

The Paravirtualization Spectrum

V

Virtualized

P

Paravirtualized

Disk / Network

Interrupts, Timers

Emulated Motherboard,
Legacy boot

Privileged Instructions
and pagetables

Full Virtualization (FV)

V

V

V

V

FV with PV disk, network

P

V

V

V

PVHVM

P

P

V

V

PVH

P

P

P

V

Full Paravirtualized (PV)

P

P

P

P

HVM mode

PV mode