

DARC  
TECHNOLOGY LTD

# Virtualisation - VMware

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# History

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

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# Why is it important

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

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## 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

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## Some Features

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

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## Products

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

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## 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

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## Questions and Answers

<http://escarpment.net/>

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