

The background of the slide is a solid red color. It features a complex network of white lines and dots, resembling a data network or a circuit board. On the left side, there are faint, semi-transparent images of a code editor window with a '</>' icon, a target symbol, and some binary code (0s and 1s).

Datacom™/AD Version 15.1 Upgrade Process Overview

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August 12, 2021



Datacom/AD Version 15.1 Upgrade Process

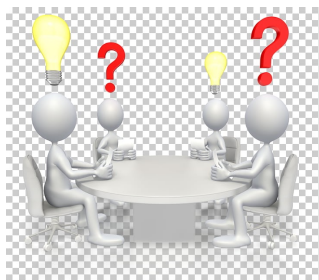
- What's Different from Past Upgrades
- The Upgrade Roadmap
- Available Upgrade Videos
- Upgrade Stage 1 thru 6 Details

What's Different from Past Upgrades

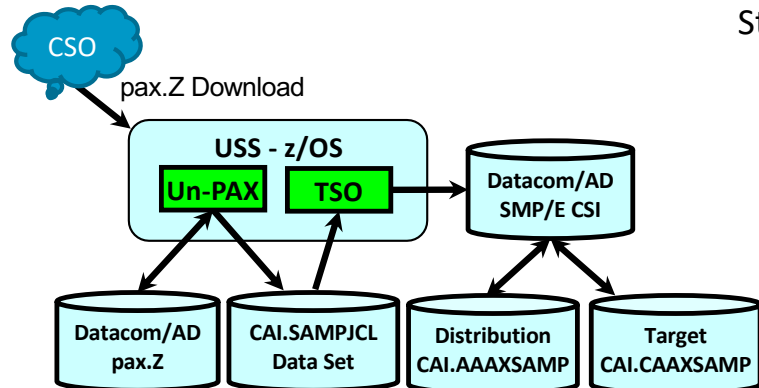
- Datacom/AD new install eliminated
- Datacom/AD product database migration eliminated
- Can upgrade version 14.0 directly to 15.1
- Upgrade can be done in stages
 - Stage 1 - Upgrade planning
 - Stage 2 - Create software environment
 - Stage 3 - Create upgrade data sets
 - Stage 4 - Perform Pre-upgrade tasks
 - Stage 5 - Switch MUF to new version
 - Stage 6 - Perform Post Upgrade tasks

Datacom/AD Version 15.1 Upgrade Roadmap

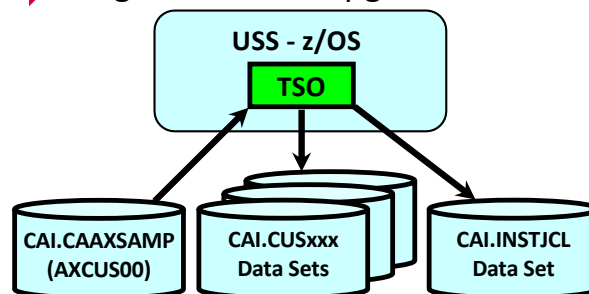
Stage 1 – Upgrade Planning



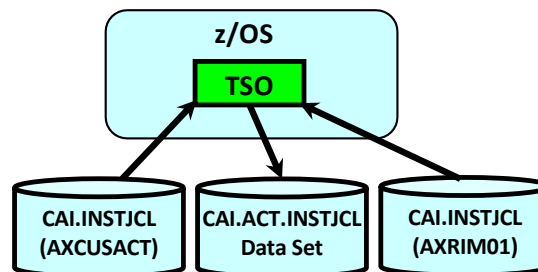
Stage 2 - Create Software Environment



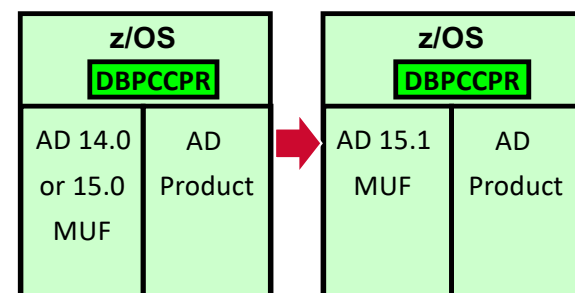
Stage 3 - Create Upgrade Data Sets



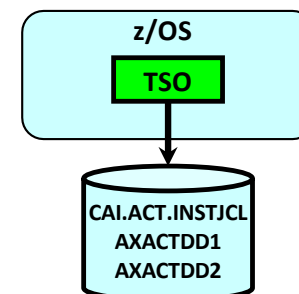
Stage 4 – Perform Pre-Upgrade Tasks



Stage 5 - Switch MUF to New Version



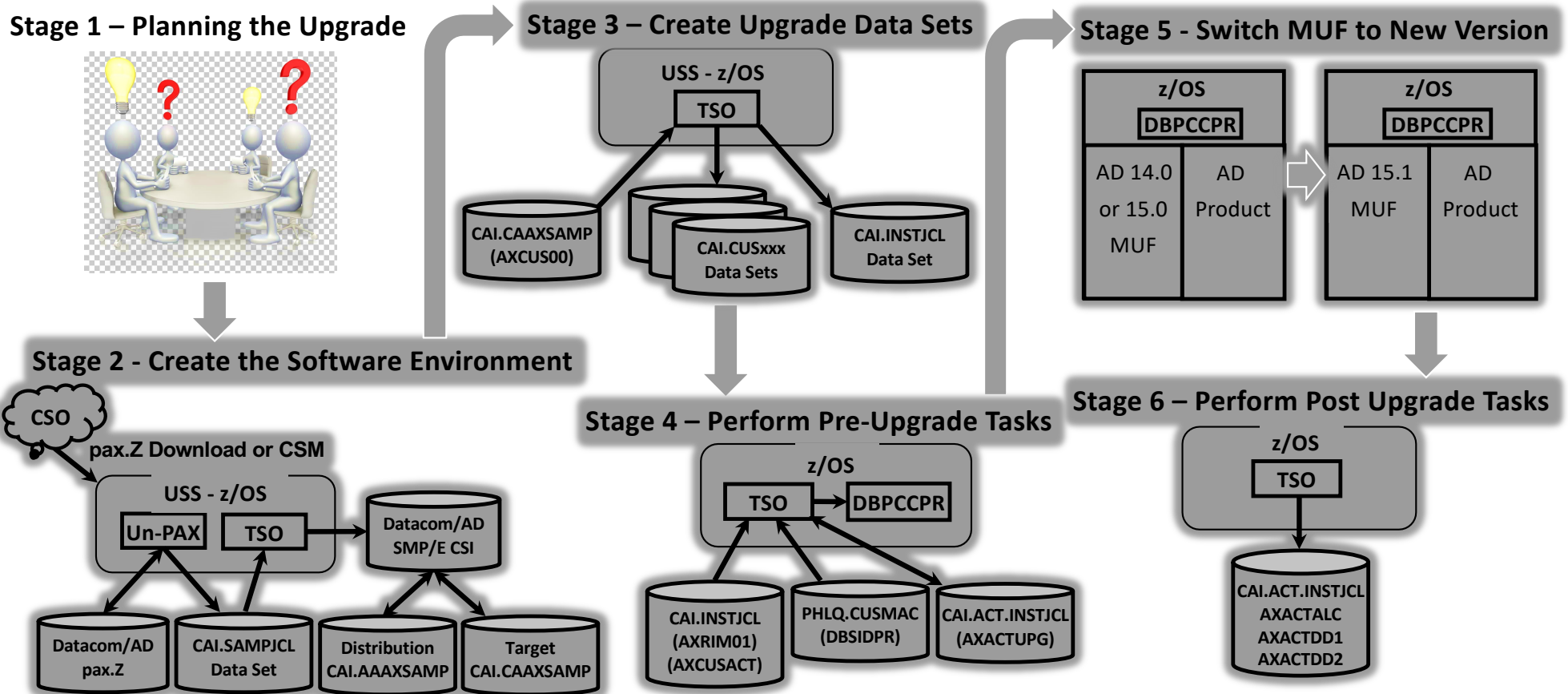
Stage 6 – Perform Post Upgrade Tasks



Available Upgrade Videos

- Roadmap (Upgrade Overview)
 - YouTube Video link: <https://youtu.be/buuJ49Jw8mE>
- Stage 1 (Upgrade Planning)
 - YouTube Video link: https://youtu.be/ArK0viL8Q_0
- Stage 2 (Create Software Environment)
 - YouTube Video link: <https://youtu.be/mVBI8hCfJwg>
- Stage 3 (Create Upgrade Data Sets)
 - YouTube Video link: <https://youtu.be/OMeTOgh57Zg>
- Stage 4 (Perform Pre-Upgrade Tasks)
 - YouTube Video link: <https://youtu.be/UcTCuY5Y4Po>
- Stage 5 (Switch MUF to New Version)
 - YouTube Video link: <https://youtu.be/0nGR7X-hiUE>
- Stage 6 (Perform Post Upgrade Tasks)
 - YouTube Video link: <https://youtu.be/7aZIDgbsoVw>

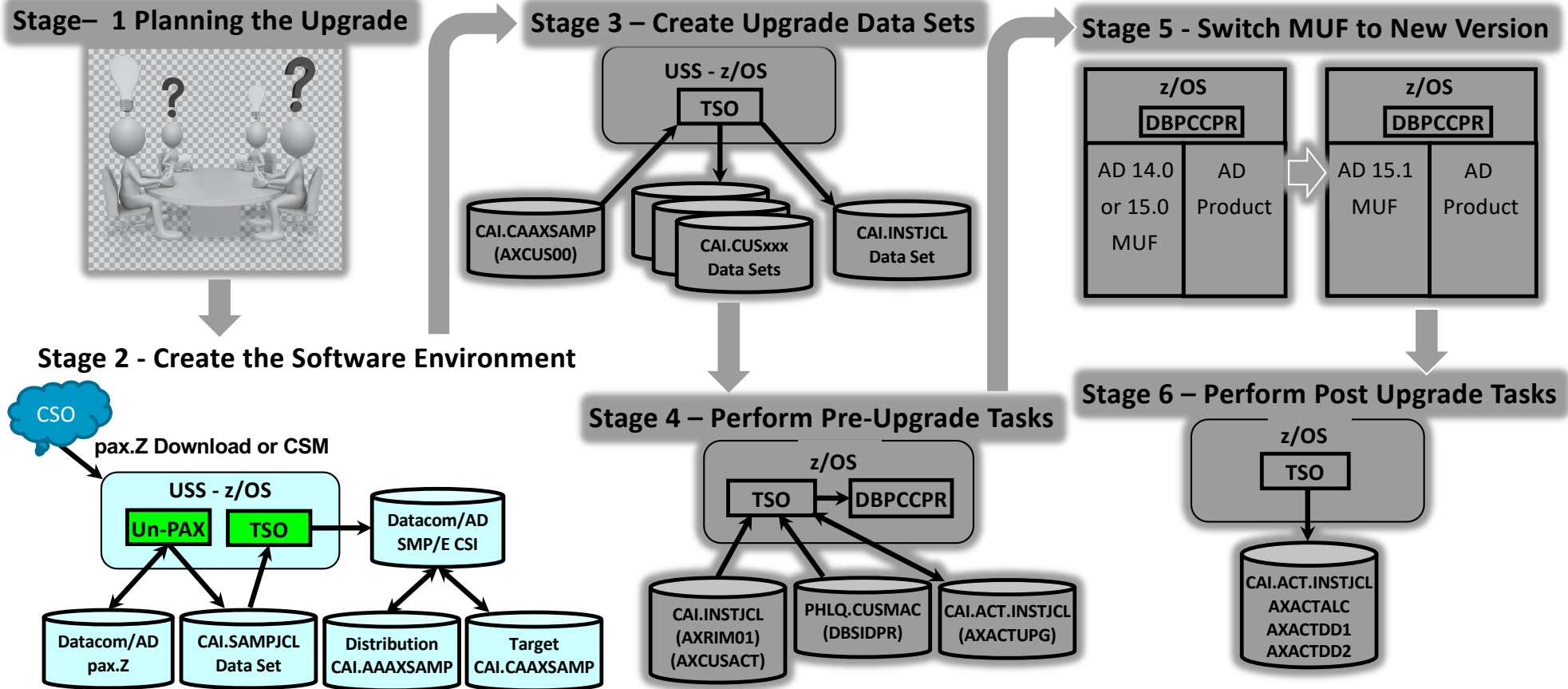
Version 15.1 Upgrade Stages



Stage 1 - Planning the Upgrade

- Identify each MUF instance to be upgraded
- Identify the current version (14.0 or 15.0) of each MUF
 - MUF message DB00215I in the JESMSG LG has version #
- Locate the 'CAI.HLQ.CUSMAC' of each MUF
- Identify when normal MUF shutdown and startup occurs

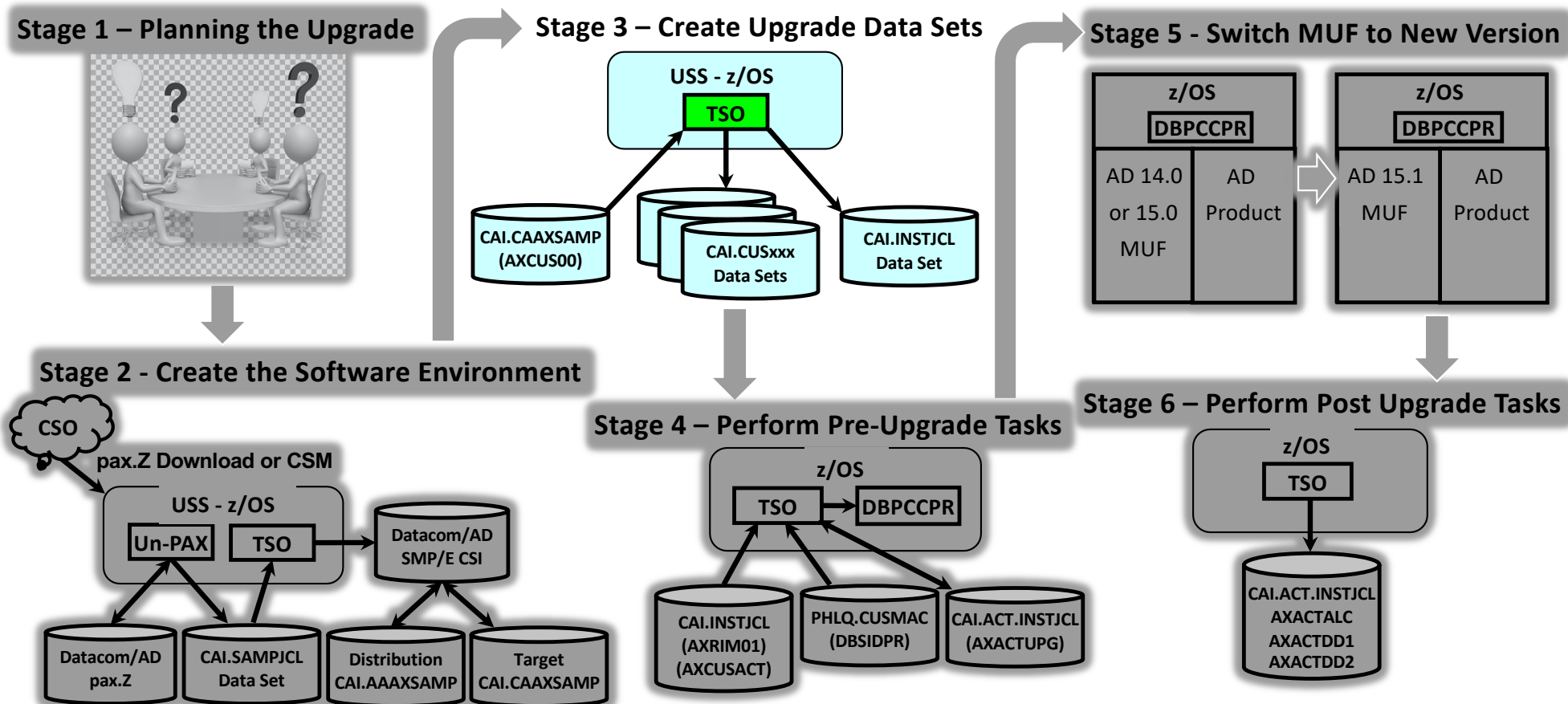
Version 15.1 Upgrade Stages



Stage 2 - Create the Software Environment

- Download and install Datacom/AD S2101 Service Level Pax.z file
- Create SMP/E resources using the 'CAI.HLQ SAMPJCL' members or Chorus Software Manager (CSM)
- Download and apply latest maintenance (HIPERs at a minimum)

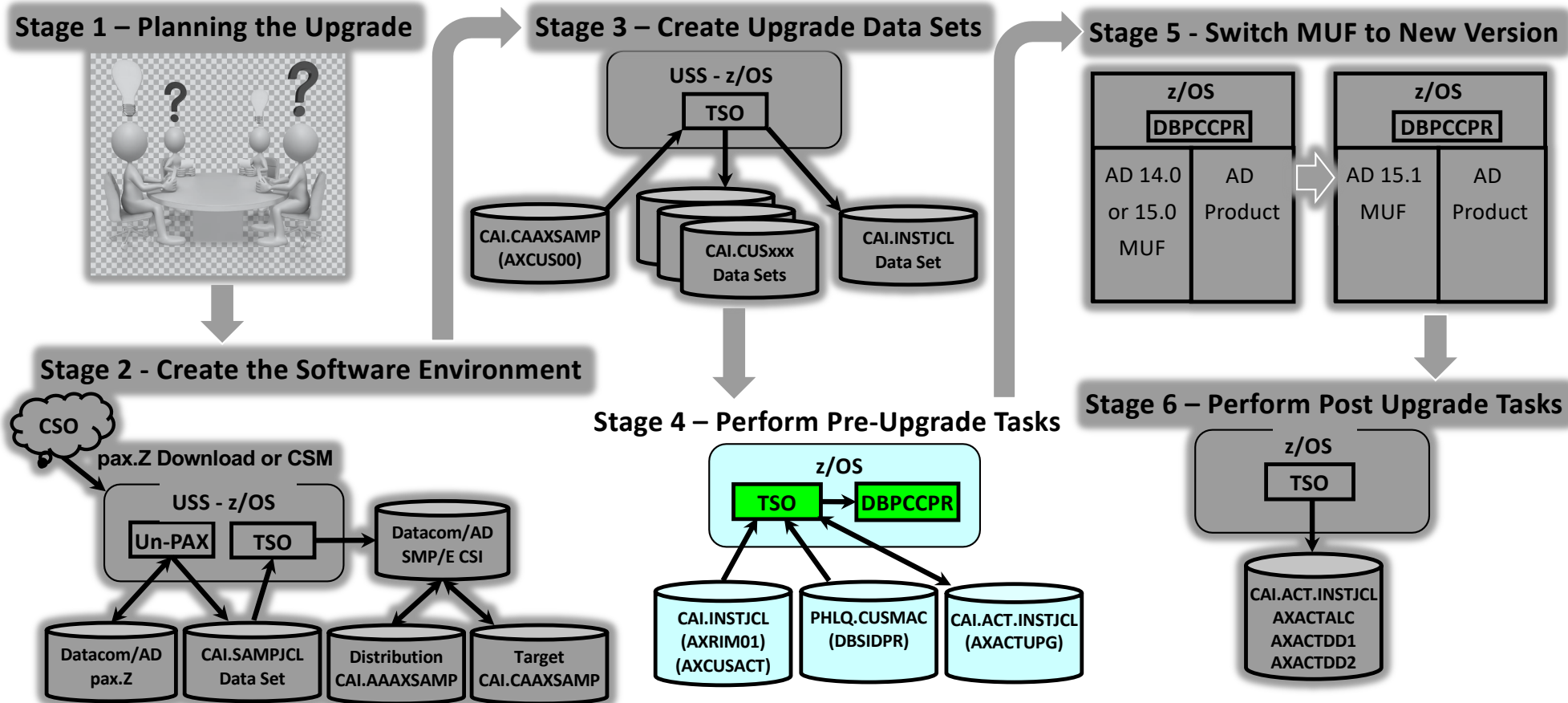
Version 15.1 Upgrade Stages



Stage 3 - Create Upgrade Data Sets

- Edit and execute 'CAI.HLQ CAAXSAMP' data set member AXCUS00
- Do not save it, it is SMP/E controlled
- It creates the 'CAI.HLQ.INSTJCL' data set containing members that will upgrade one MUF
- Edit and execute AXCUS00 to create a 'CAI.HLQ.INSTJCL' for each MUF needing to be upgraded

Version 15.1 Upgrade Stages



Stage 4 – Perform Pre-Upgrade Tasks

- Edit and execute 'CAI.HLQ INSTJCL' data set member AXRIM01
- It temporarily installs the CA Datacom/AD PC call module (DBPCCPR) in the LPAR where the job executes
- Execute the AXRIM01 member on each LPAR that can connect to the MUF being upgraded using XCF
- Add the 'RIMPC.PARMLIB' input statements from the AXRIM01 member to each LPARs CAS9 PROC

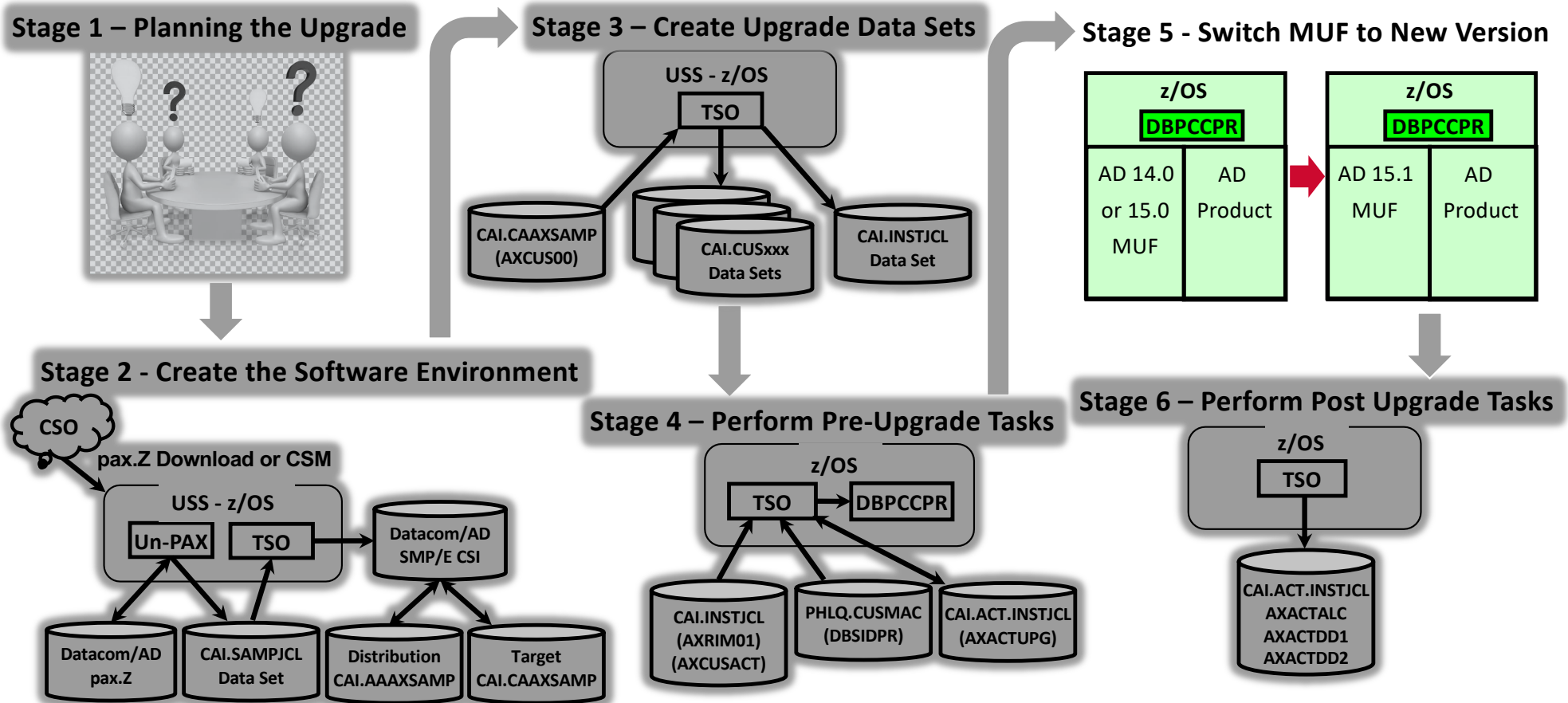
Stage 4 – Perform Pre-Upgrade Tasks (continued)

- Edit and execute 'CAI.HLQ INSTJCL' data set member AXCUSACT
- It uses the current MUF 'CAI.HLQ.CUSMAC' members to create the version 15.1 'CAI.HLQ.CUSLIB' members for the MUF being upgraded
- Edit and execute the AXAPFADD batch SYSVIEW member or use your standard site procedure to APF authorize the 'CAI.HLQ.CUSLIB' and CAI.HLQ.CAAXLOAD' execution libraries

Stage 4 – Perform Pre-Upgrade Tasks (continued)

- The AXCUSACT member also creates and populates the 'CAI.HLQ.ACT.INSTJCL' data set
- The 'CAI.HLQ.ACT.INSTJCL' data set contains the members needed to perform the Datacom/AD version 15.1 post upgrade processes

Version 15.1 Upgrade Stages



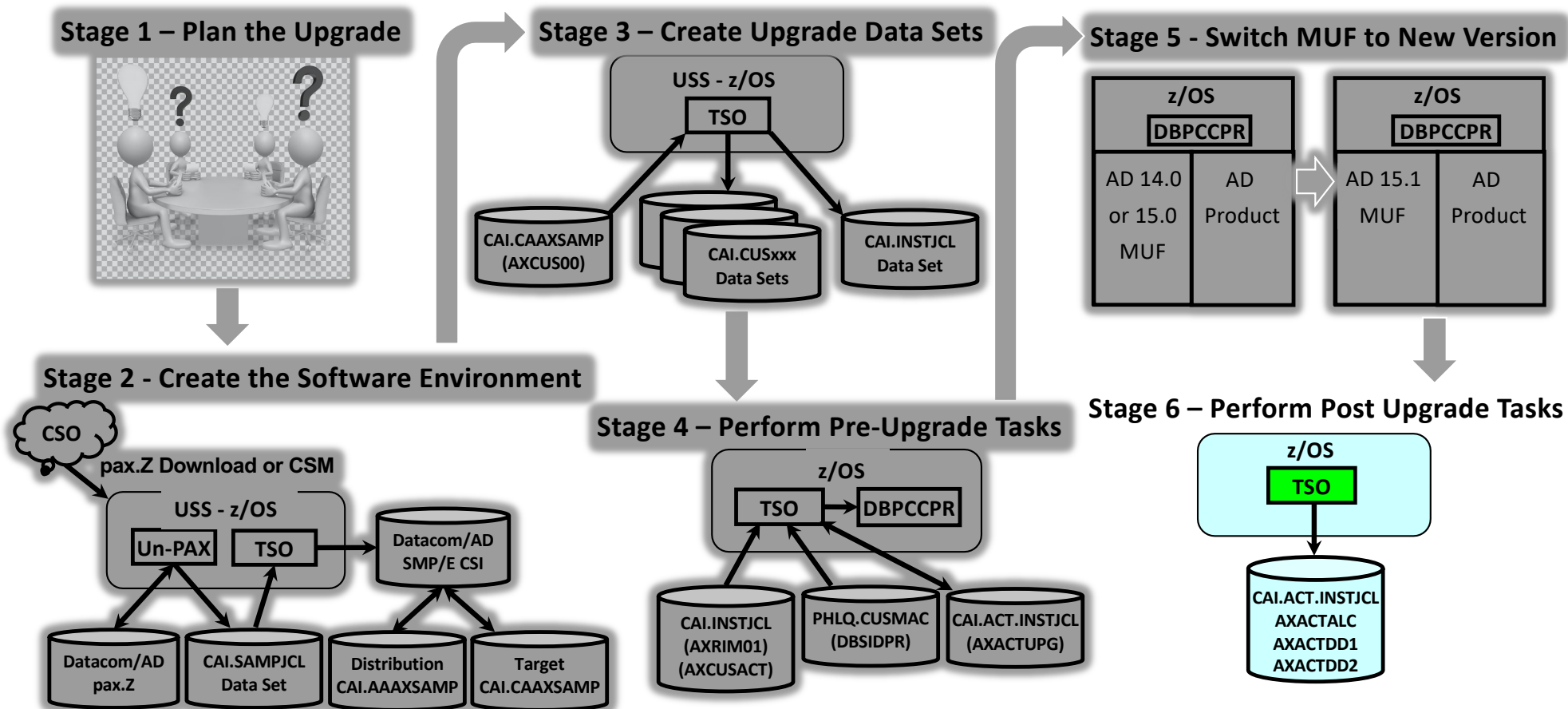
Stage 5 – Switch MUF to New Version

- There is no need for an unscheduled MUF outage to perform the upgrade to version 15.1
- The upgrade can occur as a one time extra step between your normally scheduled MUF shutdown and startup
- Only the MUF's startup JCL execution libraries need changed from the previous version to the version 15.1 libraries
- The previous version execution libraries in the using product startup JCL can remain until such time it is convenient to change those to the version 15.1 libraries

Stage 5 – Switch MUF to New Version (continued)

- If you are is running Datacom/AD in a Shadow MUF configuration the upgrade is accomplished as follows
- Shutdown the Shadow MUF and change its execution libraries to version 15.1 and restart it as the Shadow
- After transition to the version 15.1 Shadow MUF making it the Primary MUF, change the former Primary MUF execution libraries to version 15.1 and restart it as the Shadow

Version 15.1 Upgrade Stages



Stage 6 – Perform Post Upgrade Tasks

- Once the MUF is running Version 15.1, locate message DB00915I in the MUF JESMSG LG
- If the DATA-DICT definition version in the message is 15.0, your upgrade is complete, no post upgrade processes need to be done
- If the DATA-DICT definition version in the message is 14.0, you will need to edit and execute 'CAI.HLQ.ACT.INSTJCL' members AXACTALC, AXACTDD1 and AXACTDD2 to complete the upgrade
- The MUF Using Product can be active at the time all three members are executed

Customer Poll

- What is the lowest release level of Datacom/AD that you are leveraging?
 - Datacom/AD 15.1
 - Datacom/AD 15.0
 - Datacom/AD 14.0
 - Lower?

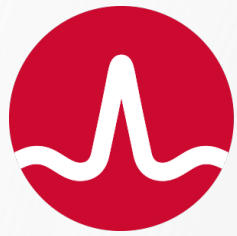
Questions





Thank You!





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