

418 Host Mapping of Physical Page Zero May Cause Incorrect Translation

Description

The processor may use an incorrect cached copy of translation tables during an SVM nested page translation when the host is in legacy Physical Address Extension (PAE) mode and the guest address translation tables reside in physical page zero.

Potential Effect on System

Unpredictable system behavior. This condition has not been observed in any commercially available software.

Suggested Workaround

Hypervisor software should not use physical addresses 0 through 4095 for guest pages.

Fix Planned

No