

Virtualization

Chuck McKinnis

08/18/12



eCS in virtual machines

Why use a virtual machine?

Advantages

Migration

Hardware support

Testing

Disadvantages

Multiple operating systems

Resources

Performance



eCS in virtual machines

Virtual machine host choices

Microsoft Windows

Oracle VirtualBox

Parallels Workstation

Microsoft Virtual PC

Linux & MAC

Oracle VirtualBox

Parallels Workstation



eCS in virtual machines

Virtual machine choices

Microsoft Virtual PC - Windows (XP, Vista),
MAC (Power PC only)

No longer supported, but SP1 was released in
May 2008 (and works), and Microsoft
released a fix to SP1

Free

Microsoft Virtual PC - Windows 7

Only supports Windows virtual machines, but

Free



eCS in virtual machines

Virtual machine choices

Parallels Workstation

Windows (2000, XP, 2003, Vista, 7)

MAC (Intel only)

Linux (most common distributions)

\$49.99 and \$79.99 (MAC)

No longer lists OS/2 or eCS as supported, but



eCS in virtual machines

Virtual machine choices

Oracle VirtualBox

Windows (2000, XP, Vista, 7, 8?)

Linux (most common distributions)

MAC (Intel only)

Free

eCS in virtual machines

Virtualizer Installation

Hardware

Virtualization (VT-x or AMD-V)

Memory

Hard drive

Software

Current

DKMS package (Linux)



eCS in virtual machines

Guest Installation

Setup

System

Display

Hard drive

Floppy

Audio

Network

Serial

USB



eCS in virtual machines

Guest Installation

Install

Advanced path

Hardware

Software

Multimedia

Networking



eCS in virtual machines

Summary

Viable systems for eCS and OS/2 guests

Linux

Oracle VirtualBox

Parallels Workstation

Microsoft Windows

Oracle VirtualBox

Parallels Workstation

Microsoft Virtual PC

MAC (Intel only)

Oracle VirtualBox

Parallels Workstation

08/18/12

