Hyper-V
File Manager Utility

Contents

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Introduction

The existing Hyper-V management tools provide excellent support for importing and export Hyper-V VM images. Moving individual files, however, is not support via the current Hyper-V management tools resulting in tedious manual configuration and setup to move or reposition a VM configuration file or VM Virtual hard Disk (VHD). For example, moving a VHD due to disk space issues can require several command line configuration changes to get the links and security correct.

This utility is designed to simplify the process of moving Hyper-V configuration and VHD files.

This utility is not designed to support a production or mission critical environment.

Supported Functionality

1. Link an existing VM configuration file into the Hyper-V management snap in
2. Move an existing VM configuration file to a new location and setup appropriate security
3. Move an existing VM VHD file to a new location and setup appropriate security
4. Change the path of an existing VHD file to a new location and setup appropriate security

Usage Notes

- The Hyper-V service must be stopped prior to using this utility

Main Screen
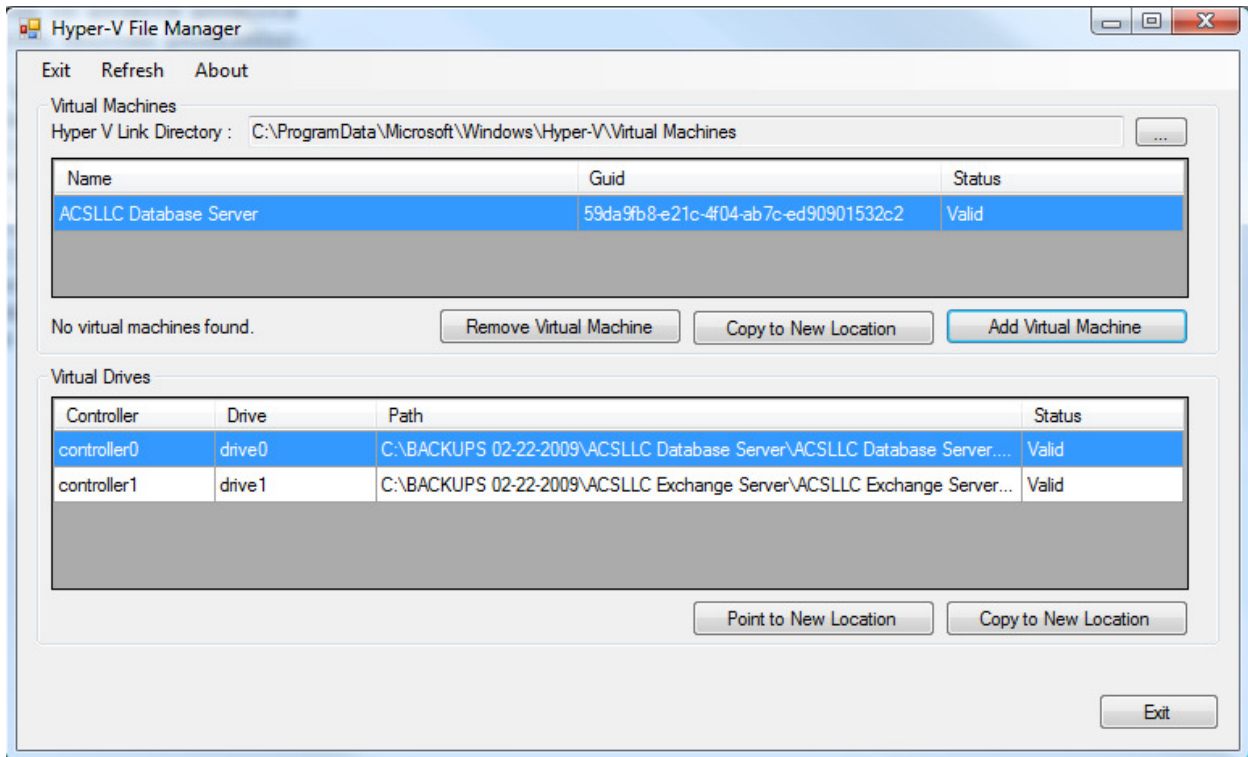
Virtual Machines

This section lists all currently linked Virtual Machines for the server.

- Name
  Name of the VM Image as presented by Hyper-V
- Guid
  The internal identifying Guid for the Hyper-V image
- Status
  Valid / Invalid
  If Invalid is displayed, the Hyper-V service may still be running

Remove Virtual Machine

Removes the symbolic link for the selected virtual machine. The actual XML configuration file will not be removed or deleted.

NOTE: If the symbolic file is corrupted or the actual XML configuration file is in the Hyper-V link directory, the actual file will be deleted.

Copy to New Location

Copies the VM XML configuration file to a new location and configures all necessary symbolic links and security. The original VM XML configuration file is not deleted.

Add Virtual Machine

Creates a new symbolic link to a pre-existing VM XML configuration file and configures all necessary security. This is usefully if the VM was removed or deleted from the Hyper-V manager or if you are restoring an existing copy of a virtual machine

Virtual Drives

This section lists all attached Virtual Hard Drive (VHD) files for the selected VM.

- Controller
  Device controller the VHD is assigned to
- Drive
  Drive number on the controller for the VHD
- Path
  Physical Path to the .VHD image file
- Status
  Valid / File Not Found
  File not found occurs if the configuration files points to a location which does not contain the .VHD file.

Point to New Location

Resets the physical path of the .VHD file, configures all necessary security, and updates the VM configuration file.

NOTE: This function does not move or otherwise alter any .VHD files

Copy to New Location

Copies the .VHD file located at the physical path to a new, user selected location, configures all necessary security, and updates the VM configuration file.   The original .VHD file is not deleted.