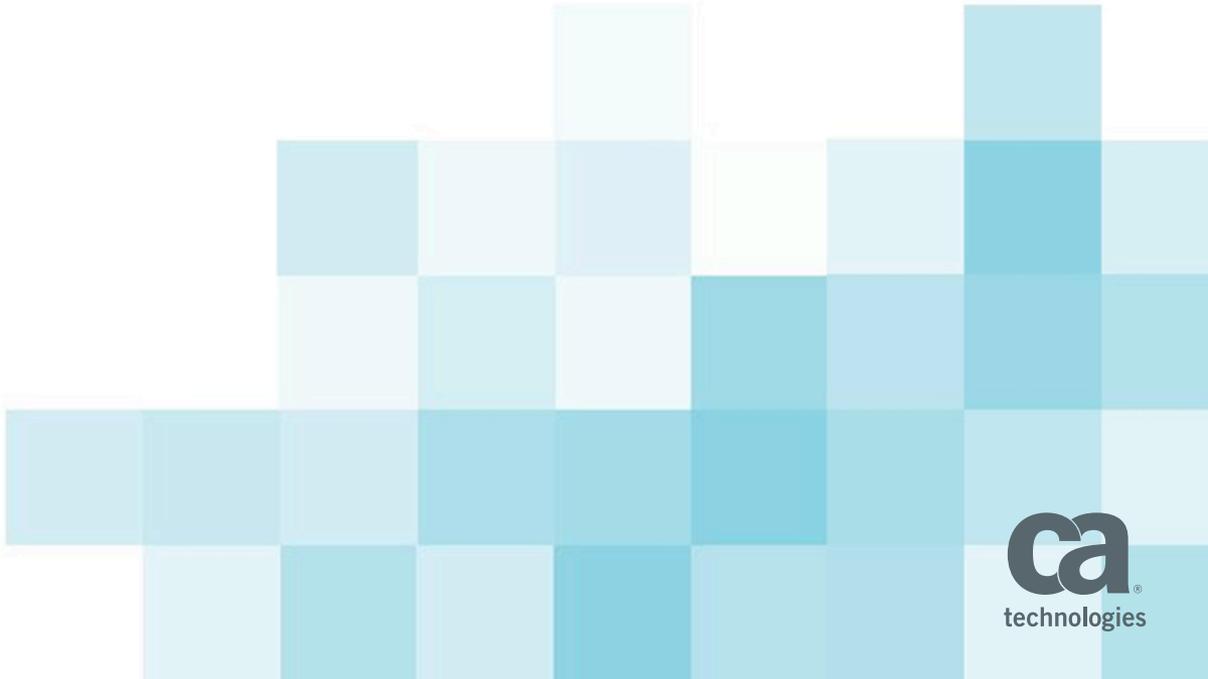


Endevor V18 Install & Maintenance

Keeping up to date with Endevor incremental releases and FDPs
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April 2016



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Agenda

1 INTRODUCTION – DIFFERENCE BETWEEN INSTALL AND MAINTENANCE

2 SCENARIOS - MAINTENANCE, APAR, FDP

3 COMPARE CSM AND ESD PROCESS / WHAT'S COMMON

4 FDP INSTALL/MAINTENANCE

5 DEMO(S)

6 STREAMLINING TIPS / BEST PRACTICE...

Introduction

Difference between install and (incremental) maintenance

Install

- Once for each major release
- Large functional change
- Big project, lots of testing
- Review every option/
customization
- Sandbox, before full
deployment

Maintenance

- Iteratively
(Each incremental?)
- Feature *and* maint PTFs
- Bite-sized, test what's
changed
- Re-use existing config
(check for retrofit)
- Sandbox/Logon Proc before
deployment

Some new terms apply to incremental release see: https://support.ca.com/phpdocs/0/common/Incremental_Releases_Support_Policy.pdf

Scenarios

Maintenance, APAR, FDP

- Maintenance
 - Published “Problem” PTFs (CARS Level)
 - Incremental “Feature” PTFs
 - Test APARs

- FDP
 - Prototype only
 - Preview of “user request” features not yet included
 - Your feedback will drive adoption..

If you are on incremental track – it’s strongly recommended you participate in validation reviews – vote when a feature provides MVP, raise a challenge when you foresee an issue, or a slight tweak that will add value

Scenarios

Maintenance, APAR, FDP

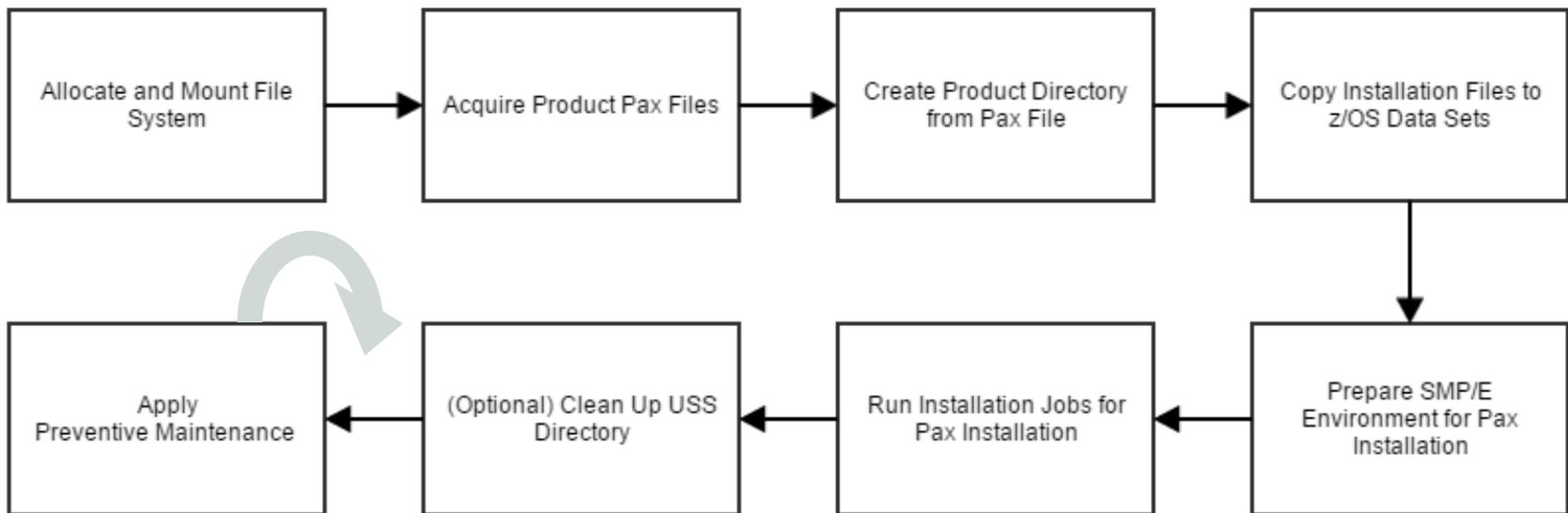
- Maintenance
 - Published “Problem” PTFs (CARS Level)
 - Incremental “Feature” PTFs
 - Test APARs

The screenshot displays the CA Chorus™ Software Manager interface. The main window shows the 'Software Status' tab with 'Product News' and 'New Maintenance' sections. The 'Product News' section highlights 'The Latest CA RS Maintenance Level: CARS1602'. The 'New Maintenance' section shows '40 new HIPERs are available for 12 products' and '2356 new maintenance packages are available for 38 products'. Overlaid on this is a 'Set Up Maintenance Update for CA Endeavor 18.0.0' dialog box. This dialog has a 'Receive Maintenance' checkbox checked, an 'Enable Scheduling' checkbox checked, and a 'Schedule Details' section with 'Recurrence' set to 'Weekly', 'Execute Update on' set to 'Sunday', 'System Time' set to '06:00:00', and 'Local Time' set to '07:00:00'. A second dialog box, 'Add External Maintenance', is also overlaid. It has a 'Type of Input Source' section with 'FTP File' selected. Below this, it has fields for 'FTP Host*' (supportftp.ca.com), 'FTP Port*' (21), 'FTP Path*' (0105246/00346956/files_from_ca/TR89290.bin), 'Maintenance Name*' (TR89290), 'User Name*' (ocleo01@ca.com), and 'Password*'. The dialog has 'OK', 'Cancel', and 'Help' buttons.

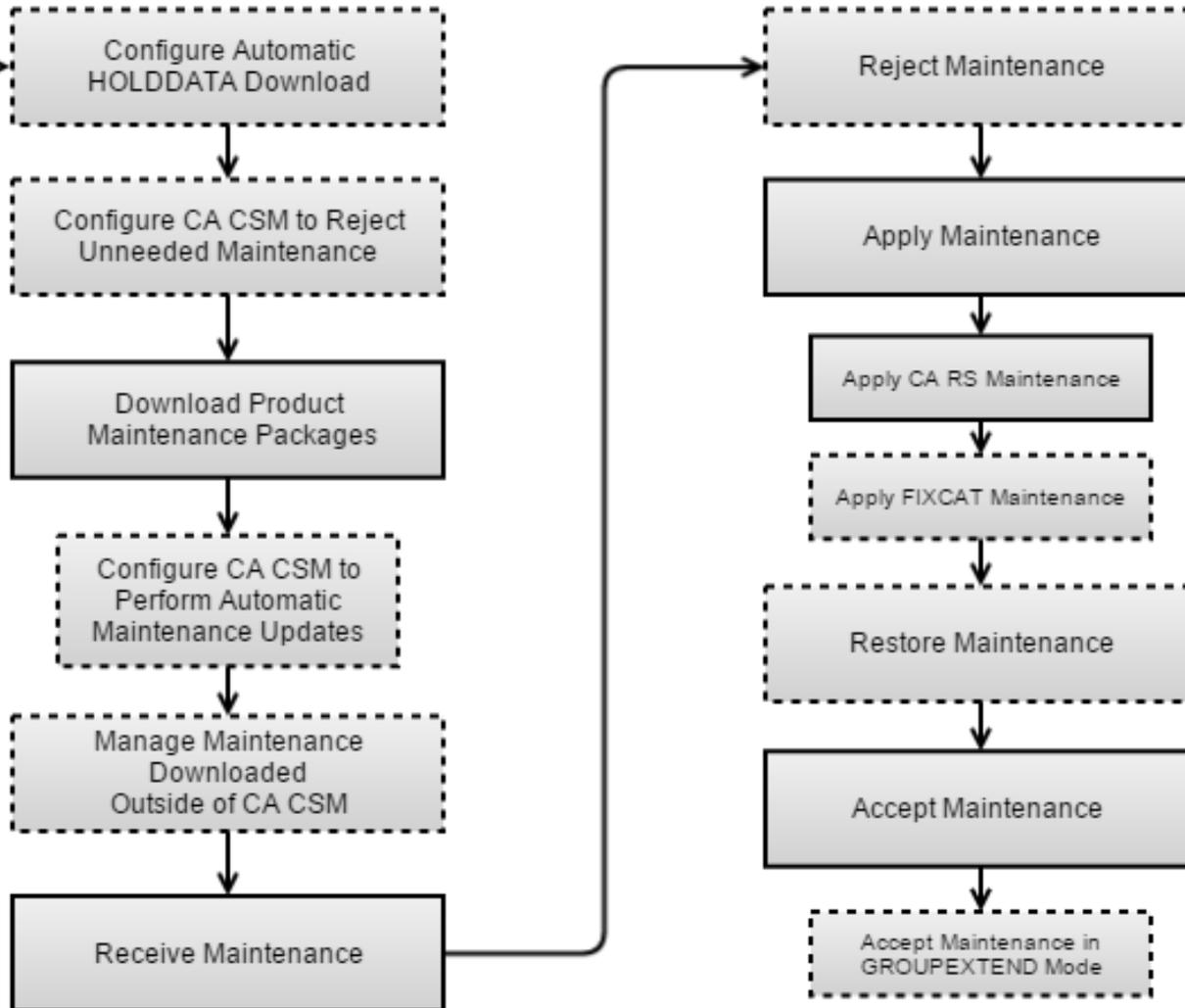
If you are on incremental track – it’s strongly recommended you participate in validation reviews – vote when a feature provides MVP, raise a challenge when you foresee an issue, or a slight tweak that will add value

Process overview (ESD)

How to Install Your Product Using a Pax File



Process overview (CSM)



Process overview

Compare CSM and ESD process

ESD

- Download
- Receive
- Apply
- [copy to execution libraries]
- Configure
- [Hold Data]
- [Accept]

CSM

- Update Maintenance
- Receive
- Apply
- [Deploy]
- Configure
- [Hold Data]
- [Accept]

Process overview

What's COMMON

Common

- Backup
(Do Maintenance)
- Retrofit / Restore
- Authorize libs
- Update LinkList, or...
- TSO Logon Proc
- Test...

Process overview

FDP Maintenance

- Unzip the package
- Upload the .XMIT file as binary (FB80)
- Receive the .XMIT file to create a PDS
- Exec @@START1 member in this file to set installation defaults - HLQs for Endeavor and the new HLQ for the LongName FDP
- Exec @@START2 member to create the @@START3 job (it should be tailored ready to go) and submit it
- Exec @@START4 to receive the ESort, EOnly and EPrint files (optional)
- Exec @@START5 to launch a sample startup Rexx, and FDP Menu as the IVP

DEMO

Streamlining tips / Best practice...

- Some things *have* to be edited in place
 - WSTOMENV, ENWSInstallOptions.properties, Tables, Skeletons
 - Keep the edited version elsewhere (backup)
- Build a custom Deploy
 - Copy and rename or Copy Exclude
 - ocopy or pax for USS
- Build an automated configure
 - Three way compare (Root=Previous, D1=Current, D2=Custom)
 - Copy new 'Curr' to Previous (maybe GDG or even Endeavor!)
 - Replace “backed up” members in place
 - Execute BC1JJB03 & BC1JBTAB



Sample Deploy (with Exclude)

```
//**
//** THIS IS A MANUAL DEPLOYMENT, COPYING ALL OF THE
//** TARGET LIBRARIES TO THE DEPLOYED/EXECUTABLE LIBS.
//**
//** INP=CAIPRODD.NDVR.V180S0A  TARGET NAME
//** OUT=CAIPRODD.NDVR.V180PRD  DEPLOY NAME
//**
//INP SET INP=CAIPRODD.NDVR.V180S0A  INPUT  TARGET
//OUT SET OUT=CAIPRODD.NDVR.V180PRD  OUTPUT  DEPLOYED/E
//**
//** COPY ALL FROM TARGET TO PROD...
//**
- - - - -
//CSIQAUTH EXEC COPYPROD,LOWLVL=CSIQAUTH
//CSIQAUTU EXEC COPYPROD,LOWLVL=CSIQAUTU
//CSIQCLS0 EXEC COPYPROD,LOWLVL=CSIQCLS0
//CSIQDATA EXEC COPYPROD,LOWLVL=CSIQDATA
//CSIQJCL EXEC COPYJCL,LOWLVL=CSIQJCL
//CSIQJCLR EXEC COPYPROD,LOWLVL=CSIQJCLR
//CSIQLOAD EXEC COPYPROD,LOWLVL=CSIQLOAD
//CSIQMENU EXEC COPYPROD,LOWLVL=CSIQMENU
//CSIQOPTN EXEC COPYPROD,LOWLVL=CSIQOPTN
//CSIQPENU EXEC COPYPROD,LOWLVL=CSIQPENU
//CSIQPRCR EXEC COPYPROD,LOWLVL=CSIQPRCR
//CSIQSAMP EXEC COPYPROD,LOWLVL=CSIQSAMP
//CSIQSENU EXEC COPYSENU,LOWLVL=CSIQSENU
//CSIQSRC EXEC COPYPROD,LOWLVL=CSIQSRC
//CSIQTENU EXEC COPYPROD,LOWLVL=CSIQTENU
//CSIQPLD EXEC COPYPROD,LOWLVL=CSIQPLD
```

Sample Deploy (CopyProcs)

```
//COPYPROD PROC LOWLVL=  
//STEP010 EXEC PGM=IEBCOPY  
//SYSPRINT DD SYSOUT=*  
//SYSUT3 DD UNIT=SYSDA,SPACE=(CYL,(1,1))  
//INDS DD DISP=SHR,DSN=&INP..&LOWLVL  
//OUTDS DD DISP=SHR,DSN=&OUT..&LOWLVL  
//SYSIN DD DSN=BST.BRB.ADMINJCL(CPYALLI),DISP=SHR  
//  
PEND  
//COPYJCL PROC LOWLVL=  
//STEP010 EXEC PGM=IEBCOPY  
//SYSPRINT DD SYSOUT=*  
//SYSUT3 DD UNIT=SYSDA,SPACE=(CYL,(1,1))  
//INDS DD DISP=SHR,DSN=&INP..&LOWLVL  
//OUTDS DD DISP=SHR,DSN=&OUT..&LOWLVL  
//SYSIN DD DSN=BST.BRB.ADMINJCL(CPYALLJ),DISP=SHR  
//  
PEND  
//COPYSENU PROC LOWLVL=  
//STEP010 EXEC PGM=IEBCOPY  
//SYSPRINT DD SYSOUT=*  
//SYSUT3 DD UNIT=SYSDA,SPACE=(CYL,(1,1))  
//INDS DD DISP=SHR,DSN=&INP..&LOWLVL  
//OUTDS DD DISP=SHR,DSN=&OUT..&LOWLVL  
//SYSIN DD DSN=BST.BRB.ADMINJCL(CPYALLS),DISP=SHR  
//  
PEND
```

Sample Deploy (Include Members)

```
BST.BRB.ADMINJCL(CPYALLI) - 01.01 Co
=>
***** Top of Data *****
COPY INDD=( (INDS,R) ),OUTDD=OUTDS COPY/REP ALL MEMBERS
***** Bottom of Data *****
```

```
BST.BRB.ADMINJCL(CPYALLS) - 01.02 Co
=>
***** Top of Data *****
COPY INDD=( (INDS,R) ),OUTDD=OUTDS COPY/REP ALL MEMBERS
E M=SCMM@LIB
E M=C1SB3000
***** Bottom of Data *****
```

```
BST.BRB.ADMINJCL(CPYALLJ) - 01.01 Co
=>
***** Top of Data *****
COPY INDD=( (INDS,R) ),OUTDD=OUTDS COPY/REP ALL MEMBERS
E M=(BC1JJB03,BC1JTABL,BC1JTAB1,SCMM@LIB,WSTOMCCO)
E M=(WSTOMCCS,WSTOMENV)
E M=(WSTOTSO1,WEBSTSO1,TSO1MCCS)
***** Bottom of Data *****
```

Summary

- ✓ Difference between install and maintenance
- ✓ Considered Scenarios - Maintenance, APAR, FDP
- ✓ Compare and contrast CSM ESD and FDP processes
- ✓ KISS (Simple Automation)
- Questions?



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