

731 Incorrect Translation with IOMMU v1 512 GB Page Table

Description

The processor may perform incorrect IOMMU translations using an IOMMU v1 page table that has a page size of 512 GB.

Potential Effect on System

None expected. In the unlikely event that IOMMU software uses a 512 GB sized page table, unpredictable system behavior may result. AMD has not observed this erratum with any commercially available software.

Suggested Workaround

IOMMU software should limit the IOMMU v1 page table such that the page size is never greater than the system memory.

Fix Planned

No fix planned