Hyper-V Server Report

HYPERV-2012R2-F

Date	07/05/2014 14:24:03
Author	CENTREL Solutions
Version	1.21
Product	XIA Configuration Server [6.0.0.25996]

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Disclaimer

Hyper-V Server Information

This is a sample Windows Server 2012 R2 Hyper-V server running both generation 1 and generation 2 virtual machines.

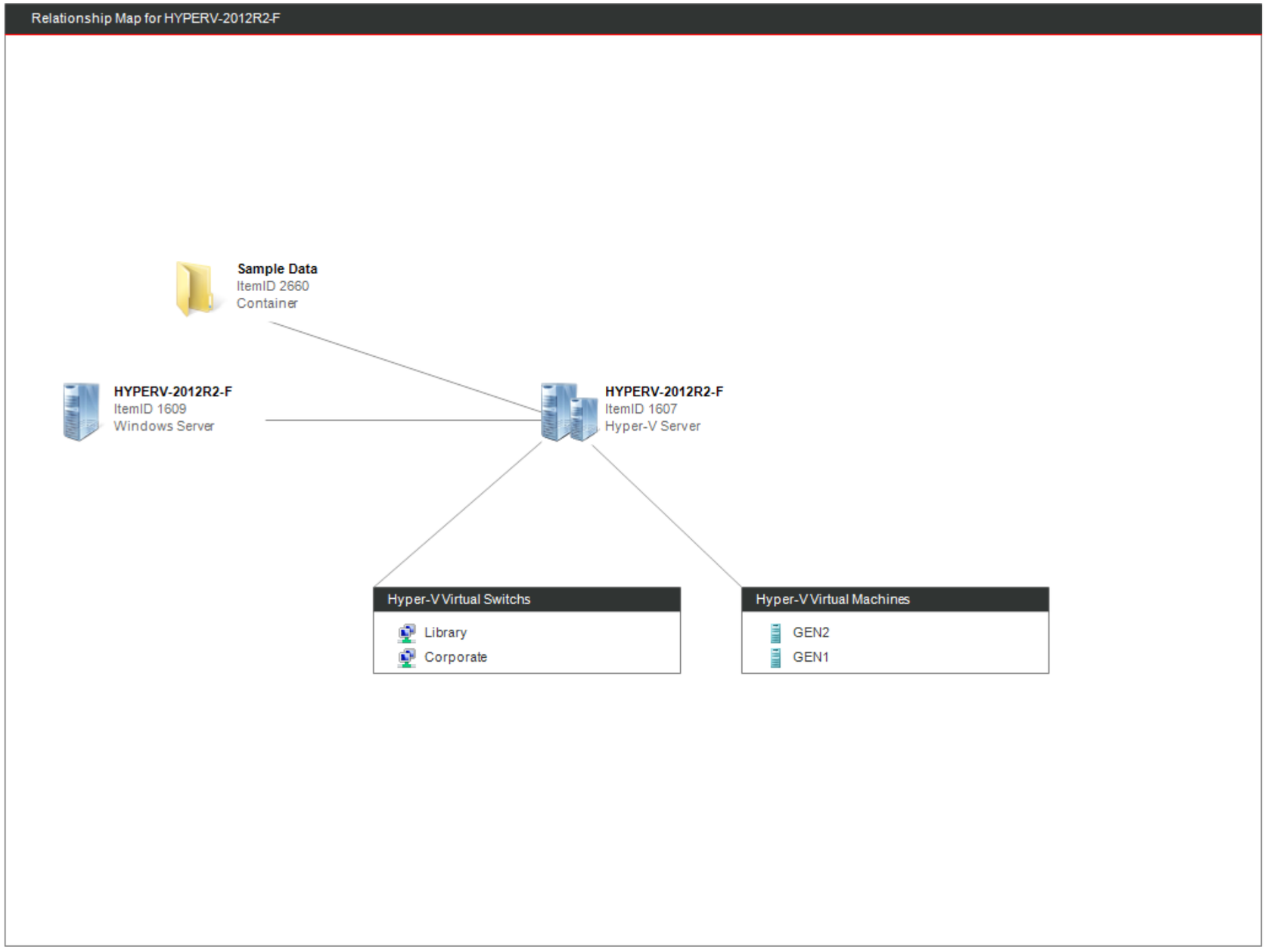
General Information

Description	Microsoft Windows Server 2012 R2 Datacenter
Item Name	HYPERV-2012R2-F
Item ID	1607
Primary Owner Name	IT Services
Primary Owner Contact	itservices@demonstration.com
Scanned on Date	07 October 2013
Client Version	4.7.2

Relationships

Item ID	Name	Type	Relationship Type
1609	HYPERV-2012R2-F	Windows Server	Is Hosted On
2660	Sample Data	Container	Contained Within
Internal	GEN2	Hyper-V Virtual Machine	Hosts Virtual Machine
Internal	GEN1	Hyper-V Virtual Machine	Hosts Virtual Machine
Internal	Library	Hyper-V Virtual Switch	Hosts Virtual Switch
Internal	Corporate	Hyper-V Virtual Switch	Hosts Virtual Switch

Relationship Map



Server Configuration

Host Configuration

Default Virtual Hard Disk Path	C:\Users\Public\Documents\Hyper-V\Virtual Hard Disks
Default Virtual Machine Path	C:\ProgramData\Microsoft\Windows\Hyper-V
Enhanced Session Mode	True
Allow virtual machines to span physical NUMA nodes	True
Bare Metal Hypervisor	False
Operating System	Microsoft Windows Server 2012 R2 Datacenter
Serial Number	VMware-56 4d eb f3 6c a4 f4 ff-2b 25 d0 84 14 38 ed 2f

Virtual Networking

The following defines the range of media access control (MAC) addresses that can be dynamically assigned to virtual network adapters.

MAC Address Range	
Minimum MAC Address	00155D59DE00
Maximum MAC Address	00155D59DEFF

Virtual Switches

The Hyper-V virtual switch is a software-based layer-2 network switch. The switch includes programmatically managed and extensible capabilities to connect virtual machines to both virtual networks and the physical network. Switches can be internal, external or private.

Virtual Switches

Name	Type	External Adapter
Library	External	Intel(R) PRO/1000 MT Network Connection #2
Corporate	External	Intel(R) PRO/1000 MT Network Connection #3

Library

The Hyper-V virtual switch is a software-based layer-2 network switch. External switches allow virtual machines to communicate with each other, the host and to access an external network through a designated physical network adapter on the Hyper-V host.

Library

GUID	CBB4D734-3E53-4DE7-88A3-A695B5966114
Switch Type	External
Notes	
Allow management operating system to share this network adapter	True
Enable VLAN	True
VLAN ID	2
External Adapter Name	Intel(R) PRO/1000 MT Network Connection #2

Connected Machines

Name	Operating System	Guest Processor Architecture	Notes
GEN2		Unknown	This is a sample generation 2 virtual machine integration services is not installed on this machine.
GEN1	Microsoft Windows 8.1 Pro	x86	This is a sample generation 1 virtual machine integration services is installed on this machine.

Extension

Description	Microsoft NDIS Capture
Enabled	False
Name	Microsoft NDIS Capture
Extension Type	Monitoring
Vendor	Microsoft
Version	6.3.9600.16384

Extension

Description	Microsoft Windows Filtering Platform
Enabled	True
Name	Microsoft Windows Filtering Platform
Extension Type	Filter
Vendor	Microsoft
Version	6.3.9600.16384

Corporate

The Hyper-V virtual switch is a software-based layer-2 network switch. External switches allow virtual machines to communicate with each other, the host and to access an external network through a designated physical network adapter on the Hyper-V host.

Corporate

GUID	FE2C5218-6FEF-4936-B728-5E49D7AE053D
Switch Type	External
Notes	
Allow management operating system to share this network adapter	True
Enable VLAN	False
External Adapter Name	Intel(R) PRO/1000 MT Network Connection #3

Connected Machines

Name	Operating System	Guest Processor Architecture	Notes
GEN1	Microsoft Windows 8.1 Pro	x86	This is a sample generation 1 virtual machine integration services is installed on this machine.

Extension

Description	Microsoft NDIS Capture
Enabled	False
Name	Microsoft NDIS Capture
Extension Type	Monitoring
Vendor	Microsoft
Version	6.3.9600.16384

Extension

Description	Microsoft Windows Filtering Platform
Enabled	False
Name	Microsoft Windows Filtering Platform
Extension Type	Filter
Vendor	Microsoft
Version	6.3.9600.16384

Physical GPUs

Provides information about the RemoteFX physical GPUs (graphics processing units) available on this Hyper-V host system.

This host does not have any RemoteFX physical GPUs available for use with Hyper-V.

Live Migration

Live migration provides the ability to move running virtual machines from one Hyper-V physical host to another without any disruption of service or perceived downtime. Live migration is integrated with Windows Server 2008 R2 Hyper-V and above.

Live Migration

Enabled	True
Authentication Type	Use credential security support provider (CredSSP).
Maximum Simultaneous Live Migrations	2
Performance Options	Compression
Incoming Live Migrations	Use Any Address

Storage Migration

Storage Migration

Maximum Simultaneous Storage Migrations	2

Storage Networking

Storage Networking

Minimum World Wide Port Name (WWPN)	C003FF43B4000000
Maximum World Wide Port Name (WWPN)	C003FF43B400FFFF
WWNN	C003FF0000FFFF00

Library SAN

Notes	SAN connection for library network

HQ SAN

Notes	The main headquarters SAN

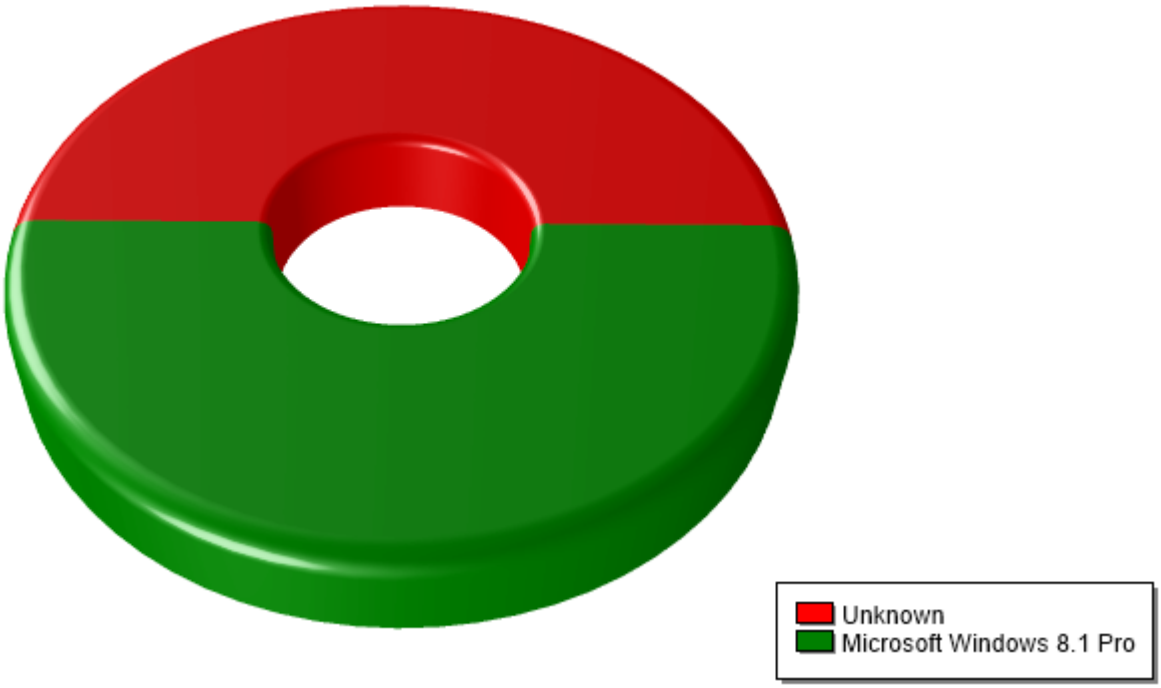
Virtual Machines

Virtual Machine Summary

Name	Notes	Operating System	Guest Processor Architecture
GEN2	This is a sample generation 2 virtual machine integration services is not installed on this machine.		Unknown
GEN1	This is a sample generation 1 virtual machine integration services is installed on this machine.	Microsoft Windows 8.1 Pro	x86

Operating System Breakdown

Unknown	1
Microsoft Windows 8.1 Pro	1



GEN2

General Settings

Automatic Start Action	Automatically start if it was running when the service was stopped
Automatic Stop Action	Save the virtual machine state
Automatic Start Delay	0
Unique Identifier	50A10644-CEA9-405C-BAC8-489CDDA26652
Configuration Data Directory	C:\ProgramData\Microsoft\Windows\Hyper-V
Generation	Generation2
Name	GEN2
Notes	This is a sample generation 2 virtual machine integration services is not installed on this machine.
Serial Number	2756-8233-7845-1370-3674-4969-70
Smart Paging File Location	C:\ProgramData\Microsoft\Windows\Hyper-V
Snapshots (Checkpoints)	0 Snapshots
Chassis Serial Number	2756-8233-7845-1370-3674-4969-70
Snapshot (Checkpoint) Directory	C:\ProgramData\Microsoft\Windows\Hyper-V
Version	5.0

Integration Services

Guest Services	True
Operating System Shutdown	True
Time Synchronization	True
Data Exchange	True
Heartbeat	True
Backup (VolumeSnapshot)	True

BIOS / Firmware

Number Lock	False
Startup Items	DVD Drive Network Adapter [Library] Hard Drive [Disk 1 1.00 GB Bus 0 Lun 0 Target 1]
Enable Secure Boot	True

Memory

Startup RAM	856
Enable Dynamic Memory	False
Minimum RAM	512
Maximum RAM	1048576
Memory Buffer	20
Memory Weight	5000

Processor

Processor Count	2
Reservation	0
Limit	100000
Relative Weight	100
Migrate to a physical computer with a different processor version	False
Maximum Processors Per NUMA Node	4
Maximum Memory Blocks Per NUMA Node	890
Maximum NUMA Nodes Per Socket	1

GEN1

General Settings

Automatic Start Action	Automatically start if it was running when the service was stopped
Automatic Stop Action	Save the virtual machine state
Automatic Start Delay	0
Unique Identifier	A7AA2E6B-9852-4863-89AE-C4115020B754
Configuration Data Directory	C:\ProgramData\Microsoft\Windows\Hyper-V
Generation	Generation2
Name	GEN1
Notes	This is a sample generation 1 virtual machine integration services is installed on this machine.
Serial Number	8985-6880-4983-9638-4318-7509-47
Smart Paging File Location	C:\ProgramData\Microsoft\Windows\Hyper-V
Snapshots (Checkpoints)	0 Snapshots
Chassis Serial Number	8985-6880-4983-9638-4318-7509-47
Snapshot (Checkpoint) Directory	C:\ProgramData\Microsoft\Windows\Hyper-V
Version	5.0

Guest Information

Fully Qualified Domain Name	DEMO-PC01
Operating System	Microsoft Windows 8.1 Pro
Operating System Version	6.1
Service Pack Version	Service Pack 2
SKU	Undefined
Processor Architecture	x86
Integration Services Version	6.3.9600.16384
IPv4 Addresses	192.168.89.236 192.168.89.232
IPv6 Addresses	fe80::215:5dff:fe59:de01%4 fe80::215:5dff:fe59:de00%5 fe80::5445:5245:444f%6 fe80::5efe:192.168.89.232%2 fe80::5efe:192.168.89.236%2

Integration Services

Guest Services	False
Operating System Shutdown	True
Time Synchronization	True
Data Exchange	True
Heartbeat	True
Backup (VolumeSnapshot)	True

BIOS / Firmware

Number Lock	False
Startup Items	CD IDE Legacy Network Adapter Floppy
Enable Secure Boot	NotApplicable

Memory

Startup RAM	512
Enable Dynamic Memory	False
Minimum RAM	512
Maximum RAM	1048576
Memory Buffer	20
Memory Weight	5000

Processor

Processor Count	1
Reservation	0
Limit	100000
Relative Weight	100
Migrate to a physical computer with a different processor version	False
Maximum Processors Per NUMA Node	4
Maximum Memory Blocks Per NUMA Node	890
Maximum NUMA Nodes Per Socket	1

Version History

The version history displays the changes that have been made to the documentation of this item over time - either automatically when a change has been detected, or manually by users of the system.

Version	Username	Date	Time	Description
1.21	CORP\Administrator	07 May 2014	14:18	Updated notes
1.20	CORP\Administrator	07 May 2014	14:14	Updated by XIA Configuration Client Data
1.19	CORP\Administrator	07 October 2013	18:04	Updated by XIA Configuration Client Data
1.18	CORP\Administrator	07 October 2013	18:04	Updated by XIA Configuration Client Data
1.17	CORP\Administrator	07 October 2013	11:51	Updated by XIA Configuration Client Data
1.16	CORP\Administrator	07 October 2013	11:51	Updated by XIA Configuration Client Data
1.15	CORP\Administrator	07 October 2013	11:51	Updated by XIA Configuration Client Data
1.14	CORP\Administrator	03 October 2013	17:03	Updated by XIA Configuration Client Data
1.13	CORP\Administrator	03 October 2013	17:03	Updated by XIA Configuration Client Data
1.12	CORP\Administrator	03 October 2013	17:03	Updated description