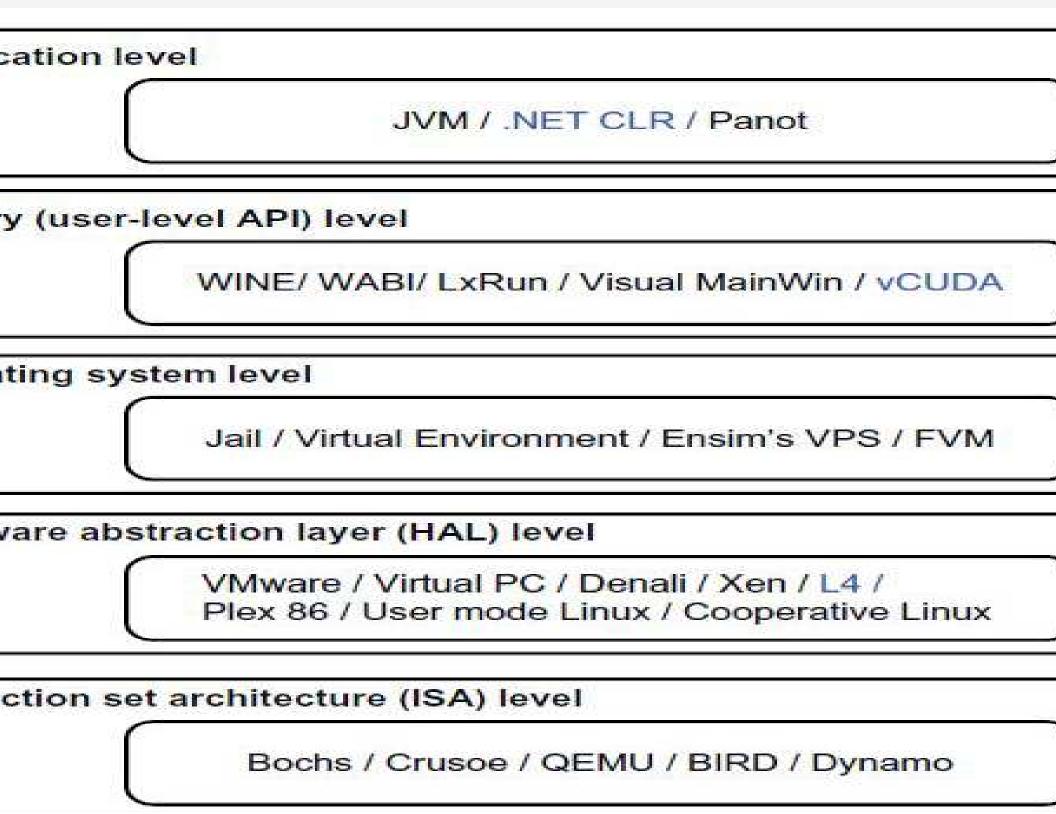
SNS COLLEGE OF ENGINEE

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Department of Information Tech

mentation levels of alization

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zation works through an ISA emulation. This is he / code which was originally written for different h

that might need additional layers to run can now th some tweaking, even on x64 machines. ISA hel ostic virtual machine.

lation, though, requires an interpreter. This inter source code and converts it to a hardware readab

perform virtualization at the hardware level. It us s functioning.

form the virtual machine and manages the hardw

alization of each hardware component such as I/C nory, etc.

le users can use the same hardware with numerc at the same time. ng system level, the virtualization model creates a pplications and the OS.

lated container on the physical server and operative and software. Each of these containers function

nber of users is high, and no one is willing to shar zation comes in handy.

are lengthy. Which is why applications opt for AP

s provided by systems are rather well documente on is preferred in such scenarios.

ng virtualization is made possible by API hooks. T nunication link from the system to the application

- vel virtualization comes handy when you wish to It does not virtualize an entire platform or envirc
- ng system, applications work as one process. Hen ess-level virtualization.
- useful when running virtual machines with high-le cation sits on top of the virtualization layer, which gram.