

Virtualisation - VMware

Matthew Cook

<http://escarpment.net/>

<http://darc-tech.org.uk/>

History

- Roots in the sixties...
- i.e. Mainframe Computing

Why is it important

- Hardware Utilisation
- Power Costs
- Environmental Impact
- Data Centre Space
- Testing Environment
- Flexibility
- Convenience

How it Works

- Physical Hardware Virtualisation (Super Heavy Weight)
- Software or full Virtualisation (Heavy Weight)
- Paravirtualisation (Medium Weight)
- Zones/Containers (Light Weight)
- Hypervisor
- Storage Virtualisation

Some Features

- Granular configuration of hardware
- Snapshots
- VM Teams
- Shared filespace
- P2V Technology

Products

- VMware
- Microsoft Virtual PC/Server
- Microsoft Server 2008 Hyper-V
- Parallels
- Xen
- Solaris Zones/Containers

VMware - Parallels

- VMware
 - Suite of products
 - 64bit support
 - Multi core support
 - Support for many OS
 - Experimental DX9
- Parallels
 - Aimed at end user
 - Better OpenGL
 - More Mac like
 - Poor other OS Support

Questions and Answers

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