

Microsoft Cluster Configuration Report

Clus2k8



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Document Properties

Document	Microsoft Cluster Configuration Report
Date Created	05 September 2009
Time Created	17:18:32
XIA Configuration User	CENTREL-WS01\dhomer
Document Version	1.01
XIA Configuration Version	1.5.8.0

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WIN-R3YEG9D9SBJ	16
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Version History

Microsoft Cluster Information

This Windows Cluster is an Example provided by CENTREL Solutions that includes a Windows Print Spooler and DNS Server.
This Cluster is running on a single node and is not designed to demonstrate good cluster setup practice.

General Information

Description	Example Windows 2008 Cluster
Item ID	1140
Primary Owner Name	Steven Jones
Primary Owner Contact	sjones@demonstration.int
Scanned on Date	28 July 2009
Client Version	1.4.0

Relationships

Source ItemID	Source Name	Relationship Type	Destination Item	Destination Name
1140	Clus2k8	Is Contained Within	1002	Production
1140	Clus2k8	Has Cluster Node	1122	WIN-R3YEG9D9SBJ

Microsoft Cluster Configuration

General Settings

Cluster Name	Clus2k8
Cluster Version	6.0
Quorum Log Size	0
Quorum Path	
Quorum Resource Name	

Cluster Properties

AdminExtensions	
DefaultNetworkRole	2
Groups\AdminExtensions	
Networks\AdminExtensions	
NetworkInterfaces\AdminExtensions	
Nodes\AdminExtensions	
Resources\AdminExtensions	
ResourceTypes\AdminExtensions	
QuorumArbitrationTimeMax	20
QuorumArbitrationTimeMin	7
DisableGroupPreferredOwnerRandomization	0
ClusSvcHangTimeout	60
ClusSvcRegroupStageTimeout	7
ClusSvcRegroupOpeningTimeout	5
ClusSvcRegroupPruningTimeout	5
ClusSvcRegroupTickInMilliseconds	300
HangRecoveryAction	3
SameSubnetDelay	1000
CrossSubnetDelay	1000
SameSubnetThreshold	5
PlumbAllCrossSubnetRoutes	0
CrossSubnetThreshold	5
BackupInProgress	0
RequestReplyTimeout	60
WitnessRestartInterval	15
SecurityLevel	1
ClusterLogLevel	3
ClusterLogSize	100
WitnessDatabaseWriteTimeout	300

Cluster Security

Owner	BUILTIN\Administrators
Group	BUILTIN\Administrators

Access Rules

Account Name	Permission
DEMO-2K8\Domain Guests	Full Control Denied
DEMO-2K8_XIASQLService	Full Control
NT AUTHORITY\SYSTEM	Full Control
NT AUTHORITY\NETWORK SERVICE	Full Control
DEMO-2K8\SQLServer2005MSFTEUser\$WIN-R3YEG9D9SBJ\$SQLEXPRESS	Full Control
BUILTIN\Administrators	Full Control
NT SERVICE\MSDTC	Full Control

Audit Rules

There are no Audit Rules detected on this Cluster

Resource Groups

Resource Group Available Storage

Name	Available Storage
Description	
Owner Node	WIN-R3YEG9D9SBJ
Preferred Owners	
Auto Fail-Back Mode	Prevent Failback
FailBack Period	6
FailBack Threshold	0
PersistentState	0
AntiAffinityClassNames	

Resources

There are no Resources found within this Resource Group

Resource Group Clus2k8Other2

Name	Clus2k8Other2
Description	
Owner Node	WIN-R3YEG9D9SBJ
Preferred Owners	WIN-R3YEG9D9SBJ
Auto Fail-Back Mode	Allow Failback
FailBack Period	6
FailBack Threshold	5
PersistentState	1
AntiAffinityClassNames	

Resources

Resource New Print Spooler

Name	New Print Spooler
Type	Print Spooler
Description	
Owner Node	WIN-R3YEG9D9SBJ
Run in Separate Monitor	False
Retry Period On Failure	3600000
Restart Threshold	1
Restart Period	900000ms
Restart Action	If Resource fails attempt to restart on current node if this does not succeed fail over all resources to another node.
Pending Timeout	180000ms

Properties

PersistentState	1
RestartDelay	500
DeadlockTimeout	300000
ResourceSpecificStatus	
DefaultSpoolDirectory	
JobCompletionTimeout	160

Crypto Keys

There are no CryptoKeys Replicated

Registry Keys

There are no Registry Keys Replicated

Resource IP Address 172.17.1.145

Name	IP Address 172.17.1.145
Type	IP Address
Description	
Owner Node	WIN-R3YEG9D9SBJ
Run in Separate Monitor	False
Retry Period On Failure	900000
Restart Threshold	1
Restart Period	900000ms
Restart Action	If Resource fails attempt to restart on current node if this does not succeed fail over all resources to another node.
Pending Timeout	180000ms

Properties

PersistentState	1
RestartDelay	500
DeadlockTimeout	300000
ResourceSpecificStatus	
Network	Cluster Network 1
Address	172.17.1.145
SubnetMask	255.255.255.0
EnableNetBIOS	2
OverrideAddressMatch	0
EnableDhcp	0
DhcpServer	255.255.255.255
DhcpAddress	0.0.0.0
DhcpSubnetMask	255.0.0.0

Crypto Keys

There are no CryptoKeys Replicated

Registry Keys

There are no Registry Keys Replicated

Resource DNS Server

Name	DNS Server
Type	Generic Service
Description	
Owner Node	WIN-R3YEG9D9SBJ
Run in Separate Monitor	False
Retry Period On Failure	3600000
Restart Threshold	1
Restart Period	900000ms
Restart Action	If Resource fails attempt to restart on current node if this does not succeed fail over all resources to another node.
Pending Timeout	180000ms

Properties

PersistentState	1
RestartDelay	500
DeadlockTimeout	300000
ResourceSpecificStatus	
ServiceName	DNS
StartupParameters	C:\Windows\system32\dns.exe
UseNetworkName	0

Crypto Keys

There are no CryptoKeys Replicated

Registry Keys

Software\Something\Test

Resource Clus2k8Other

Name	Clus2k8Other
Type	Network Name
Description	
Owner Node	WIN-R3YEG9D9SBJ
Run in Separate Monitor	False
Retry Period On Failure	54660000
Restart Threshold	10
Restart Period	600000ms
Restart Action	If Resource fails attempt to restart on current node if this does not succeed fail over all resources to another node.
Pending Timeout	120000ms

Properties

PersistentState	1
RestartDelay	500
DeadlockTimeout	300000
ResourceSpecificStatus	
Name	CLUS2K8OTHER
DnsName	Clus2k8Other
RemapPipeNames	0
RequireDNS	0
RequireKerberos	1
HostRecordTTL	1200
RegisterAllProvidersIP	0
PublishPTRRecords	0
TimerCallbackAdditionalThreshold	5
ResourceData	System.Byte[]
StatusNetBIOS	0
StatusDNS	0
StatusKerberos	0
CreatingDC	\\WIN-R3YEG9D9SBJ.demonstration2k8.int
ObjectGUID	e2473686b521074a836d50be25fbd95e

Crypto Keys

1\Microsoft Enhanced Cryptographic Provider v1.0\ef782f2-f52d-4d0a-b27e-2c88bf80b96-Netname Resource Data

Registry Keys

There are no Registry Keys Replicated

Resource Group Cluster Group

Name	Cluster Group
Description	
Owner Node	WIN-R3YEG9D9SBJ
Preferred Owners	
Auto Fail-Back Mode	Prevent Failback
FailBack Period	6
FailBack Threshold	-1
PersistentState	1
AntiAffinityClassNames	

Resources

Resource Cluster IP Address

Name	Cluster IP Address
Type	IP Address
Description	
Owner Node	WIN-R3YEG9D9SBJ
Run in Separate Monitor	False
Retry Period On Failure	3600000
Restart Threshold	1
Restart Period	900000ms
Restart Action	If Resource fails attempt to restart on current node if this does not succeed fail over all resources to another node.
Pending Timeout	180000ms

Properties

PersistentState	1
RestartDelay	500
DeadlockTimeout	300000
ResourceSpecificStatus	
Network	Cluster Network 1
Address	172.17.1.57
SubnetMask	255.255.255.0
EnableNetBIOS	2
OverrideAddressMatch	0
EnableDhcp	0
DhcpServer	255.255.255.255
DhcpAddress	0.0.0.0
DhcpSubnetMask	255.0.0.0

Crypto Keys

There are no CryptoKeys Replicated

Registry Keys

There are no Registry Keys Replicated

Resource Cluster Name

Name	Cluster Name
Type	Network Name
Description	
Owner Node	WIN-R3YEG9D9SBJ
Run in Separate Monitor	False
Retry Period On Failure	3600000
Restart Threshold	1
Restart Period	900000ms
Restart Action	If Resource fails attempt to restart on current node if this does not succeed fail over all resources to another node.
Pending Timeout	180000ms

Properties

PersistentState	1
RestartDelay	500
DeadlockTimeout	300000
ResourceSpecificStatus	
Name	CLUS2K8
DnsName	Clus2k8
RemapPipeNames	0
RequireDNS	0
RequireKerberos	1
HostRecordTTL	1200
RegisterAllProvidersIP	0
PublishPTRRecords	0
TimerCallbackAdditionalThreshold	5
ResourceData	System.Byte[]
StatusNetBIOS	0
StatusDNS	0
StatusKerberos	0
CreatingDC	\\WIN-R3YEG9D9SBJ.demonstration2k8.int
ObjectGUID	fc68b5d78d6c5647abacdbd774fc774d

Crypto Keys

1\Microsoft Enhanced Cryptographic Provider v1.0\7d18b528-3f25-4a00-aef0-6f40a0e02da0-Netname Resource Data

Registry Keys

There are no Registry Keys Replicated

Cluster Nodes

WIN-R3YEG9D9SBJ

Name	WIN-R3YEG9D9SBJ
Operating System Version	6.0
CSD Version	Service Pack 1
Node ID	00000000-0000-0000-0000-000000000001

Interfaces

Name	Adapter	Address	Network Name
WIN-R3YEG9D9SBJ - Local Area Connection	Intel 21140-Based PCI Fast Ethernet Adapter (Emulated)	172.17.1.205	Cluster Network 1

Cluster Networks

Cluster Network 1

Name	Cluster Network 1
Description	
Rule	All communications (Mixed Network)
Address	172.17.1.0
Mask	255.255.255.0
State	Up

Network Adapters

Node	Name	Adapter	Address
WIN-R3YEG9D9SBJ	WIN-R3YEG9D9SBJ - Local Area Connection	Intel 21140-Based PCI Fast Ethernet Adapter (Emulated)	172.17.1.205

Version History

Version	User Name	Version Date	Description
1.01	CENTREL-WS01\dhomer	05 September 2009 - 17:17	Updated notes
1.00	CENTREL-WS01\dhomer	31 August 2009 - 13:04	Updated Cluster Information