

# OS-Memory Management

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Memory management is important aspects of OS. There has to be a mechanism for how to avoid interference between different processes. Important aspect of OS is virtualization. They create virtual memory representing the actual memory. They also take into account, that application could only access or change specific part of memory.

It is the role of the CPU to configure between CPU and RAM like mapping virtual memory and physical memory address.

Performance effects on memory system:-

- \* Cache
- \* Content switch