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Poison & remedy of vmas instead of guards

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vma guards are inserted at the start and/or end of vmas to detect out-of-bound reads or writes. Currently these guards are represented by an allocated vma even though almost all the information in the vma is not used. Sometimes these guards are so numerous that they represent close to half of the vmas used in a system. Such a large number of underutilized objects represents a potential for significant space savings. I would like to discuss a more efficient way to implement the same functionality using "poison" and "remedy", which will jilt the vma guards from the next generation of allocators.

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