

Client Virtualization Framework

Speaker

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Abstract

Endpoint virtualization is emerging as the next big thing in the PC industry. While server virtualization has become an industry standard, we're just beginning to tap into the huge potential of virtualizing the endpoint.

Realizing this potential requires two components: an endpoint oriented hypervisor, and a comprehensive framework for virtualization based software development.

We present the "Client Virtualization Framework", a modular software development and run-time platform, allowing developers to leverage state of the art virtualization technologies while focusing their development efforts on their core business.

The framework is composed of a set of tools and APIs, which will enable functionalities such as:

- Simple and intuitive VM creation, configuration, migration and management.
- Inter VM communication.
- Integration of VMs GUI environments and desktops.
- Assignment of HW devices to VMs.
- Sharing HW devices between VMs.
- Sharing networking capabilities between VMs.
- VM introspection.

In addition to presenting a detailed view of the framework structure and capabilities, we will showcase a fully functional product sample, built on top of the framework.

