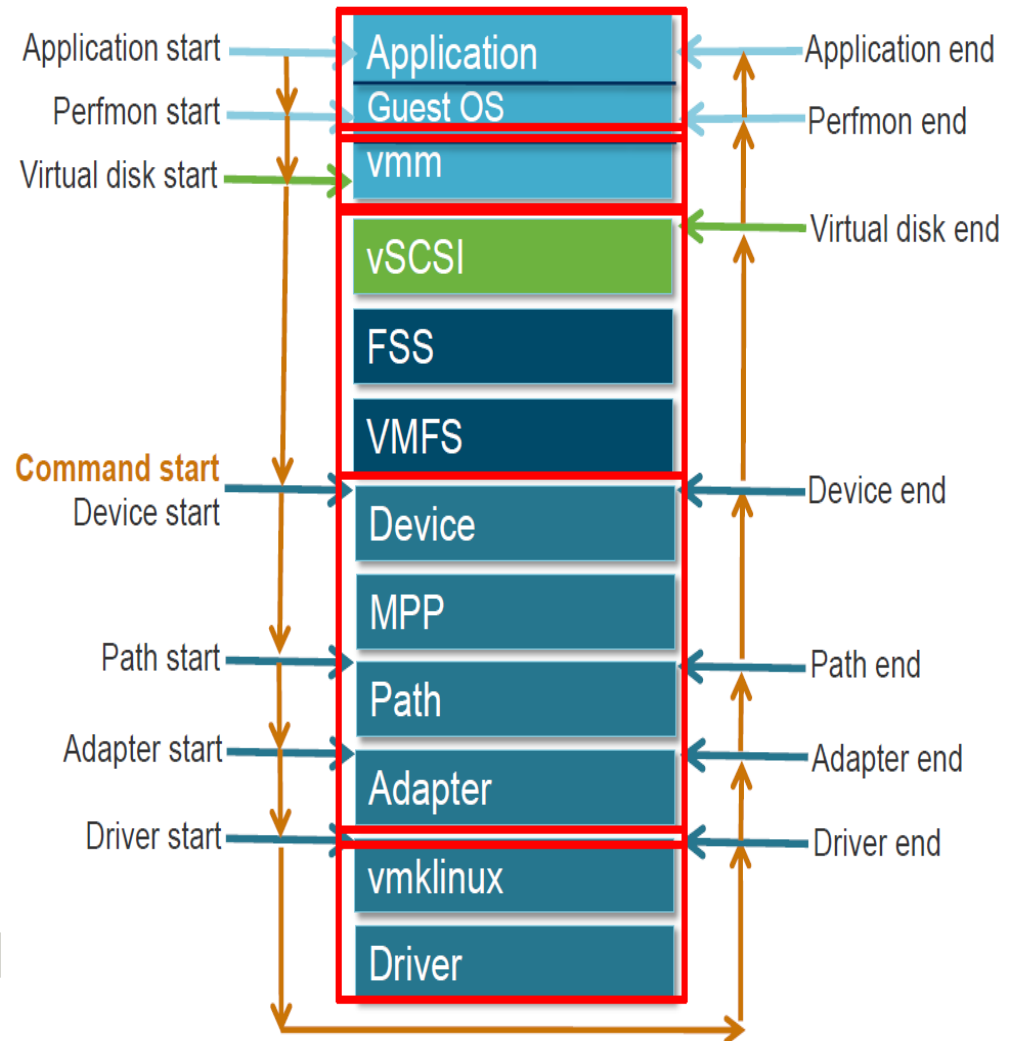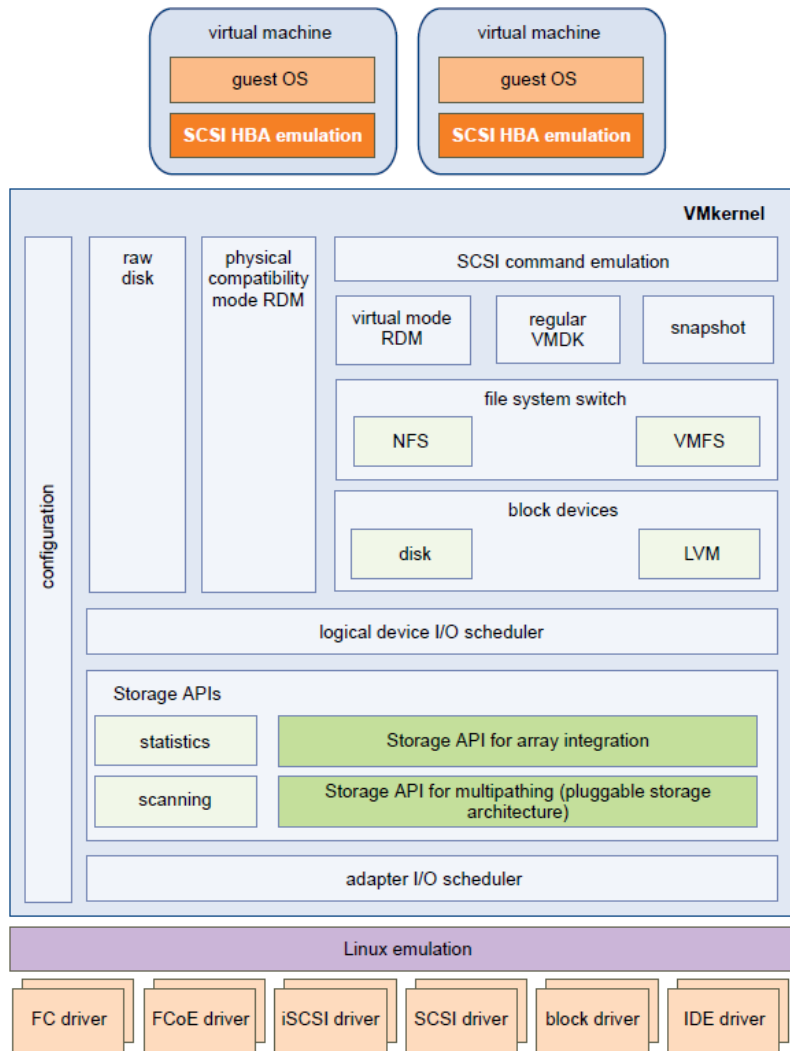# VMKERNEL STORAGE TOI

Compiled by Oliver Yang

Jan, 2016

VMKernel Storage Stack

VMFS – A Cluster FS For VM

□ Share storage LUN

  ￭ Multiple VM data stores shared from same VMFS volume

  ￭ Multiple vSphere Host read/write concurrently

□ Each virtual machine is encapsulated in a small set of files

  ￭ VM detects the VMDK file as a local SCSI target

  ￭ File locking is used