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*Mosberger & Eranian, IA-64 Linux  
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4.7.2 IA-64 implementation . On  
Linux/ia64, switching the address space  
involves three simple steps: Set current

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page-table pointer to the global directory of the new address space. Ensure that the new address space has a valid ASN (region ID) by calling `get_mmu-context()`.

## *Switching Address Spaces | Virtual Memory in the IA-64 ...*

Kernel Identify Mappings ¶. Linux/ia64 identity mappings are done with large pages, currently either 16MB or 64MB, referred to as “granules.” Cacheable mappings are speculative [2], so the processor can read any location in the page at any time, independent of the programmer’s intentions.

## *Memory Attribute Aliasing on IA-64 — The Linux Kernel ...*

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