

Failover Cluster Report

clus12r2



Date	08/05/2014 11:03:53
Author	CENTREL Solutions
Version	1.14
Product	XIA Configuration Server [6.0.0.25996]

Table of Contents

Disclaimer

Microsoft Cluster Information

General Information	6
Relationships	6
Relationship Map	7

General Information

Cluster Aware Updating

Cluster Core Resources

Cluster IP Address	11
Cluster Name	12
Quorum Disk	14

Networks

Cluster Network 1	17
Cluster Network 2	18

Nodes

CLUS12R2-01	20
CLUS12R2-02	21
CLUS12R2-03	22
CLUS12R2-04	23

Roles

CORP-DHCP	25
IP Address 1	26
CORP-DHCP	27
DHCP Server	29
DHCP Disk	30
CORP-DTC	32
MSDTC-CORP-DTC	33
DTC disk	34
CORP-DTC	36

IP Address 192.168.89.238	38
CORP-ISCSI	39
IP Address 192.168.89.235	40
iSCSI Target Server	42
CORP-ISCSI	43
iSCSI Target Disk	45
CORP-WINS	47
WINS Disk	48
CORP-WINS	51
IP Address 192.168.89.234	53
WINS	54
DEMO-HYPERVREP	55
Hyper-V Replica Broker DEMO-HYPERVREP	56
DEMO-HYPERVREP	57
IP Address 192.168.89.236	59
DEMO-VM01	60
Virtual Machine Configuration DEMO-VM01	61
Virtual Machine DEMO-VM01	62
DEMO-VM02	64
Virtual Machine DEMO-VM02	65
Virtual Machine Configuration DEMO-VM02	67
Trap	68
Trap	69
IP Address 192.168.89.237	71
SNMP Trap	72
Storage	
Disks	74
DHCP Disk	75
DTC disk	77
iSCSI Target Disk	79
Quorum Disk	81
Virtual Machines Disk	83
WINS Disk	86
Storage Pools	89

Disclaimer

This document is for authorised use by the intended recipient(s) only. It may contain proprietary material, confidential information and, or be subject to legal privilege. It should not be copied, disclosed to, retained or used by, any other party.

Microsoft Cluster Information






This is a sample Microsoft cluster running Windows Server 2012 R2.

The cluster hosts several fictitious roles including two Hyper-V virtual machines.

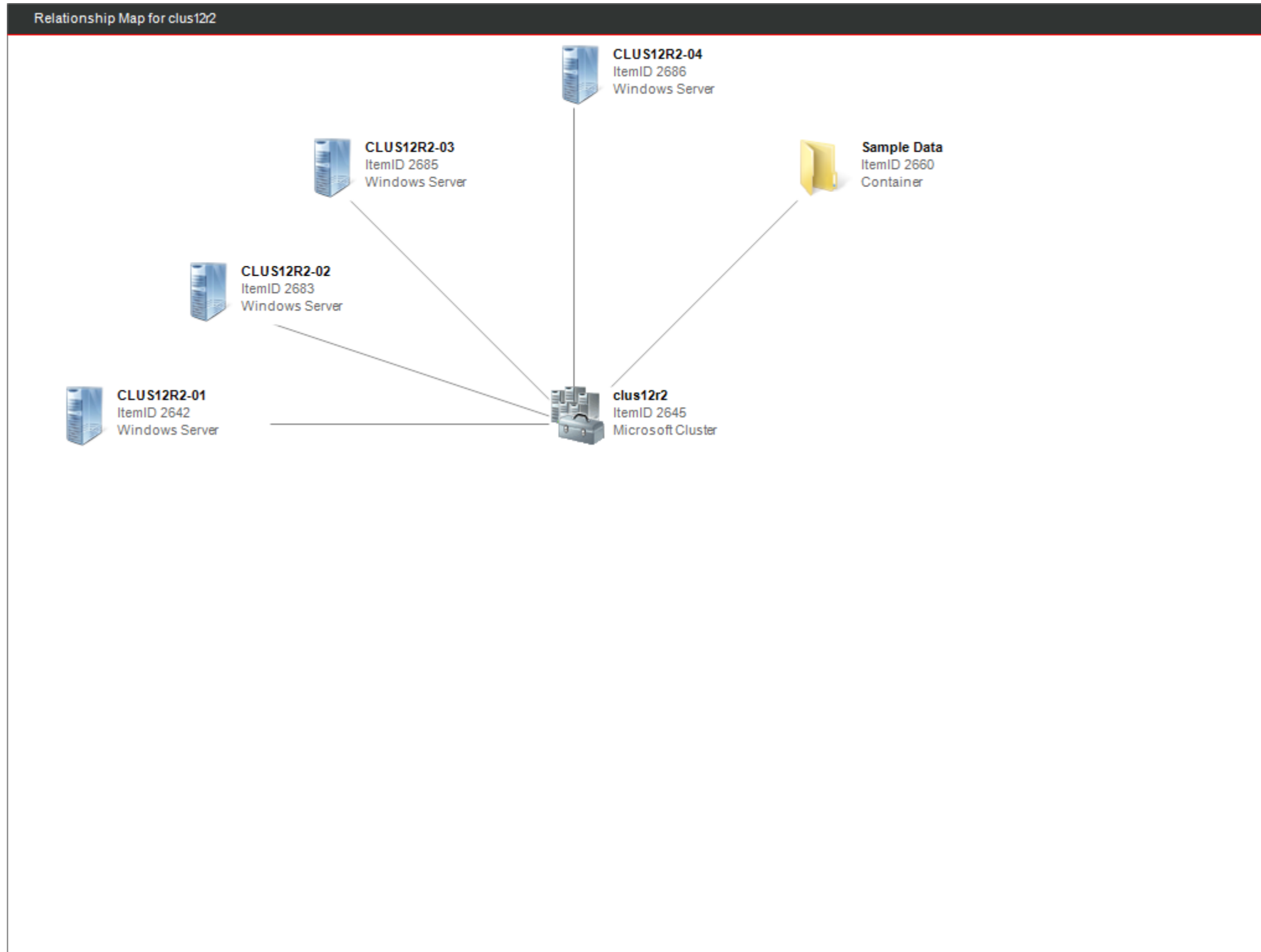
General Information

Description	Sample Windows Server 2012 R2 failover cluster
Item Name	clus12r2
Item ID	2645
Primary Owner Name	IT Services
Primary Owner Contact	itservices@demonstration.int
Scanned on Date	05 February 2014
Client Version	5.0.55

Relationships

Item ID	Name	Type	Relationship Type
 2642	CLUS12R2-01	Windows Server	Has Cluster Node
 2683	CLUS12R2-02	Windows Server	Has Cluster Node
 2685	CLUS12R2-03	Windows Server	Has Cluster Node
 2686	CLUS12R2-04	Windows Server	Has Cluster Node
 2660	Sample Data	Container	Contained Within

Relationship Map



General Information

A failover cluster is a group of independent computers that work together to increase the availability of applications and services. If one of the clustered servers (nodes) fails, another node begins to provide the service (a process known as failover). Users experience a minimum of disruption to the service.

General Information

Maximm Number Of Nodes	64
Operating System	6.3.9600
Fully Qualified Domain Name	clus12r2.clus12r2domain.int
Enable Shared Volumes	True
Shared Volumes Root	C:\ClusterStorage

Logging

Cluster Log Level	3
Cluster Log Size	300

Quorum Configuration

Quorum Type	Node and Disk Majority
Quorum Path	Q:\Cluster\
Quorum Resource Name	Quorum Disk
Voting Nodes	CLUS12R2-01
Dynamic Quorum Enabled	True

Cluster Aware Updating

Cluster-Aware Updating (CAU) is a feature for failover clusters introduced in Windows Server 2012 that automates the software updating process on clustered servers while maintaining availability.

Configuration




State	Self-updating mode enabled
Trigger Type	Weekly
Starting	24 January 2014
Time of day	03:00
Days Of Week	Tuesday
Recur every n weeks	1

Properties

Name	Value
EnableFirewallRules	1
FailbackMode	1
MaxRetriesPerNode	3
SelfUpdateInProgress	0
TaskRuntimeInHours	240
Test_PauseAfterMove	0
UseCnoForToken	0

Cluster Core Resources

Provides information about the core resources required to run the failover cluster.

Name	Type	Owner Role	State
 Cluster IP Address	IP Address	Cluster Group	Online
 Cluster Name	Network Name	Cluster Group	Online
 Quorum Disk	Physical Disk	Cluster Group	Online

Cluster IP Address

This section provides information about the resource 'Cluster IP Address'.

General

Resource Type	IP Address
Status	Online
Core Resource	False

IP Address Settings

Network	Cluster Network 1
DHCP Enabled	False
Address	192.168.89.232
Subnet Mask	255.255.255.0
Enable NetBIOS for this address	True

Dependencies

Dependencies	Cluster Name
Dependency Expression	

Policies

Response to resource failure	If the resource fails, attempt to restart on the current node, if this does not succeed fail over all resources to another node.
Period for restarts	15 minutes
Maximum restarts in the specified period	1
Delay between restarts	500 milliseconds
Begin restarting again after the specified period	1 hour
Pending Timeout	3 minutes

Advanced Policies

Possible Owner Names	CLUS12R2-01
Basic Resource Health Check Interval	Use resource type default.
Thorough Resource Health Check Interval	Use resource type default.
Separate Monitor	False

Properties

Name	Value
OverrideAddressMatch	0
ProbeFailureThreshold	0
ProbePort	0

Cluster Name

This section provides information about the resource 'Cluster Name'.

General

Resource Type	Network Name
Status	Online
Core Resource	True

Cluster Name Settings

Publish PTR records	False
Name	CLUS12R2
Full Name	clus12r2.clus12r2domain.int
 IP Address	192.168.89.232
NetBIOS Status	OK
DNS Status	OK
Kerberos Status	OK

Dependencies

Dependencies	Cluster IP Address
Dependency Expression	((Cluster IP Address))

Policies

Response to resource failure	If the resource fails, attempt to restart on the current node, if this does not succeed fail over all resources to another node.
Period for restarts	15 minutes
Maximum restarts in the specified period	1
Delay between restarts	500 milliseconds
Begin restarting again after the specified period	1 hour
Pending Timeout	3 minutes


Advanced Policies

Possible Owner Names	CLUS12R2-01
Basic Resource Health Check Interval	Use resource type default.
Thorough Resource Health Check Interval	Use resource type default.
Separate Monitor	False

 **Properties**

Name	Value
ADAware	1
Aliases	
CreatingDC	\\CLUS12R2-DC.clus12r2domain.int
HostRecordTTL	1200
LastDNSUpdateTime	20140205112428.453849+000
ObjectGUID	2be995139396b14eadcb4b66904517b0
RegisterAllProvidersIP	0
RemapPipeNames	0

Cryptographic Keys

Path
 1\Microsoft Enhanced Cryptographic Provider v1.0\b0f126ce-0292-4aad-b422-c48bf5c2e469-Netname Resource Data

Quorum Disk

This section provides information about the resource 'Quorum Disk'.

General

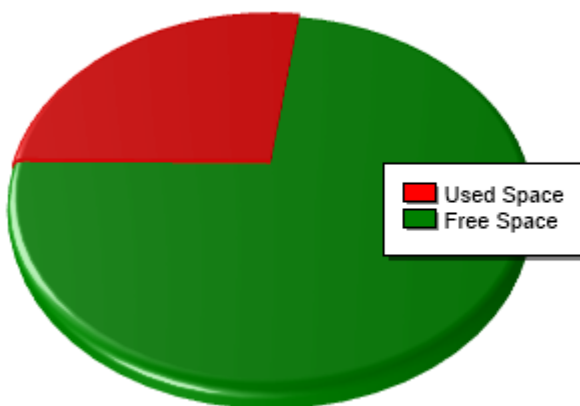
Resource Type	Physical Disk
Status	Online
Core Resource	True

Physical Disk Settings

Maintenance Mode	False
ID	137608684
Name	7
SCSI Bus	0
SCSI LUN	0
SCSI Port	3
SCSI Target ID	3

Q:

File System	NTFS
Volume Label	Quorum
Total Size	196MB
Free Space	144MB



Dependencies

Dependencies	
Dependency Expression	

Policies

Response to resource failure	If the resource fails, attempt to restart on the current node, if this does not succeed fail over all resources to another node.
Period for restarts	15 minutes
Maximum restarts in the specified period	1
Delay between restarts	500 milliseconds
Begin restarting again after the specified period	1 hour
Pending Timeout	3 minutes

Advanced Policies

Possible Owner Names	CLUS12R2-01
Basic Resource Health Check Interval	Use resource type default.
Thorough Resource Health Check Interval	Use resource type default.
Separate Monitor	False

Properties

Name	Value
CsvEnforceWriteThrough	0
DiskArbInterval	3
DiskIdGuid	
DiskIdType	0
DiskPath	
DiskReload	0
DiskRunChkdsk	0
DiskSignature	137608684
EnableBlockCache	1
MaxIoLatency	1000
PoolId	
VirtualDiskDescription	
VirtualDiskHealth	0
VirtualDiskId	
VirtualDiskName	
VirtualDiskProvisioning	0
VirtualDiskResiliencyColumns	0
VirtualDiskResiliencyInterleave	0
VirtualDiskResiliencyType	0
VirtualDiskState	0

Networks

For each of the networks physically connected to the servers (nodes) in a failover cluster, you can specify whether the network is used by the cluster, and if so, whether the network is used by the nodes only or also by clients.

Name	State	Cluster Use
 Cluster Network 1	Up	Cluster and Client
 Cluster Network 2	Up	Cluster Only

Cluster Network 1

For each of the networks physically connected to the servers (nodes) in a failover cluster, you can specify whether the network is used by the cluster, and if so, whether the network is used by the nodes only or also by clients.

Network Summary

Id	58a78d43-e102-416d-8a3f-1753205a830d
Role	Cluster and Client
State	Up
Subnets	192.168.89.0/24

CLUS12R2-01 - Ethernet

Adapter	Intel(R) PRO/1000 MT Network Connection
IPv4 Addresses	192.168.89.231
Node	CLUS12R2-01
Network	Cluster Network 1
State	Up

CLUS12R2-01 - Ethernet

Adapter	Intel(R) PRO/1000 MT Network Connection
IPv4 Addresses	192.168.89.231
Node	CLUS12R2-01
Network	Cluster Network 1
State	Up

CLUS12R2-01 - Ethernet

Adapter	Intel(R) PRO/1000 MT Network Connection
IPv4 Addresses	192.168.89.231
Node	CLUS12R2-01
Network	Cluster Network 1
State	Up

CLUS12R2-01 - Ethernet

Adapter	Intel(R) PRO/1000 MT Network Connection
IPv4 Addresses	192.168.89.231
Node	CLUS12R2-01
Network	Cluster Network 1
State	Up

Cluster Network 2

For each of the networks physically connected to the servers (nodes) in a failover cluster, you can specify whether the network is used by the cluster, and if so, whether the network is used by the nodes only or also by clients.

Network Summary

Id	ff9a4026-d02e-49ce-9e10-3df359744a18
Role	Cluster Only
State	Up
Subnets	10.1.1.0/24

CLUS12R2-01 - Ethernet 3

Adapter	Intel(R) PRO/1000 MT Network Connection #2
IPv4 Addresses	10.1.1.1
Node	CLUS12R2-01
Network	Cluster Network 2
State	Up

CLUS12R2-01 - Ethernet 3

Adapter	Intel(R) PRO/1000 MT Network Connection #2
IPv4 Addresses	10.1.1.1
Node	CLUS12R2-01
Network	Cluster Network 2
State	Up

CLUS12R2-01 - Ethernet 3





Adapter	Intel(R) PRO/1000 MT Network Connection #2
IPv4 Addresses	10.1.1.1
Node	CLUS12R2-01
Network	Cluster Network 2
State	Up

CLUS12R2-01 - Ethernet 3

Adapter	Intel(R) PRO/1000 MT Network Connection #2
IPv4 Addresses	10.1.1.1
Node	CLUS12R2-01
Network	Cluster Network 2
State	Up

Nodes

This section provides information about the nodes (servers) participating within this cluster.

Name	State	Operating System Version	Service Pack
 CLUS12R2-01	Up	6.3.9600	None Installed
 CLUS12R2-02	Up	6.3.9600	None Installed
 CLUS12R2-03	Up	6.3.9600	None Installed
 CLUS12R2-04	Up	6.3.9600	None Installed

CLUS12R2-01

This section provides information about the node 'CLUS12R2-01' participating within this cluster.

Node Information

Name	CLUS12R2-01
Node Weight	1
Operating System Version	6.3.9600
State	Up

Software Information

Operating System Name	Microsoft Windows Server 2012 R2 Datacenter
Service Pack	None Installed

Hardware Information

Manufacturer	HP
Model	ProLiant DL360 G4
Processors	
Serial Number	VMware-56 4d 02 b3 41 15 58 32-14 d4 dc 18 71 57 14 94



CLUS12R2-01 - Ethernet

Adapter	Intel(R) PRO/1000 MT Network Connection
IPv4 Addresses	192.168.89.231
Node	CLUS12R2-01
Network	Cluster Network 1
State	Up

CLUS12R2-01 - Ethernet 3

Adapter	Intel(R) PRO/1000 MT Network Connection #2
IPv4 Addresses	10.1.1.1
Node	CLUS12R2-01
Network	Cluster Network 2
State	Up

CLUS12R2-02

This section provides information about the node 'CLUS12R2-02' participating within this cluster.

Node Information

Name	CLUS12R2-02
Node Weight	1
Operating System Version	6.3.9600
State	Up

Software Information

Operating System Name	Microsoft Windows Server 2012 R2 Datacenter
Service Pack	None Installed

Hardware Information

Manufacturer	HP
Model	ProLiant DL360 G4
Processors	
Serial Number	VMware-56 4d 02 b3 41 15 58 32-14 d4 dc 18 71 57 14 95



CLUS12R2-01 - Ethernet

Adapter	Intel(R) PRO/1000 MT Network Connection
IPv4 Addresses	192.168.89.231
Node	CLUS12R2-01
Network	Cluster Network 1
State	Up

CLUS12R2-01 - Ethernet 3

Adapter	Intel(R) PRO/1000 MT Network Connection #2
IPv4 Addresses	10.1.1.1
Node	CLUS12R2-01
Network	Cluster Network 2
State	Up

CLUS12R2-03

This section provides information about the node 'CLUS12R2-03' participating within this cluster.

Node Information

Name	CLUS12R2-03
Node Weight	1
Operating System Version	6.3.9600
State	Up

Software Information

Operating System Name	Microsoft Windows Server 2012 R2 Datacenter
Service Pack	None Installed

Hardware Information

Manufacturer	HP
Model	ProLiant DL360 G4
Processors	
Serial Number	VMware-56 4d 02 b3 41 15 58 32-14 d4 dc 18 71 57 14 96



CLUS12R2-01 - Ethernet

Adapter	Intel(R) PRO/1000 MT Network Connection
IPv4 Addresses	192.168.89.231
Node	CLUS12R2-01
Network	Cluster Network 1
State	Up

CLUS12R2-01 - Ethernet 3

Adapter	Intel(R) PRO/1000 MT Network Connection #2
IPv4 Addresses	10.1.1.1
Node	CLUS12R2-01
Network	Cluster Network 2
State	Up

CLUS12R2-04

This section provides information about the node 'CLUS12R2-04' participating within this cluster.

Node Information

Name	CLUS12R2-04
Node Weight	1
Operating System Version	6.3.9600
State	Up

Software Information

Operating System Name	Microsoft Windows Server 2012 R2 Datacenter
Service Pack	None Installed

Hardware Information

Manufacturer	HP
Model	ProLiant DL360 G4
Processors	
Serial Number	VMware-56 4d 02 b3 41 15 58 32-14 d4 dc 18 71 57 14 97



CLUS12R2-01 - Ethernet









Adapter	Intel(R) PRO/1000 MT Network Connection
IPv4 Addresses	192.168.89.231
Node	CLUS12R2-01
Network	Cluster Network 1
State	Up

CLUS12R2-01 - Ethernet 3

Adapter	Intel(R) PRO/1000 MT Network Connection #2
IPv4 Addresses	10.1.1.1
Node	CLUS12R2-01
Network	Cluster Network 2
State	Up

Roles

Roles (also known as resource groups) are a collection of one or more resources that are managed and monitored as a single unit. A role can be started, stopped and failed over between cluster nodes independently of roles.

Name	Status	Type	Owner Node	Priority
 CORP-DHCP	Online	DHCP Server	CLUS12R2-01	Medium
 CORP-DTC	Online	Distributed Transaction Coordinator (DTC)	CLUS12R2-01	Medium
 CORP-ISCSI	Online	iSCSI Target Server	CLUS12R2-01	Medium
 CORP-WINS	Online	WINS Server	CLUS12R2-01	Medium
 DEMO-HYPERVREP	Online	Hyper-V Replica Broker	CLUS12R2-01	Medium
 DEMO-VM01	Online	Virtual Machine	CLUS12R2-01	Medium
 DEMO-VM02	Online	Virtual Machine	CLUS12R2-01	Medium
 Trap	Online	Generic Service	CLUS12R2-01	Medium

CORP-DHCP

This section provides information about the role 'CORP-DHCP'.





General

Preferred Owners	
Role Type	DHCP Server
Priority	Medium
Status	Online
Owner	CLUS12R2-01

Failover

Maximum failures in the specified period	0
Failover Period (hours)	6
Failback Summary	Prevent Failback

Resources

Name	Type	Owner Role	State
 IP Address 1	IP Address	CORP-DHCP	Online
 CORP-DHCP	Network Name	CORP-DHCP	Online
 DHCP Server	DHCP Service	CORP-DHCP	Online
 DHCP Disk	Physical Disk	CORP-DHCP	Online

IP Address 1

This section provides information about the resource 'IP Address 1'.

General

Resource Type	IP Address
Status	Online
Core Resource	False

IP Address Settings

Network	Cluster Network 1
DHCP Enabled	False
Address	192.168.89.233
Subnet Mask	255.255.255.0
Enable NetBIOS for this address	True

Dependencies

Dependencies	CORP-DHCP
Dependency Expression	

Policies

Response to resource failure	If the resource fails, attempt to restart on the current node, if this does not succeed fail over all resources to another node.
Period for restarts	15 minutes
Maximum restarts in the specified period	1
Delay between restarts	500 milliseconds
Begin restarting again after the specified period	1 hour
Pending Timeout	3 minutes

Advanced Policies

Possible Owner Names	CLUS12R2-01
Basic Resource Health Check Interval	Use resource type default.
Thorough Resource Health Check Interval	Use resource type default.
Separate Monitor	False

Properties

Name	Value
OverrideAddressMatch	0
ProbeFailureThreshold	0
ProbePort	0


CORP-DHCP

This section provides information about the resource 'CORP-DHCP'.

General

Resource Type	Network Name
Status	Online
Core Resource	False

Cluster Name Settings

Publish PTR records	False
Name	CORP-DHCP
Full Name	CORP-DHCP.clus12r2domain.int
 IP Address	192.168.89.233
NetBIOS Status	OK
DNS Status	OK
Kerberos Status	OK

Dependencies

Dependencies	IP Address 1 DHCP Server
Dependency Expression	((IP Address 1))

Policies

Response to resource failure	If the resource fails, attempt to restart on the current node, if this does not succeed fail over all resources to another node.
Period for restarts	15 minutes
Maximum restarts in the specified period	1
Delay between restarts	500 milliseconds
Begin restarting again after the specified period	1 hour
Pending Timeout	3 minutes


Advanced Policies

Possible Owner Names	CLUS12R2-01
Basic Resource Health Check Interval	Use resource type default.
Thorough Resource Health Check Interval	Use resource type default.
Separate Monitor	False

 **Properties**

Name	Value
ADAware	1
Aliases	
CreatingDC	\\CLUS12R2-DC.clus12r2domain.int
HostRecordTTL	1200
LastDNSUpdateTime	20140205112423.384970+000
ObjectGUID	521c29061fa3df459825730be2f934c9
RegisterAllProvidersIP	0
RemapPipeNames	0

Cryptographic Keys

Path
 1\Microsoft Enhanced Cryptographic Provider v1.0\56e92b22-adf2-425f-a695-c795d10178a5-Netname Resource Data

DHCP Server

This section provides information about the resource 'DHCP Server'.

General

Resource Type	DHCP Service
Status	Online
Core Resource	False

DHCP Service Settings

Database Path	F:\dhcp\db
Backup Path	F:\dhcp\backup
Audit File Path	F:\dhcp\logs

Dependencies

Dependencies	CORP-DHCP DHCP Disk
Dependency Expression	((CORP-DHCP]) and ([DHCP Disk])

Policies

Response to resource failure	If the resource fails, attempt to restart on the current node, if this does not succeed fail over all resources to another node.
Period for restarts	15 minutes
Maximum restarts in the specified period	1
Delay between restarts	500 milliseconds
Begin restarting again after the specified period	1 hour
Pending Timeout	3 minutes

Advanced Policies

Possible Owner Names	CLUS12R2-01
Basic Resource Health Check Interval	Use resource type default.
Thorough Resource Health Check Interval	Use resource type default.
Separate Monitor	False

Registry Keys

Path	
 System\CurrentControlSet\Services\DHCP\Parameters	
 Software\Microsoft\DHCP\Server\Configuration	

DHCP Disk

This section provides information about the resource 'DHCP Disk'.

General

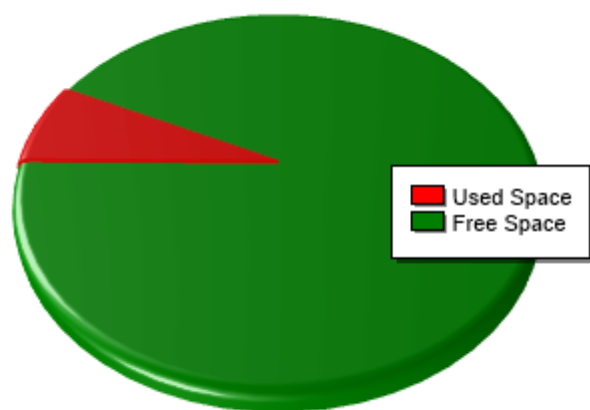
Resource Type	Physical Disk
Status	Online
Core Resource	False

Physical Disk Settings

Maintenance Mode	False
ID	3155700319
Name	4
SCSI Bus	0
SCSI LUN	0
SCSI Port	3
SCSI Target ID	0

F:

File System	NTFS
Volume Label	DHCP
Total Size	1020MB
Free Space	948MB



Dependencies

Dependencies	DHCP Server
Dependency Expression	

Policies

Response to resource failure	If the resource fails, attempt to restart on the current node, if this does not succeed fail over all resources to another node.
Period for restarts	15 minutes
Maximum restarts in the specified period	1
Delay between restarts	500 milliseconds
Begin restarting again after the specified period	1 hour
Pending Timeout	3 minutes

Advanced Policies

Possible Owner Names	CLUS12R2-01
Basic Resource Health Check Interval	Use resource type default.
Thorough Resource Health Check Interval	Use resource type default.
Separate Monitor	False

Properties

Name	Value
CsvEnforceWriteThrough	0
DiskArbInterval	3
DiskIdGuid	
DiskIdType	0
DiskPath	
DiskReload	0
DiskRunChkDsk	0
DiskSignature	3155700319
EnableBlockCache	1
MaxIoLatency	1000
PoolId	
VirtualDiskDescription	
VirtualDiskHealth	0
VirtualDiskId	
VirtualDiskName	
VirtualDiskProvisioning	0
VirtualDiskResiliencyColumns	0
VirtualDiskResiliencyInterleave	0
VirtualDiskResiliencyType	0
VirtualDiskState	0

CORP-DTC

This section provides information about the role 'CORP-DTC'.





General

Preferred Owners	
Role Type	Distributed Transaction Coordinator (DTC)
Priority	Medium
Status	Online
Owner	CLUS12R2-01

Failover

Maximum failures in the specified period	0
Failover Period (hours)	6
Failback Summary	Prevent Failback

Resources

Name	Type	Owner Role	State
 MSDTC-CORP-DTC	Distributed Transaction Coordinator	CORP-DTC	Online
 DTC disk	Physical Disk	CORP-DTC	Online
 CORP-DTC	Network Name	CORP-DTC	Online
 IP Address 192.168.89.238	IP Address	CORP-DTC	Online

MSDTC-CORP-DTC

This section provides information about the resource 'MSDTC-CORP-DTC'.

General

Resource Type	Distributed Transaction Coordinator
Status	Online
Core Resource	False

Dependencies

Dependencies	CORP-DTC DTC disk
Dependency Expression	((CORP-DTC) and ([DTC disk])


Policies

Response to resource failure	If the resource fails, attempt to restart on the current node, if this does not succeed fail over all resources to another node.
Period for restarts	15 minutes
Maximum restarts in the specified period	1
Delay between restarts	500 milliseconds
Begin restarting again after the specified period	1 hour
Pending Timeout	3 minutes

Advanced Policies

Possible Owner Names	CLUS12R2-01
Basic Resource Health Check Interval	Use resource type default.
Thorough Resource Health Check Interval	Use resource type default.
Separate Monitor	False

Cryptographic Keys

Path	 24\Microsoft Enhanced RSA and AES Cryptographic Provider\377db6fc-ac5b-44a4-864f-1a5260cf2ca8
------	--

DTC disk

This section provides information about the resource 'DTC disk'.

General

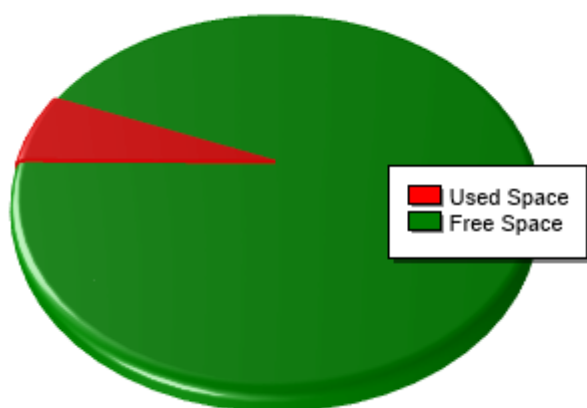
Resource Type	Physical Disk
Status	Online
Core Resource	False

Physical Disk Settings

Maintenance Mode	False
ID	179131784
Name	5
SCSI Bus	0
SCSI LUN	0
SCSI Port	3
SCSI Target ID	1

\\?\Volume{835a4928-8804-11e3-80c3-000c29571494}

File System	NTFS
Volume Label	DTC
Total Size	1020MB
Free Space	959MB



Dependencies

Dependencies	MSDTC-CORP-DTC
Dependency Expression	

 **Policies**

Response to resource failure	If the resource fails, attempt to restart on the current node, if this does not succeed fail over all resources to another node.
Period for restarts	15 minutes
Maximum restarts in the specified period	1
Delay between restarts	500 milliseconds
Begin restarting again after the specified period	1 hour
Pending Timeout	3 minutes

 **Advanced Policies**

Possible Owner Names	CLUS12R2-01
Basic Resource Health Check Interval	Use resource type default.
Thorough Resource Health Check Interval	Use resource type default.
Separate Monitor	False

 **Properties**

Name	Value
CsvEnforceWriteThrough	0
DiskArbInterval	3
DiskIdGuid	
DiskIdType	0
DiskPath	
DiskReload	0
DiskRunChkdsk	0
DiskSignature	179131784
EnableBlockCache	1
MaxIoLatency	1000
PoolId	
VirtualDiskDescription	
VirtualDiskHealth	0
VirtualDiskId	
VirtualDiskName	
VirtualDiskProvisioning	0
VirtualDiskResiliencyColumns	0
VirtualDiskResiliencyInterleave	0
VirtualDiskResiliencyType	0
VirtualDiskState	0

CORP-DTC

This section provides information about the resource 'CORP-DTC'.

General

Resource Type	Network Name
Status	Online
Core Resource	False

Cluster Name Settings

Publish PTR records	False
Name	CORP-DTC
Full Name	CORP-DTC.clus12r2domain.int
 IP Address	192.168.89.238
NetBIOS Status	OK
DNS Status	OK
Kerberos Status	OK

Dependencies

Dependencies	IP Address 192.168.89.238 MSDTC-CORP-DTC
Dependency Expression	((IP Address 192.168.89.238))

Policies

Response to resource failure	If the resource fails, attempt to restart on the current node, if this does not succeed fail over all resources to another node.
Period for restarts	15 minutes
Maximum restarts in the specified period	1
Delay between restarts	500 milliseconds
Begin restarting again after the specified period	1 hour
Pending Timeout	3 minutes


Advanced Policies

Possible Owner Names	CLUS12R2-01
Basic Resource Health Check Interval	Use resource type default.
Thorough Resource Health Check Interval	Use resource type default.
Separate Monitor	False

 **Properties**

Name	Value
ADAware	1
Aliases	
CreatingDC	\\CLUS12R2-DC.clus12r2domain.int
HostRecordTTL	1200
LastDNSUpdateTime	20140205112428.590287+000
ObjectGUID	2fbba3959a967d47a6dcee0178a21a14
RegisterAllProvidersIP	0
RemapPipeNames	0

Cryptographic Keys

Path
 1\Microsoft Enhanced Cryptographic Provider v1.0\fc6e095e-a415-43eb-be40-303c245be722-Netname Resource Data

IP Address 192.168.89.238

This section provides information about the resource 'IP Address 192.168.89.238'.

General

Resource Type	IP Address
Status	Online
Core Resource	False

IP Address Settings

Network	Cluster Network 1
DHCP Enabled	False
Address	192.168.89.238
Subnet Mask	255.255.255.0
Enable NetBIOS for this address	True

Dependencies

Dependencies	CORP-DTC
Dependency Expression	

Policies

Response to resource failure	If the resource fails, attempt to restart on the current node, if this does not succeed fail over all resources to another node.
Period for restarts	15 minutes
Maximum restarts in the specified period	1
Delay between restarts	500 milliseconds
Begin restarting again after the specified period	1 hour
Pending Timeout	3 minutes

Advanced Policies

Possible Owner Names	CLUS12R2-01
Basic Resource Health Check Interval	Use resource type default.
Thorough Resource Health Check Interval	Use resource type default.
Separate Monitor	False

Properties

Name	Value
OverrideAddressMatch	0
ProbeFailureThreshold	0
ProbePort	0

CORP-ISCSI

This section provides information about the role 'CORP-ISCSI'.





General

Preferred Owners	
Role Type	iSCSI Target Server
Priority	Medium
Status	Online
Owner	CLUS12R2-01

Failover

Maximum failures in the specified period	0
Failover Period (hours)	6
Failback Summary	Prevent Failback

Resources

Name	Type	Owner Role	State
 IP Address 192.168.89.235	IP Address	CORP-ISCSI	Online
 iSCSI Target Server	iSCSI Target Server	CORP-ISCSI	Online
 CORP-ISCSI	Network Name	CORP-ISCSI	Online
 iSCSI Target Disk	Physical Disk	CORP-ISCSI	Online

IP Address 192.168.89.235

This section provides information about the resource 'IP Address 192.168.89.235'.

General

Resource Type	IP Address
Status	Online
Core Resource	False

IP Address Settings

Network	Cluster Network 1
DHCP Enabled	False
Address	192.168.89.235
Subnet Mask	255.255.255.0
Enable NetBIOS for this address	True

Dependencies

Dependencies	CORP-ISCSI iSCSI Target Server
Dependency Expression	

Policies

Response to resource failure	If the resource fails, attempt to restart on the current node, if this does not succeed fail over all resources to another node.
Period for restarts	15 minutes
Maximum restarts in the specified period	1
Delay between restarts	500 milliseconds
Begin restarting again after the specified period	1 hour
Pending Timeout	3 minutes

Advanced Policies

Possible Owner Names	CLUS12R2-01
Basic Resource Health Check Interval	Use resource type default.
Thorough Resource Health Check Interval	Use resource type default.
Separate Monitor	False

 **Properties**

Name	Value
OverrideAddressMatch	0
ProbeFailureThreshold	0
ProbePort	0

iSCSI Target Server

This section provides information about the resource 'iSCSI Target Server'.

General

Resource Type	iSCSI Target Server
Status	Online
Core Resource	False

Dependencies

Dependencies	IP Address 192.168.89.235
Dependency Expression	((IP Address 192.168.89.235))

Policies

Response to resource failure	If the resource fails, attempt to restart on the current node, if this does not succeed fail over all resources to another node.
Period for restarts	15 minutes
Maximum restarts in the specified period	1
Delay between restarts	500 milliseconds
Begin restarting again after the specified period	1 hour
Pending Timeout	3 minutes


Advanced Policies

Possible Owner Names	CLUS12R2-01
Basic Resource Health Check Interval	Use resource type default.
Thorough Resource Health Check Interval	Use resource type default.
Separate Monitor	False

Properties

Name	Value
KeyContainer	{820AEE92-0FBF-4E44-A68E-6E8355004248}
VendorSpecificIdHigh	4026531847
VendorSpecificIdLow	1492003917

Cryptographic Keys

Path
 24Microsoft Enhanced RSA and AES Cryptographic Provider\{820AEE92-0FBF-4E44-A68E-6E8355004248}

CORP-ISCSI

This section provides information about the resource 'CORP-ISCSI'.

General

Resource Type	Network Name
Status	Online
Core Resource	False

Cluster Name Settings

Publish PTR records	False
Name	CORP-ISCSI
Full Name	CORP-ISCSI.clus12r2domain.int
 IP Address	192.168.89.235
NetBIOS Status	OK
DNS Status	OK
Kerberos Status	OK

Dependencies

Dependencies	IP Address 192.168.89.235
Dependency Expression	((IP Address 192.168.89.235))

Policies

Response to resource failure	If the resource fails, attempt to restart on the current node, if this does not succeed fail over all resources to another node.
Period for restarts	15 minutes
Maximum restarts in the specified period	1
Delay between restarts	500 milliseconds
Begin restarting again after the specified period	1 hour
Pending Timeout	3 minutes


Advanced Policies

Possible Owner Names	CLUS12R2-01
Basic Resource Health Check Interval	Use resource type default.
Thorough Resource Health Check Interval	Use resource type default.
Separate Monitor	False

 **Properties**

Name	Value
ADAware	1
Aliases	
CreatingDC	\\CLUS12R2-DC.clus12r2domain.int
HostRecordTTL	1200
LastDNSUpdateTime	20140205112423.431571+000
ObjectGUID	c04f7b66f3bf25429a253210363558e1
RegisterAllProvidersIP	0
RemapPipeNames	0

Cryptographic Keys

Path
 1\Microsoft Enhanced Cryptographic Provider v1.0\1f152ede-9251-433c-9211-dd2dd74f8688-Netname Resource Data

iSCSI Target Disk

This section provides information about the resource 'iSCSI Target Disk'.

General

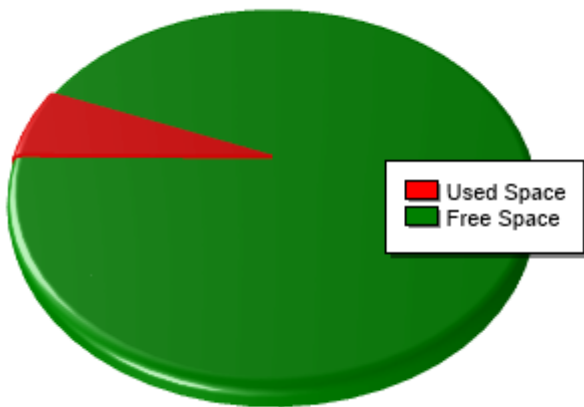
Resource Type	Physical Disk
Status	Online
Core Resource	False

Physical Disk Settings

Maintenance Mode	False
ID	729679867
Name	6
SCSI Bus	0
SCSI LUN	0
SCSI Port	3
SCSI Target ID	2

G:

File System	NTFS
Volume Label	iSCSI Target role
Total Size	1020MB
Free Space	963MB



Dependencies

Dependencies	
Dependency Expression	

Policies

Response to resource failure	If the resource fails, attempt to restart on the current node, if this does not succeed fail over all resources to another node.
Period for restarts	15 minutes
Maximum restarts in the specified period	2
Delay between restarts	500 milliseconds
Begin restarting again after the specified period	1 hour
Pending Timeout	3 minutes

Advanced Policies

Possible Owner Names	CLUS12R2-01
Basic Resource Health Check Interval	Use resource type default.
Thorough Resource Health Check Interval	Use resource type default.
Separate Monitor	False

Properties

Name	Value
CsvEnforceWriteThrough	0
DiskArbInterval	3
DiskIdGuid	
DiskIdType	0
DiskPath	
DiskReload	0
DiskRunChkdsk	0
DiskSignature	729679867
EnableBlockCache	1
MaxIoLatency	1000
PoolId	
VirtualDiskDescription	
VirtualDiskHealth	0
VirtualDiskId	
VirtualDiskName	
VirtualDiskProvisioning	0
VirtualDiskResiliencyColumns	0
VirtualDiskResiliencyInterleave	0
VirtualDiskResiliencyType	0
VirtualDiskState	0

CORP-WINS

This section provides information about the role 'CORP-WINS'.





General

Preferred Owners	
Role Type	WINS Server
Priority	Medium
Status	Online
Owner	CLUS12R2-01

Failover

Maximum failures in the specified period	0
Failover Period (hours)	6
Failback Summary	Prevent Failback

Resources

Name	Type	Owner Role	State
 WINS Disk	Physical Disk	CORP-WINS	Online
 CORP-WINS	Network Name	CORP-WINS	Online
 IP Address 192.168.89.234	IP Address	CORP-WINS	Online
 WINS	WINS Service	CORP-WINS	Online

WINS Disk

This section provides information about the resource 'WINS Disk'.

General

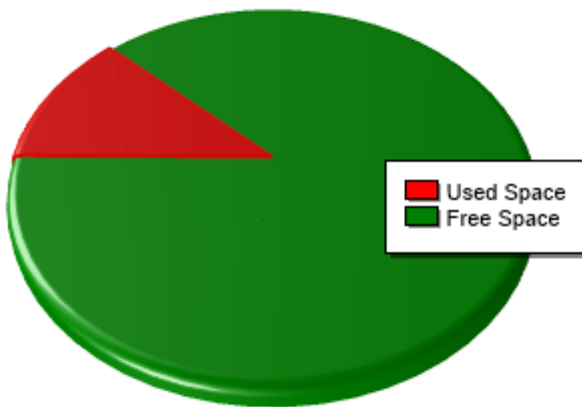
Resource Type	Physical Disk
Status	Online
Core Resource	False

Physical Disk Settings

Maintenance Mode	False
ID	3155700312
Name	9
SCSI Bus	0
SCSI LUN	0
SCSI Port	3
SCSI Target ID	5

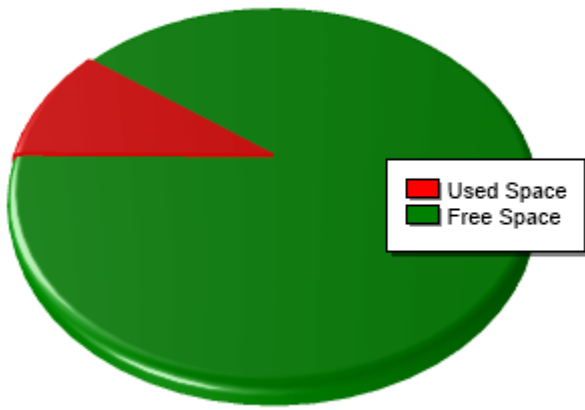
E:


File System	NTFS
Volume Label	WINS
Total Size	499MB
Free Space	440MB



I:

File System	NTFS
Volume Label	WINS Backup
Total Size	520MB
Free Space	470MB



 **Dependencies**

Dependencies	WINS
Dependency Expression	

 **Policies**

Response to resource failure	If the resource fails, attempt to restart on the current node, if this does not succeed fail over all resources to another node.
Period for restarts	15 minutes
Maximum restarts in the specified period	1
Delay between restarts	500 milliseconds
Begin restarting again after the specified period	1 hour
Pending Timeout	3 minutes

 **Advanced Policies**

Possible Owner Names	CLUS12R2-01
Basic Resource Health Check Interval	Use resource type default.
Thorough Resource Health Check Interval	Use resource type default.
Separate Monitor	False

 **Properties**

Name	Value
CsvEnforceWriteThrough	0
DiskArbInterval	3
DiskIdGuid	
DiskIdType	0
DiskPath	
DiskReload	0
DiskRunChkDsk	0
DiskSignature	3155700312
EnableBlockCache	1
MaxIoLatency	1000
PoolId	
VirtualDiskDescription	
VirtualDiskHealth	0
VirtualDiskId	
VirtualDiskName	
VirtualDiskProvisioning	0
VirtualDiskResiliencyColumns	0
VirtualDiskResiliencyInterleave	0
VirtualDiskResiliencyType	0
VirtualDiskState	0

CORP-WINS

This section provides information about the resource 'CORP-WINS'.

General

Resource Type	Network Name
Status	Online
Core Resource	False

Cluster Name Settings

Publish PTR records	False
Name	CORP-WINS
Full Name	CORP-WINS.clus12r2domain.int
 IP Address	192.168.89.234
NetBIOS Status	OK
DNS Status	OK
Kerberos Status	OK

Dependencies

Dependencies	IP Address 192.168.89.234 WINS
Dependency Expression	((IP Address 192.168.89.234))

Policies

Response to resource failure	If the resource fails, attempt to restart on the current node, if this does not succeed fail over all resources to another node.
Period for restarts	15 minutes
Maximum restarts in the specified period	1
Delay between restarts	500 milliseconds
Begin restarting again after the specified period	1 hour
Pending Timeout	3 minutes


Advanced Policies

Possible Owner Names	CLUS12R2-01
Basic Resource Health Check Interval	Use resource type default.
Thorough Resource Health Check Interval	Use resource type default.
Separate Monitor	False

 **Properties**

Name	Value
ADAware	1
Aliases	
CreatingDC	\\CLUS12R2-DC.clus12r2domain.int
HostRecordTTL	1200
LastDNSUpdateTime	20140205112415.933404+000
ObjectGUID	9a55f1ba68a98a4fb0080121053c7ce9
RegisterAllProvidersIP	0
RemapPipeNames	0

Cryptographic Keys

Path
 1\Microsoft Enhanced Cryptographic Provider v1.0\{e14181d7-031b-4f8e-9f54-a32c18730e54}\Netname Resource Data

IP Address 192.168.89.234

This section provides information about the resource 'IP Address 192.168.89.234'.

General

Resource Type	IP Address
Status	Online
Core Resource	False

IP Address Settings

Network	Cluster Network 1
DHCP Enabled	False
Address	192.168.89.234
Subnet Mask	255.255.255.0
Enable NetBIOS for this address	True

Dependencies

Dependencies	CORP-WINS
Dependency Expression	

Policies

Response to resource failure	If the resource fails, attempt to restart on the current node, if this does not succeed fail over all resources to another node.
Period for restarts	15 minutes
Maximum restarts in the specified period	1
Delay between restarts	500 milliseconds
Begin restarting again after the specified period	1 hour
Pending Timeout	3 minutes

Advanced Policies

Possible Owner Names	CLUS12R2-01
Basic Resource Health Check Interval	Use resource type default.
Thorough Resource Health Check Interval	Use resource type default.
Separate Monitor	False

Properties

Name	Value
OverrideAddressMatch	0
ProbeFailureThreshold	0
ProbePort	0

WINS

This section provides information about the resource 'WINS'.

General

Resource Type	WINS Service
Status	Online
Core Resource	False

WINS Service Settings

Database Path	E:\wins\db
Backup Path	E:\wins\backup

Dependencies

Dependencies	WINS Disk CORP-WINS
Dependency Expression	([WINS Disk]) and ([CORP-WINS])

Policies

Response to resource failure	If the resource fails, attempt to restart on the current node, if this does not succeed fail over all resources to another node.
Period for restarts	15 minutes
Maximum restarts in the specified period	1
Delay between restarts	500 milliseconds
Begin restarting again after the specified period	1 hour
Pending Timeout	3 minutes

Advanced Policies

Possible Owner Names	CLUS12R2-01
Basic Resource Health Check Interval	Use resource type default.
Thorough Resource Health Check Interval	Use resource type default.
Separate Monitor	False

Registry Keys

Path	
 System\CurrentControlSet\Services\WINS\Parameters	
 System\CurrentControlSet\Services\WINS\Partners	

DEMO-HYPERVREP

This section provides information about the role 'DEMO-HYPERVREP'.




General

Preferred Owners	
Role Type	Hyper-V Replica Broker
Priority	Medium
Status	Online
Owner	CLUS12R2-01

Failover

Maximum failures in the specified period	0
Failover Period (hours)	6
Failback Summary	Prevent Failback

Resources

Name	Type	Owner Role	State
 Hyper-V Replica Broker DEMO-HYPERVREP	Virtual Machine Replication Broker	DEMO-HYPERVREP	Online
 DEMO-HYPERVREP	Network Name	DEMO-HYPERVREP	Online
 IP Address 192.168.89.236	IP Address	DEMO-HYPERVREP	Online

Hyper-V Replica Broker DEMO-HYPERVREP

This section provides information about the resource 'Hyper-V Replica Broker DEMO-HYPERVREP'.

General

Resource Type	Virtual Machine Replication Broker
Status	Online
Core Resource	False

Dependencies

Dependencies	DEMO-HYPERVREP
Dependency Expression	((DEMO-HYPERVREP))

Policies

Response to resource failure	If the resource fails, attempt to restart on the current node, if this does not succeed fail over all resources to another node.
Period for restarts	15 minutes
Maximum restarts in the specified period	1
Delay between restarts	500 milliseconds
Begin restarting again after the specified period	1 hour
Pending Timeout	3 minutes

Advanced Policies

Possible Owner Names	CLUS12R2-01
Basic Resource Health Check Interval	Use resource type default.
Thorough Resource Health Check Interval	Use resource type default.
Separate Monitor	False

Properties

Name	Value
AuthenticationType	0
Authorization	
CertificateThumbPrint	
HttpPort	80
HttpsPort	443
ListenerPortMapping	
MonitoringInterval	43200
MonitoringStartTime	32400
RecoveryServerEnabled	0

DEMO-HYPERVREP

This section provides information about the resource 'DEMO-HYPERVREP'.

General

Resource Type	Network Name
Status	Online
Core Resource	False

Cluster Name Settings

Publish PTR records	False
Name	DEMO-HYPERVREP
Full Name	DEMO-HYPERVREP.clus12r2domain.int
 IP Address	192.168.89.236
NetBIOS Status	OK
DNS Status	OK
Kerberos Status	OK

Dependencies

Dependencies	IP Address 192.168.89.236 Hyper-V Replica Broker DEMO-HYPERVREP
Dependency Expression	((IP Address 192.168.89.236))

Policies

Response to resource failure	If the resource fails, attempt to restart on the current node, if this does not succeed fail over all resources to another node.
Period for restarts	15 minutes
Maximum restarts in the specified period	1
Delay between restarts	500 milliseconds
Begin restarting again after the specified period	1 hour
Pending Timeout	3 minutes


Advanced Policies

Possible Owner Names	CLUS12R2-01
Basic Resource Health Check Interval	Use resource type default.
Thorough Resource Health Check Interval	Use resource type default.
Separate Monitor	False

Properties

Name	Value
ADAware	1
Aliases	
CreatingDC	\\CLUS12R2-DC.clus12r2domain.int
HostRecordTTL	1200
LastDNSUpdateTime	20140205112431.427742+000
ObjectGUID	e546ffc42b27c64b93a0cc9b4b303746
RegisterAllProvidersIP	0
RemapPipeNames	0

Cryptographic Keys

Path
 1\Microsoft Enhanced Cryptographic Provider v1.0\2a7723a6-ae5b-4b24-ab46-6c52e39663d3-Netname Resource Data

IP Address 192.168.89.236

This section provides information about the resource 'IP Address 192.168.89.236'.

General

Resource Type	IP Address
Status	Online
Core Resource	False

IP Address Settings

Network	Cluster Network 1
DHCP Enabled	False
Address	192.168.89.236
Subnet Mask	255.255.255.0
Enable NetBIOS for this address	True

Dependencies

Dependencies	DEMO-HYPERVREP
Dependency Expression	

Policies

Response to resource failure	If the resource fails, attempt to restart on the current node, if this does not succeed fail over all resources to another node.
Period for restarts	15 minutes
Maximum restarts in the specified period	1
Delay between restarts	500 milliseconds
Begin restarting again after the specified period	1 hour
Pending Timeout	3 minutes

Advanced Policies

Possible Owner Names	CLUS12R2-01
Basic Resource Health Check Interval	Use resource type default.
Thorough Resource Health Check Interval	Use resource type default.
Separate Monitor	False

Properties

Name	Value
OverrideAddressMatch	0
ProbeFailureThreshold	0
ProbePort	0

DEMO-VM01

This section provides information about the role 'DEMO-VM01'.



General

Preferred Owners	CLUS12R2-01
Role Type	Virtual Machine
Priority	Medium
Status	Online
Owner	CLUS12R2-01

Failover

Maximum failures in the specified period	4
Failover Period (hours)	7
Failback Summary	Allow failback between 4 and 5 hours

Resources

Name	Type	Owner Role	State
 Virtual Machine Configuration DEMO-VM01	Virtual Machine Configuration	DEMO-VM01	Online
 Virtual Machine DEMO-VM01	Virtual Machine	DEMO-VM01	Online

Virtual Machine Configuration DEMO-VM01

This section provides information about the resource 'Virtual Machine Configuration DEMO-VM01'.

General

Resource Type	Virtual Machine Configuration
Status	Online
Core Resource	False

Virtual Machine Settings

Depends On Shared Volumes	4520e097-3d49-4bc9-92e5-8f0335f42029
Virtual Machine Root Path	C:\ClusterStorage\Volume1\DEMO-VM01
Virtual Machine ID	1570d3dc-84c1-4dad-a893-4ea808fd0ea1

Dependencies

Dependencies	Virtual Machine DEMO-VM01
Dependency Expression	

Policies

Response to resource failure	If the resource fails, attempt to restart on the current node, if this does not succeed fail over all resources to another node.
Period for restarts	15 minutes
Maximum restarts in the specified period	1
Delay between restarts	500 milliseconds
Begin restarting again after the specified period	1 hour
Pending Timeout	3 minutes

Advanced Policies

Possible Owner Names	CLUS12R2-01
Basic Resource Health Check Interval	Use resource type default.
Thorough Resource Health Check Interval	Use resource type default.
Separate Monitor	False

Properties

Name	Value
VmPhysicalDisks	

Virtual Machine DEMO-VM01

This section provides information about the resource 'Virtual Machine DEMO-VM01'.

General

Resource Type	Virtual Machine
Status	Online
Core Resource	False

Virtual Machine Settings

State	Saved
Offline Action	Shutdown
Virtual machine stop action	Mark resource as failed.
Enable heartbeat monitoring for the virtual machine	False
Virtual Machine ID	1570d3dc-84c1-4dad-a893-4ea808fd0ea1

Dependencies

Dependencies	Virtual Machine Configuration DEMO-VM01
Dependency Expression	([Virtual Machine Configuration DEMO-VM01])

Policies

Response to resource failure	If the resource fails, attempt to restart on the current cluster node.
Period for restarts	15 minutes
Maximum restarts in the specified period	1
Delay between restarts	500 milliseconds
Begin restarting again after the specified period	1 hour
Pending Timeout	3 minutes and 2 seconds

Advanced Policies

Possible Owner Names	CLUS12R2-01
Basic Resource Health Check Interval	Use resource type default.
Thorough Resource Health Check Interval	Use resource type default.
Separate Monitor	False

 **Properties**

Name	Value
DefaultMoveType	4294967295
MigrationFailureReason	0
MigrationProgress	0
MigrationState	0
StartMemory	512
VirtualNumaCount	1

DEMO-VM02

This section provides information about the role 'DEMO-VM02'.



General

Preferred Owners	
Role Type	Virtual Machine
Priority	Medium
Status	Online
Owner	CLUS12R2-01

Failover

Maximum failures in the specified period	0
Failover Period (hours)	6
Failback Summary	Prevent Failback

Resources

Name	Type	Owner Role	State
 Virtual Machine DEMO-VM02	Virtual Machine	DEMO-VM02	Online
 Virtual Machine Configuration DEMO-VM02	Virtual Machine Configuration	DEMO-VM02	Online

Virtual Machine DEMO-VM02

This section provides information about the resource 'Virtual Machine DEMO-VM02'.

General

Resource Type	Virtual Machine
Status	Online
Core Resource	False

Virtual Machine Settings

State	Running
Offline Action	Save
Virtual machine stop action	Take resource offline until virtual machine restarts.
Enable heartbeat monitoring for the virtual machine	True
Virtual Machine ID	4c4f3711-771c-4292-a762-be354a27b925

Dependencies

Dependencies	Virtual Machine Configuration DEMO-VM02
Dependency Expression	([Virtual Machine Configuration DEMO-VM02])

Policies

Response to resource failure	If the resource fails, attempt to restart on the current node, if this does not succeed fail over all resources to another node.
Period for restarts	15 minutes
Maximum restarts in the specified period	1
Delay between restarts	500 milliseconds
Begin restarting again after the specified period	1 hour
Pending Timeout	3 minutes

Advanced Policies

Possible Owner Names	CLUS12R2-01
Basic Resource Health Check Interval	Use resource type default.
Thorough Resource Health Check Interval	Use resource type default.
Separate Monitor	False

 **Properties**

Name	Value
DefaultMoveType	4294967295
MigrationFailureReason	0
MigrationProgress	0
MigrationState	0
StartMemory	512
VirtualNumaCount	1

Virtual Machine Configuration DEMO-VM02

This section provides information about the resource 'Virtual Machine Configuration DEMO-VM02'.

General

Resource Type	Virtual Machine Configuration
Status	Online
Core Resource	False

Virtual Machine Settings

Depends On Shared Volumes	
Virtual Machine Root Path	C:\ProgramData\Microsoft\Windows\Hyper-V
Virtual Machine ID	4c4f3711-771c-4292-a762-be354a27b925

Dependencies

Dependencies	Virtual Machine DEMO-VM02
Dependency Expression	

Policies

Response to resource failure	If the resource fails, attempt to restart on the current node, if this does not succeed fail over all resources to another node.
Period for restarts	15 minutes
Maximum restarts in the specified period	1
Delay between restarts	500 milliseconds
Begin restarting again after the specified period	1 hour
Pending Timeout	3 minutes

Advanced Policies

Possible Owner Names	CLUS12R2-01
Basic Resource Health Check Interval	Use resource type default.
Thorough Resource Health Check Interval	Use resource type default.
Separate Monitor	False

Properties

Name	Value
VmPhysicalDisks	

Trap

This section provides information about the role 'Trap'.




General

Preferred Owners	
Role Type	Generic Service
Priority	Medium
Status	Online
Owner	CLUS12R2-01

Failover

Maximum failures in the specified period	0
Failover Period (hours)	6
Failback Summary	Prevent Failback

Resources

Name	Type	Owner Role	State
 Trap	Network Name	Trap	Online
 IP Address 192.168.89.237	IP Address	Trap	Online
 SNMP Trap	Generic Service	Trap	Online

Trap

This section provides information about the resource 'Trap'.

General

Resource Type	Network Name
Status	Online
Core Resource	False

Cluster Name Settings

Publish PTR records	False
Name	TRAP
Full Name	Trap.clus12r2domain.int
 IP Address	192.168.89.237
NetBIOS Status	OK
DNS Status	OK
Kerberos Status	OK

Dependencies

Dependencies	SNMP Trap IP Address 192.168.89.237
Dependency Expression	((IP Address 192.168.89.237))

Policies

Response to resource failure	If the resource fails, attempt to restart on the current node, if this does not succeed fail over all resources to another node.
Period for restarts	15 minutes
Maximum restarts in the specified period	1
Delay between restarts	500 milliseconds
Begin restarting again after the specified period	1 hour
Pending Timeout	3 minutes


Advanced Policies

Possible Owner Names	CLUS12R2-01
Basic Resource Health Check Interval	Use resource type default.
Thorough Resource Health Check Interval	Use resource type default.
Separate Monitor	False

 **Properties**

Name	Value
ADAware	1
Aliases	
CreatingDC	\\CLUS12R2-DC.clus12r2domain.int
HostRecordTTL	1200
LastDNSUpdateTime	20140205112420.797835+000
ObjectGUID	adbc0470a4b2994787bc429ca86bda91
RegisterAllProvidersIP	0
RemapPipeNames	0

Cryptographic Keys

Path
 1\Microsoft Enhanced Cryptographic Provider v1.0\{e65c7df0-5865-464e-a940-c3948ced0943}\Netname Resource Data

IP Address 192.168.89.237

This section provides information about the resource 'IP Address 192.168.89.237'.

General

Resource Type	IP Address
Status	Online
Core Resource	False

IP Address Settings

Network	Cluster Network 1
DHCP Enabled	False
Address	192.168.89.237
Subnet Mask	255.255.255.0
Enable NetBIOS for this address	True

Dependencies

Dependencies	Trap
Dependency Expression	

Policies

Response to resource failure	If the resource fails, attempt to restart on the current node, if this does not succeed fail over all resources to another node.
Period for restarts	15 minutes
Maximum restarts in the specified period	1
Delay between restarts	500 milliseconds
Begin restarting again after the specified period	1 hour
Pending Timeout	3 minutes

Advanced Policies

Possible Owner Names	CLUS12R2-01
Basic Resource Health Check Interval	Use resource type default.
Thorough Resource Health Check Interval	Use resource type default.
Separate Monitor	False

Properties

Name	Value
OverrideAddressMatch	0
ProbeFailureThreshold	0
ProbePort	0

SNMP Trap

This section provides information about the resource 'SNMP Trap'.

General

Resource Type	Generic Service
Status	Online
Core Resource	False

Generic Service Settings

ServiceName	SNMPTRAP
Startup Parameters	-t -r -s -b
Startup Parameters	-t -r -s -b

Dependencies

Dependencies	Trap
Dependency Expression	([Trap])

Policies

Response to resource failure	If the resource fails, attempt to restart on the current node, if this does not succeed fail over all resources to another node.
Period for restarts	15 minutes
Maximum restarts in the specified period	1
Delay between restarts	500 milliseconds
Begin restarting again after the specified period	1 hour
Pending Timeout	3 minutes

Advanced Policies

Possible Owner Names	CLUS12R2-01
Basic Resource Health Check Interval	Use resource type default.
Thorough Resource Health Check Interval	Use resource type default.
Separate Monitor	False

Registry Keys







Path	
 Software\CENTREL Solutions	

Storage

Provides information about the storage available to this failover cluster.

Disks

Provides information about the disks available to the failover cluster.

Name	Type	Owner Role	State
 DHCP Disk	Physical Disk	CORP-DHCP	Online
 DTC disk	Physical Disk	CORP-DTC	Online
 iSCSI Target Disk	Physical Disk	CORP-ISCSI	Online
 Quorum Disk	Physical Disk	Cluster Group	Online
 Virtual Machines Disk	Physical Disk	Cluster Shared Volume	Online
 WINS Disk	Physical Disk	CORP-WINS	Online

DHCP Disk

This section provides information about the resource 'DHCP Disk'.

General

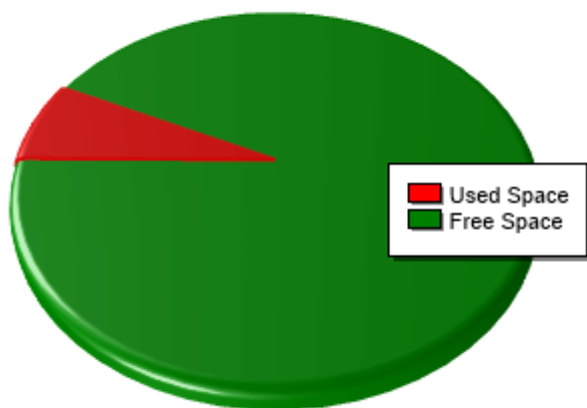
Resource Type	Physical Disk
Status	Online
Core Resource	False

Physical Disk Settings

Maintenance Mode	False
ID	3155700319
Name	4
SCSI Bus	0
SCSI LUN	0
SCSI Port	3
SCSI Target ID	0

F:

File System	NTFS
Volume Label	DHCP
Total Size	1020MB
Free Space	948MB



Dependencies

Dependencies	DHCP Server
Dependency Expression	

Policies

Response to resource failure	If the resource fails, attempt to restart on the current node, if this does not succeed fail over all resources to another node.
Period for restarts	15 minutes
Maximum restarts in the specified period	1
Delay between restarts	500 milliseconds
Begin restarting again after the specified period	1 hour
Pending Timeout	3 minutes

Advanced Policies

Possible Owner Names	CLUS12R2-01
Basic Resource Health Check Interval	Use resource type default.
Thorough Resource Health Check Interval	Use resource type default.
Separate Monitor	False

Properties

Name	Value
CsvEnforceWriteThrough	0
DiskArbInterval	3
DiskIdGuid	
DiskIdType	0
DiskPath	
DiskReload	0
DiskRunChkDsk	0
DiskSignature	3155700319
EnableBlockCache	1
MaxIoLatency	1000
PoolId	
VirtualDiskDescription	
VirtualDiskHealth	0
VirtualDiskId	
VirtualDiskName	
VirtualDiskProvisioning	0
VirtualDiskResiliencyColumns	0
VirtualDiskResiliencyInterleave	0
VirtualDiskResiliencyType	0
VirtualDiskState	0

DTC disk

This section provides information about the resource 'DTC disk'.

General

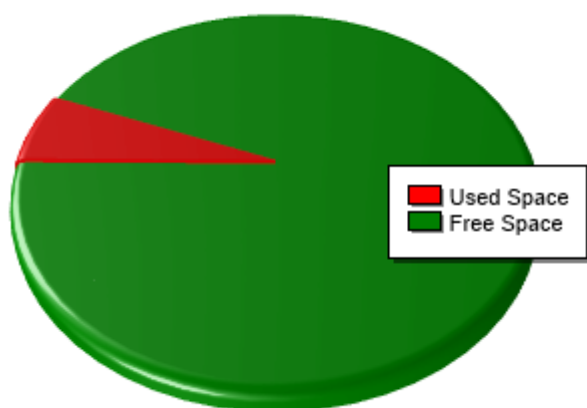
Resource Type	Physical Disk
Status	Online
Core Resource	False

Physical Disk Settings

Maintenance Mode	False
ID	179131784
Name	5
SCSI Bus	0
SCSI LUN	0
SCSI Port	3
SCSI Target ID	1

\\?\Volume{835a4928-8804-11e3-80c3-000c29571494}

File System	NTFS
Volume Label	DTC
Total Size	1020MB
Free Space	959MB



Dependencies

Dependencies	MSDTC-CORP-DTC
Dependency Expression	

Policies

Response to resource failure	If the resource fails, attempt to restart on the current node, if this does not succeed fail over all resources to another node.
Period for restarts	15 minutes
Maximum restarts in the specified period	1
Delay between restarts	500 milliseconds
Begin restarting again after the specified period	1 hour
Pending Timeout	3 minutes

Advanced Policies

Possible Owner Names	CLUS12R2-01
Basic Resource Health Check Interval	Use resource type default.
Thorough Resource Health Check Interval	Use resource type default.
Separate Monitor	False

Properties

Name	Value
CsvEnforceWriteThrough	0
DiskArbInterval	3
DiskIdGuid	
DiskIdType	0
DiskPath	
DiskReload	0
DiskRunChkdsk	0
DiskSignature	179131784
EnableBlockCache	1
MaxIoLatency	1000
PoolId	
VirtualDiskDescription	
VirtualDiskHealth	0
VirtualDiskId	
VirtualDiskName	
VirtualDiskProvisioning	0
VirtualDiskResiliencyColumns	0
VirtualDiskResiliencyInterleave	0
VirtualDiskResiliencyType	0
VirtualDiskState	0

iSCSI Target Disk

This section provides information about the resource 'iSCSI Target Disk'.

General

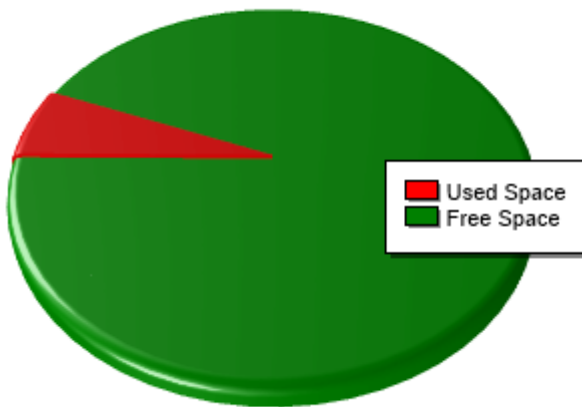
Resource Type	Physical Disk
Status	Online
Core Resource	False

Physical Disk Settings

Maintenance Mode	False
ID	729679867
Name	6
SCSI Bus	0
SCSI LUN	0
SCSI Port	3
SCSI Target ID	2

G:

File System	NTFS
Volume Label	iSCSI Target role
Total Size	1020MB
Free Space	963MB



Dependencies

Dependencies	
Dependency Expression	

Policies

Response to resource failure	If the resource fails, attempt to restart on the current node, if this does not succeed fail over all resources to another node.
Period for restarts	15 minutes
Maximum restarts in the specified period	2
Delay between restarts	500 milliseconds
Begin restarting again after the specified period	1 hour
Pending Timeout	3 minutes

Advanced Policies

Possible Owner Names	CLUS12R2-01
Basic Resource Health Check Interval	Use resource type default.
Thorough Resource Health Check Interval	Use resource type default.
Separate Monitor	False

Properties

Name	Value
CsvEnforceWriteThrough	0
DiskArbInterval	3
DiskIdGuid	
DiskIdType	0
DiskPath	
DiskReload	0
DiskRunChkdsk	0
DiskSignature	729679867
EnableBlockCache	1
MaxIoLatency	1000
PoolId	
VirtualDiskDescription	
VirtualDiskHealth	0
VirtualDiskId	
VirtualDiskName	
VirtualDiskProvisioning	0
VirtualDiskResiliencyColumns	0
VirtualDiskResiliencyInterleave	0
VirtualDiskResiliencyType	0
VirtualDiskState	0

Quorum Disk

This section provides information about the resource 'Quorum Disk'.

General

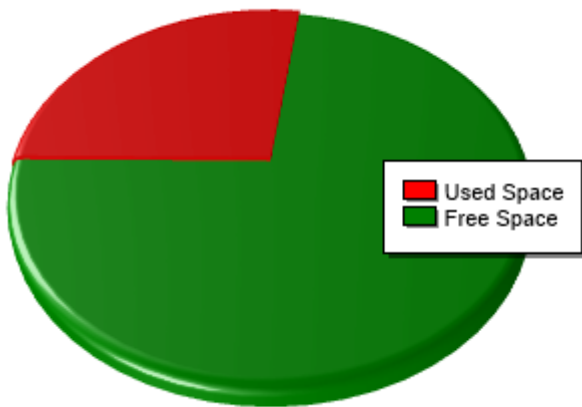
Resource Type	Physical Disk
Status	Online
Core Resource	True

Physical Disk Settings

Maintenance Mode	False
ID	137608684
Name	7
SCSI Bus	0
SCSI LUN	0
SCSI Port	3
SCSI Target ID	3

Q:

File System	NTFS
Volume Label	Quorum
Total Size	196MB
Free Space	144MB



Dependencies

Dependencies	
Dependency Expression	

Policies

Response to resource failure	If the resource fails, attempt to restart on the current node, if this does not succeed fail over all resources to another node.
Period for restarts	15 minutes
Maximum restarts in the specified period	1
Delay between restarts	500 milliseconds
Begin restarting again after the specified period	1 hour
Pending Timeout	3 minutes

Advanced Policies

Possible Owner Names	CLUS12R2-01
Basic Resource Health Check Interval	Use resource type default.
Thorough Resource Health Check Interval	Use resource type default.
Separate Monitor	False

Properties

Name	Value
CsvEnforceWriteThrough	0
DiskArbInterval	3
DiskIdGuid	
DiskIdType	0
DiskPath	
DiskReload	0
DiskRunChkdsk	0
DiskSignature	137608684
EnableBlockCache	1
MaxIoLatency	1000
PoolId	
VirtualDiskDescription	
VirtualDiskHealth	0
VirtualDiskId	
VirtualDiskName	
VirtualDiskProvisioning	0
VirtualDiskResiliencyColumns	0
VirtualDiskResiliencyInterleave	0
VirtualDiskResiliencyType	0
VirtualDiskState	0

Virtual Machines Disk

This section provides information about the resource 'Virtual Machines Disk'.

General

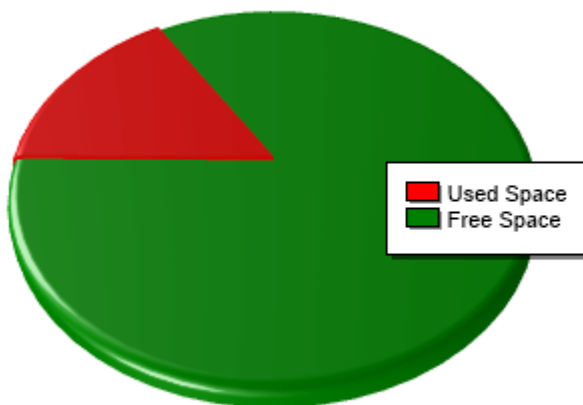
Resource Type	Physical Disk
Status	Online
Core Resource	False

Physical Disk Settings

Maintenance Mode	False
ID	137608663
Name	8
SCSI Bus	0
SCSI LUN	0
SCSI Port	3
SCSI Target ID	4

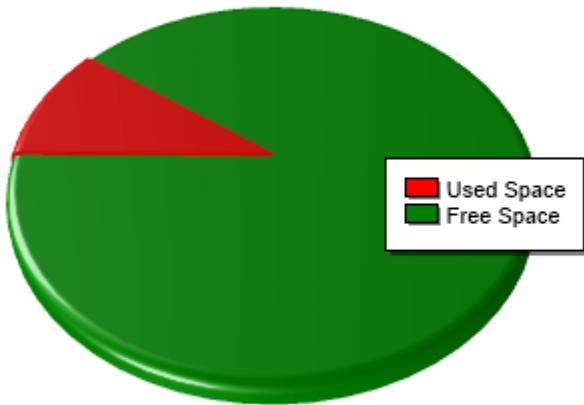
C:\ClusterStorage\Volume1

File System	CSVFS
Volume Label	Virtual Machines
Maintenance Mode	True
Restricted Access	False
Total Size	520MB
Free Space	437MB



C:\ClusterStorage\Volume2

File System	CSVFS
Volume Label	Virtual Machines 2
Maintenance Mode	False
Restricted Access	False
Total Size	499MB
Free Space	451MB



Dependencies

Dependencies	
Dependency Expression	

Policies

Response to resource failure	If the resource fails, attempt to restart on the current node, if this does not succeed fail over all resources to another node.
Period for restarts	10 minutes
Maximum restarts in the specified period	1
Delay between restarts	500 milliseconds
Begin restarting again after the specified period	15 minutes
Pending Timeout	3 minutes

Advanced Policies

Possible Owner Names	CLUS12R2-01
Basic Resource Health Check Interval	Use resource type default.
Thorough Resource Health Check Interval	Use resource type default.
Separate Monitor	False

 **Properties**

Name	Value
CsvEnforceWriteThrough	0
DiskArbInterval	3
DiskIdGuid	
DiskIdType	0
DiskPath	
DiskReload	0
DiskRunChkDsk	0
DiskSignature	137608663
EnableBlockCache	1
MaxIoLatency	1000
PoolId	
VirtualDiskDescription	
VirtualDiskHealth	0
VirtualDiskId	
VirtualDiskName	
VirtualDiskProvisioning	0
VirtualDiskResiliencyColumns	0
VirtualDiskResiliencyInterleave	0
VirtualDiskResiliencyType	0
VirtualDiskState	0

WINS Disk

This section provides information about the resource 'WINS Disk'.

General

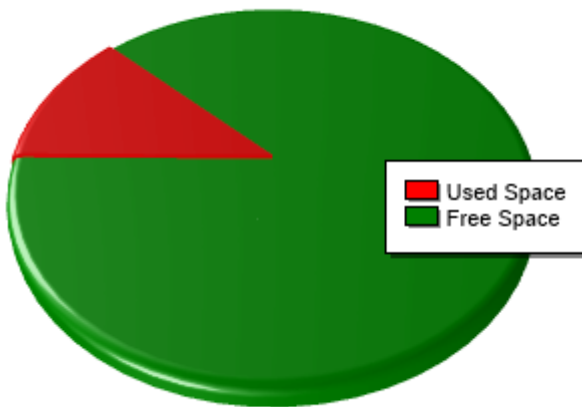
Resource Type	Physical Disk
Status	Online
Core Resource	False

Physical Disk Settings

Maintenance Mode	False
ID	3155700312
Name	9
SCSI Bus	0
SCSI LUN	0
SCSI Port	3
SCSI Target ID	5

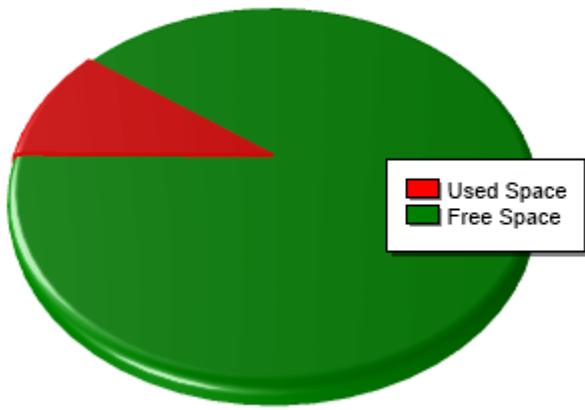
E:

File System	NTFS
Volume Label	WINS
Total Size	499MB
Free Space	440MB



I:

File System	NTFS
Volume Label	WINS Backup
Total Size	520MB
Free Space	470MB




 **Dependencies**

Dependencies	WINS
Dependency Expression	

 **Policies**

Response to resource failure	If the resource fails, attempt to restart on the current node, if this does not succeed fail over all resources to another node.
Period for restarts	15 minutes
Maximum restarts in the specified period	1
Delay between restarts	500 milliseconds
Begin restarting again after the specified period	1 hour
Pending Timeout	3 minutes

 **Advanced Policies**

Possible Owner Names	CLUS12R2-01
Basic Resource Health Check Interval	Use resource type default.
Thorough Resource Health Check Interval	Use resource type default.
Separate Monitor	False

 **Properties**

Name	Value
CsvEnforceWriteThrough	0
DiskArbInterval	3
DiskIdGuid	
DiskIdType	0
DiskPath	
DiskReload	0
DiskRunChkDsk	0
DiskSignature	3155700312
EnableBlockCache	1
MaxIoLatency	1000
PoolId	
VirtualDiskDescription	
VirtualDiskHealth	0
VirtualDiskId	
VirtualDiskName	
VirtualDiskProvisioning	0
VirtualDiskResiliencyColumns	0
VirtualDiskResiliencyInterleave	0
VirtualDiskResiliencyType	0
VirtualDiskState	0











Storage Pools

A storage pool is a virtualized storage system that abstracts multiple physical disks into a logical construct with specified capacity.

Name	Type	Owner Role	State
 Cluster Pool 1	Storage Pool	Storage Pools	Online

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
 1.14	CORP\Administrator	08 May 2014	11:02	Updated notes
 1.13	CORP\Administrator	08 May 2014	10:28	Updated notes
 1.12	CORP\Administrator	08 May 2014	10:28	Updated notes
 1.11	CORP\Administrator	08 May 2014	10:28	Updated notes
 1.10	CORP\Administrator	08 May 2014	10:08	Updated by XIA Configuration Client Data
 1.09	CORP\Administrator	08 May 2014	10:08	Updated by XIA Configuration Client Data
 1.08	CORP\Administrator	08 May 2014	10:13	Updated by XIA Configuration Client Data
 1.07	CORP\Administrator	08 May 2014	10:08	Updated by XIA Configuration Client Data
 1.06	CORP\Administrator	08 May 2014	10:08	Updated by XIA Configuration Client Data
 1.05	CORP\Administrator	05 February 2014	14:21	Updated by XIA Configuration Client Data