Virtualization Stack
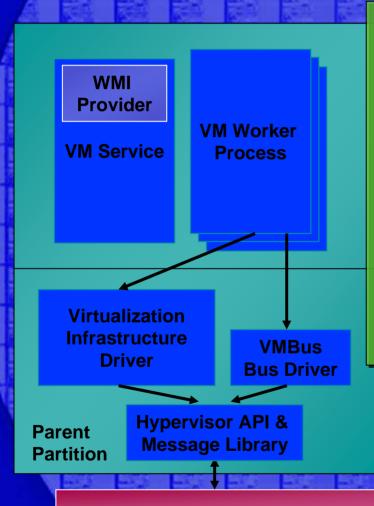
- **Collection of user-mode & kernel-mode components**
  - **Runs within a partition on top of a (minimal) OS**
  - **Contains all VM support not in the hypervisor**
- **Interacts with hypervisor**
  - **Calls the hypervisor to perform certain actions**
  - **Responds to messages from the hypervisor or from other partitions**
- **Creates and manages a group of "child partitions"**
  - **Manages memory for child partitions**
  - **Virtualizes devices for child partitions**
- **Exposes a management interface**

WMI Provider

VM Service

VM Worker Process

Virtualization Infrastructure Driver

VMBus Bus Driver

Hypervisor API & Message Library

Parent Partition

Child Partition 1

Child Partition 2

Hypervisor

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