Correction Number CP-1435

Log Summary: Correct errors in State Diagram of Hosted Applications

Name of Standard
PS 3.19 2015a

Rationale for Correction:

Figure Figure 7.2-1 is not consistent with the content of Tables 7.2-1 and 7.2-2. Specifically:

• The figure contains "/Host.notifyDataAvailable()" in the transition between IDLE and IN PROGRESS.
• The figure contains "/Application.notifyDataAvailable()" in the transition between IN PROGRESS and COMPLETED.
• The figure contains "/Application.resumeProcessing()" in the transition between SUSPENDED and IN PROGRESS.
• The diamond-shaped decision points are likely contained internal to IN PROGRESS and SUSPENDED states, respectively. These decision points are not mentioned in the state diagram description.
• Table 7.2-2 mentions "notifyStatus()" and FATALERROR, for inbound transitions to CANCELED, but these do not appear on the diagram.

References in the diagram to API calls not specifically mentioned in the table should be removed.

This CP updates the figure to correct these findings.

Correction Wording:
7.2 States

... Replace the existing Figure 7.2-1 shown here:

with the new Figure 7.2-1 shown here:
setState(State.INPROGRESS)
setState(State.EXIT)
setState(State.IDLE)
setState(State.COMPLETED)
setState(State.SUSPENDED)
setState(State.CANCELED)

Application completes task
Application encounters error
Application releases resources

Application encounters error