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Application Virtualization

Virtualization means that they run without any dependencies through another operating system or browser.

Application Virtualization is a process that deceives the standard app into believing that it interfaces directly with an operating system capabilities, when in fact, it does not.

This reuse requires a virtualization layer inserted between the app and the OS. This layer, or framework must run an application subsets virtually and without impacting the subjacent OS. The virtualization layer replaces a portion of the runtime environment typically supplied by the OS.

Used in conjunction with application virtualization is desktop virtualization.

Applications are a desktop as a PaaS managed by a hypervisor.

A VMM infrastructure - software, firmware and/or hardware creates & operates VMs.

An example would be virtualizing Microsoft PowerPoint to run on Ubuntu over an Opera browser. The implementation of both environments differs, as well.