

# Linux Plumbers Conference 2024



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## Supporting generic restricted dmabuf heap

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Kernel supports default cma and system dmabuf heaps. In order to support protected usecase, additional heap types needs to be supported.

There are quite a few downstream dmabuf heaps maintained by vendors to support protected usecase. There is need to provide generic framework, which will reduce fragmentation of such dmabuf heap types.

The proposed restricted dmabuf heaps will support different allocation method ( SG, CMA etc) and access restriction methods.

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