VM Guest

TCP/IP

VMXNET

Local File System

PVSCSI

VM Kernel

CPU Scheduler

Memory Allocator

VMXNET

vSwitch

HW NIC Drivers

PVSCSI

VMFS File System

I/O Drivers

vSphere Paravirtual SCSI Driver

Hypervisor and VM share asynchronous I/O requests for higher IOPS and better CPU efficiency.

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Physical Hardware

Design by: Scott Sauer