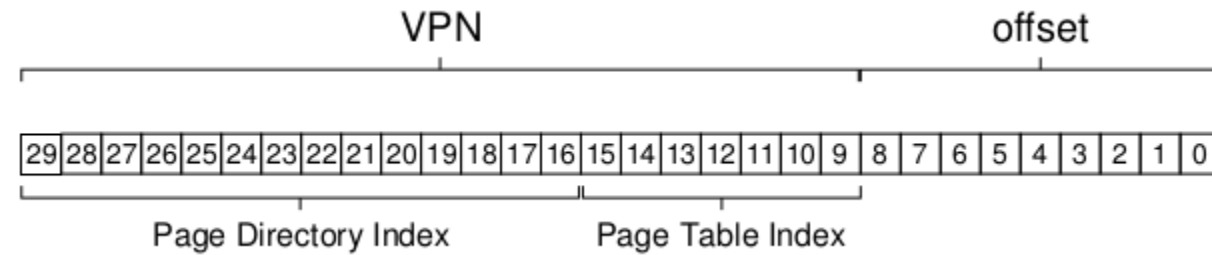


7. Multi-level Page Tables

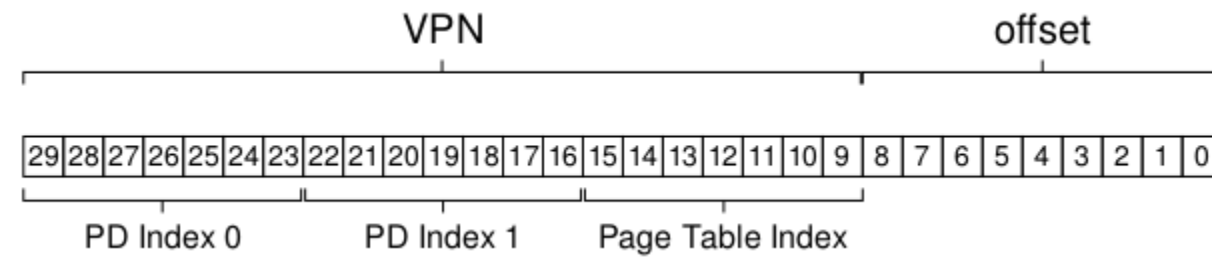
30-bit virtual address space, 512 byte page = 21-bit virtual page number + 9-bit offset

PTE size 4 bytes --> 128 PTEs per page --> 7-bit PTIndex --> 14-bit PDIndex

2^{14} 4-byte page directory entries --> 128 pages



Split page directory into two levels:



2^7 4-byte page directory entries --> 1 page