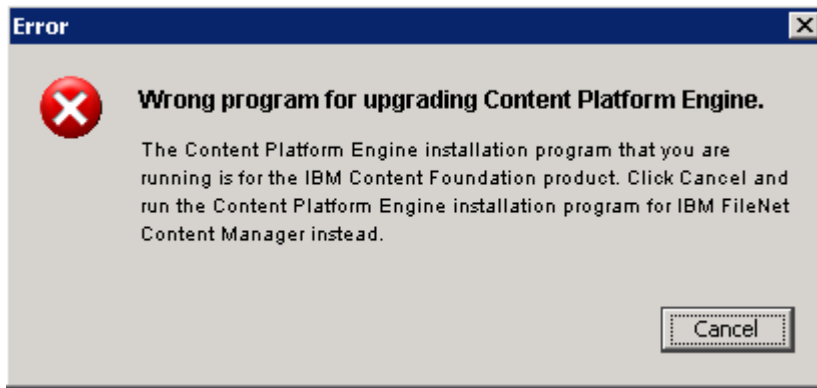
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Course Roadmap

- Difference between the two Installation Programs

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- Installation Overview

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➔ Upgrade Paths

- Troubleshooting

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Upgrade Paths

P8 CE 3.5.2*

Web-based Upgrade Utility

P8 CE 4.0.1*

New Customer No P8

P8 CE 4.5.x

P8 CE 5.0

P8 CE 5.1

P8 CE 5.2

Auto-Upgrade

P8 Content Platform Engine

P8 PE 3.5.3

P8 PE 4.0.x

P8 PE 4.5.x

P8 PE 5.0

Auto-Upgrade

Upgrade Paths

- Upgrade of an existing IBM FileNet Content Manager (server) installation using an IBM Content Foundation (server) installer is not allowed.

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- Installer would throw the following dialog

- A similar message would be thrown, if an upgrade of an existing IBM FileNet Content Foundation (server) installation is done using an IBM Content Manager (server) installer

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Troubleshooting

Installation logs:

ce_install_log_5.2.1.txt — Install log would be located in ContentEngine folder

ce521_install_stdout.txt — Install stdout log would be located in %TEMP% folder in Windows and /temp or /tmp on Unix

ce521_install_stderr.txt — Install stderr log would be located in %TEMP% folder in Windows and /temp or /tmp on Unix

Additional Troubleshooting:

Windows — Keep holding the CNTRL key for the duration of the installer launch, when it progresses from 0 to 100%.

Unix — Set an environment variable LAX_DEBUG to a value true and launch the installer.

This would launch a console window on Windows or would log console output on Unix.

The console output can be checked to detect any issue in the installation

Course Summary

You have completed this course and can:

- *Distinguish between IBM FileNet Content Manager 5.2.1 and IBM Content Foundation 5.2.1 Installers*

- *Install IBM FileNet Content Manager 5.2.1 / IBM Content Foundation 5.2.1*

- *Upgrade Paths*

- *Troubleshooting*

Contacts

- Product Marketing Manager:

- Product Manager:

- Subject Matter Experts (SME)/Area of Expertise:

  Rajagopalan P Krishnan (krishnanrp@in.ibm.com)

- Support:

Product Help/Documentation/Resources

- ## FileNet P8 Platform Infocenter

http://www.ibm.com/support/knowledgecenter/SSNW2F_5.2.1/com.ibm.p8toc.doc/filenetcontentmanager_5.2.0.htm?lang=en

- ## FileNet Content Foundation Infocenter

http://www.ibm.com/support/knowledgecenter/SSGLW6_5.2.1/com.ibm.p8toc.doc/filenetcontentmanager_5.2.0.htm?lang=en