With z/VSE 3.1.1, initial installation may fail; first IPL goes into a loop:

The problem is most likely with older devices e.g. the internal disk on an MP3000. The loop is caused by devices defined in the IOCDS which do not really exist.

In order to perform initial installation in such a case, there are different possibilities:

- By a temporary fix: Set a stop on CP Address Match via the Support Element on address 23638 (is a BFDFF0C0) then alter address 2363C from 4780 to 47F0.
- If the absent devices are on a separate CHPID than the CHPID of DOSRES and SYSWK1, this CHPID should be deactivated.
- Change the IOCDS to remove the absent devices.

The problem is described in APAR DY46515. Be aware that the PTF for this APAR cannot resolve the problem with initial installation.