

Microsoft Failover Cluster Documentation

sqlcluster.centrelsolutionsdemo.int

Company Confidential

Document Properties

Author	CENTREL-WS01\XiaConfigurationDemo
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General Information

Provides general information for this item.

General Information

Name	sqlcluster.centrelsolutionsdemo.int
Description	Demonstration SQL Server.
Primary Owner Name	IT Services
Primary Owner Contact	itservices@centrelsolutionsdemo.onmicrosoft.com

System Information

Item Path	CENTREL Solutions Demo
Identifier	3428e746-fa89-43f5-aacf-59fbda89e602
Item ID	1148
Version ID	1.01
Check Out Status	Available

Custom Item Details

This is a demonstration SQL Server that supports the main corporate SQL database.



Client Information

Provides information about the client that was used to generate the information and the data used by the client to uniquely identify this item.

Item Identifiers

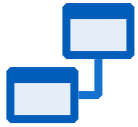
Primary Identifier	sqlcluster
Secondary Identifier	centrelsolutionsdemo.int
Tertiary Identifier	
Environment Identifier	

Client Information

Client Machine Name	CSDEMO-DC01
Client Identifier	af48e157-5fef-4c7c-9075-62cccc1e0ea6
Client IP Address	192.168.176.132
Client Scan Date	17 April 2026 16:35 (10 days ago)
Client Service Username	CSDEMO\XiaClient
Client Version	18.0.14.0

Scan Profile
















Target	sqlcluster.centrelsolutionsdemo.int
Profile Name	Demonstration Live
Profile Identifier	8a36ee71-f8de-4499-b78e-f2c0a6e96281



Relationships

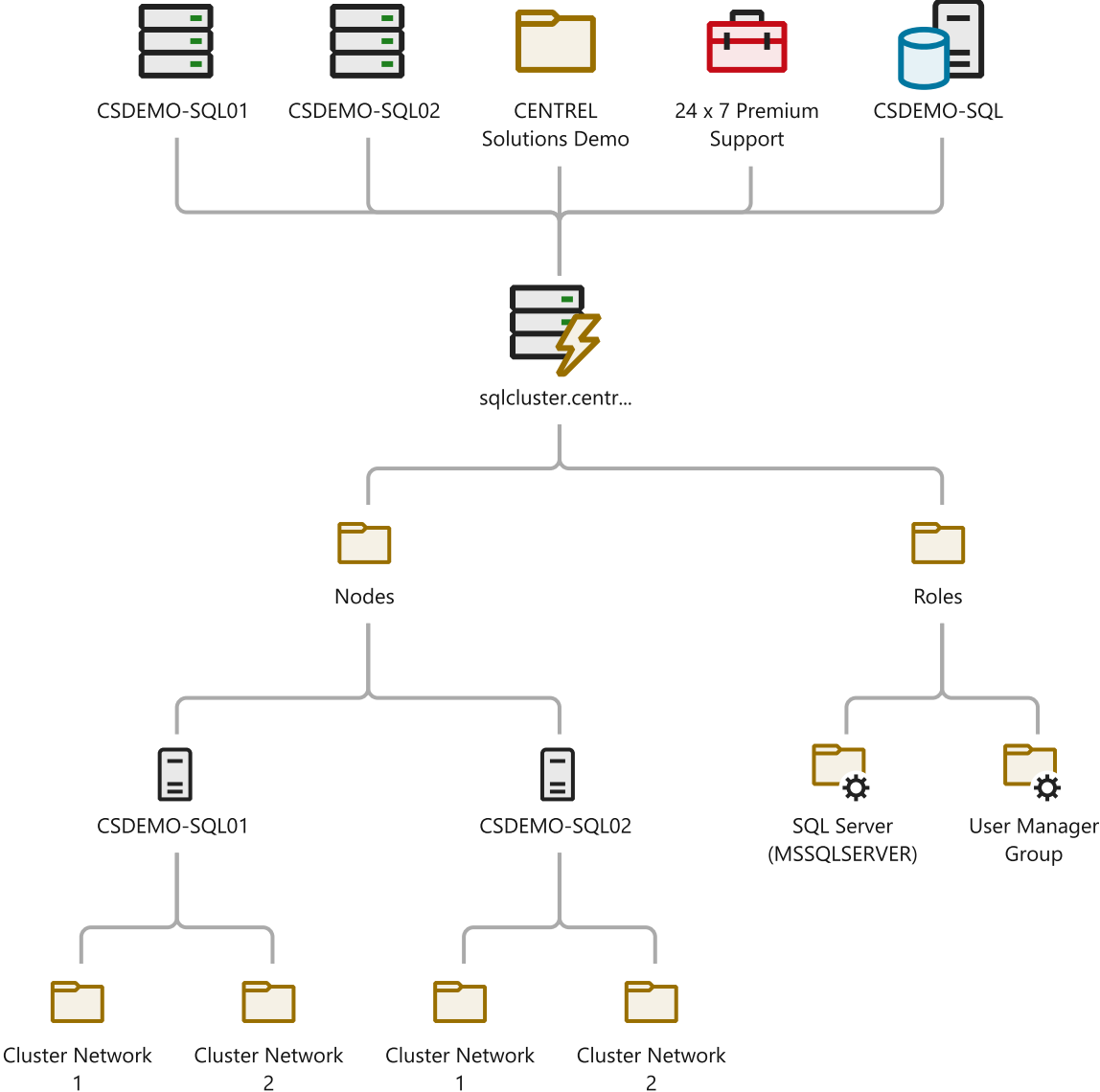
Provides a summary of the relationships between this item and other items in the environment.

15 Relationships

Direction	Managed	Name	Type	Parent	Relationship Type
 Outbound	True	CSDEMO-SQL01	Windows Server	sqlcluster.centrelsolutionsdemo.int	Has Microsoft Cluster Node
 Outbound	True	CSDEMO-SQL02	Windows Server	sqlcluster.centrelsolutionsdemo.int	Has Microsoft Cluster Node
 Outbound	True	CENTREL Solutions Demo	Container	sqlcluster.centrelsolutionsdemo.int	Contained Within
 Outbound	False	24 x 7 Premium Support	Support Provision	sqlcluster.centrelsolutionsdemo.int	Is Supported By
 Outbound	True	CSDEMO-SQL	SQL Instance	sqlcluster.centrelsolutionsdemo.int	Hosts SQL Instance
 Outbound	True	Nodes	Microsoft Failover Cluster Nodes	sqlcluster.centrelsolutionsdemo.int	Has Microsoft Failover Cluster Nodes
 Outbound	True	Cluster Network 2	Microsoft Failover Cluster Network	CSDEMO-SQL01	Connects To Microsoft Failover Cluster Network
 Outbound	True	Cluster Network 1	Microsoft Failover Cluster Network	CSDEMO-SQL01	Connects To Microsoft Failover Cluster Network
 Outbound	True	CSDEMO-SQL01	Microsoft Failover Cluster Node	Nodes	Has Microsoft Failover Cluster Node
 Outbound	True	Cluster Network 2	Microsoft Failover Cluster Network	CSDEMO-SQL02	Connects To Microsoft Failover Cluster Network
 Outbound	True	Cluster Network 1	Microsoft Failover Cluster Network	CSDEMO-SQL02	Connects To Microsoft Failover Cluster Network
 Outbound	True	CSDEMO-SQL02	Microsoft Failover Cluster Node	Nodes	Has Microsoft Failover Cluster Node
 Outbound	True	Roles	Microsoft Failover Cluster Roles	sqlcluster.centrelsolutionsdemo.int	Hosts Microsoft Failover Cluster Roles
 Outbound	True	SQL Server (MSSQLSERVER)	Microsoft Failover Cluster Role	Roles	Hosts Microsoft Failover Cluster Role
 Outbound	True	User Manager Group	Microsoft Failover Cluster Role	Roles	Hosts Microsoft Failover Cluster Role

Relationships Visualization

This section provides a visualization of the relationships between this item and other items in the system.





Configuration

Provides information about the configuration of the Microsoft failover cluster.

General Settings

Cluster Name	sqlcluster
Domain Name	centrelsolutionsdemo.int
Cluster Functional Level	12
Operating System Name	Microsoft Windows Server 2025 Datacenter



Windows Server 2025
Datacenter

In-Memory Cache

Cache Enabled	False
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Cluster Log

Cluster Log Level	3
Cluster Log Size (MB)	1,536

Cluster Traffic Encryption

Core Traffic Encryption	Sign
Storage Traffic Encryption	Clear Text

Node Shutdown Behavior

Move Virtual Machines On Node Shutdown	True
--	------

Site Configuration

Auto-Assign Node Site	False
Cross-Site Delay (ms)	1,000
Cross-Site Threshold	20
Preferred Site	

 **Virtual Machine Load Balancing**

Balance Virtual Machines	Always
Aggressiveness	Low

Cluster-Aware Updating

Cluster-Aware Updating is an automated feature that enables servers in a Microsoft failover cluster to update with little or no loss in availability.

Cluster-Aware Updating

State	Enabled
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



Plugins

Trigger Type	Monthly
Starting	Friday, April 10, 2026
Time Of Day	10:00 AM
Days Of Week	Tuesday
Weeks Of Month	Third

Plugins

Plugin Names	Microsoft.WindowsUpdatePlugin
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 17 Parameters

Name	Value	State
 CauOrchestratorRoleMoveInProgress	0	Read/Write
 CauPluginArguments	[Not Shown]	Read/Write
 CauPluginName	[Not Shown]	Read/Write
 Command	C:\WINDOWS\system32\WindowsPowerShell\v1.0\PowerShell.exe	Read/Write
 CommandArgs	[Not Shown]	Read/Write
 DaysOfWeek	4	Read/Write
 EnableFirewallRules	1	Read/Write
 FailbackMode	1	Read/Write
 IntervalWeeks	1	Read/Write
 MaxRetriesPerNode	3	Read/Write
 SelfUpdateInProgress	0	Read/Write
 StartDate	Friday, April 10, 2026 10:00:00 AM	Read/Write
 TaskRuntimeInHours	240	Read/Write
 Test_PauseAfterMove	0	Read/Write
 TriggerType	1	Read/Write
 UseCnoForToken	0	Read/Write
 WeeksOfMonth	4	Read/Write

Cluster Core Group

The cluster core group manages core resources such as the IP address, network name, and quorum resources required for the cluster to operate.

General Settings

State	Online
Group Type	Cluster
Identifier	f0fb3750-0488-4a3f-ab54-1e39ba1abf64
Core Group	True
Priority	13000





Owner

Owner Node	CSDEMO-SQL02
Preferred Owners	

Failover

Maximum Failures	1
Failover Period (Hours)	6
Failback	Prevent failback

4 Resources

Name	Type	Owner Node	State
 Cluster Disk 2	Physical Disk	CSDEMO-SQL02	Online
 Cluster IP Address	IP Address	CSDEMO-SQL02	Online
 Cluster Name	Network Name	CSDEMO-SQL02	Online
 Storage Qos Resource	Storage QoS Policy Manager	CSDEMO-SQL02	Online

Cluster Disk 2

Cluster resources are physical or logical entities such as physical disks that are managed by the cluster service.


General Settings

State	Online
Resource Type Display Name	Physical Disk
Core Resource	True
Maintenance Mode	False
Identifier	d5391165-34fb-47fb-9722-5fbe5fcd806f

Disk Information

Bus Type	iSCSI
Disk Identifier	98cd2504-f3c7-4ff9-856e-97adaa46ceb1
Disk Number	1
Manufacturer	MSFT
Model	Virtual HD
Partition Style	GUID Partition Table (GPT)
Serial Number	D8C7F8E7-6A2A-4A33-AC5B-8A62AA249EB8
Size	500 MB

1 Volumes

Name	File System	Size	Free Space
 Quorum: (Q:)	NTFS	482 MB	436.83 MB

Owner

Owner Node	CSDEMO-SQL02
Owner Group	Cluster Group

Dependencies

Dependency Expression	
------------------------------	--

Policies

Resource Failure Response	Attempt restart on current node and if unsuccessful fail over all resources in the role
Restart Period	10 minutes
Maximum Restarts	1
Restart Delay	500 milliseconds
Begin Restarting After Failures	10 minutes
Pending Timeout	3 minutes

Advanced Policies

Possible Owners	CSDEMO-SQL01 CSDEMO-SQL02
Basic Health Check Time Period	Use the standard time period for the resource type
Thorough Health Check Time Period	Use the standard time period for the resource type
Use Separate Resource Monitor	False


























Cryptography

Cryptographic Keys	
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Registry

Registry Keys	
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25 Parameters

Name	Value	State
 CsvEnforceWriteThrough	0	Read/Write
 DiskArbInterval	3	Read/Write
 DiskGuid	{01a83ecb-b23e-e2ab-502a-790d72272eca}	Read-Only
 DiskIdGuid	{98cd2504-f3c7-4ff9-856e-97adaa46ceb1}	Read/Write
 DiskIdType	1	Read/Write
 DiskPath		Read/Write
 DiskRecoveryAction	0	Read/Write
 DiskReload	0	Read/Write
 DiskRunChkDsk	0	Read/Write
 DiskSignature	0	Read/Write
 DiskUniquelds	[Not Shown]	Read/Write
 DiskVolumeInfo	[Not Shown]	Read/Write
 EnableBlockCache	1	Read/Write
 MaintenanceMode	0	Read/Write
 PoolId		Read-Only
 SnapshotDiffSize	0	Read/Write
 VirtualDiskDescription		Read-Only
 VirtualDiskHealth	0	Read-Only
 VirtualDiskId		Read-Only
 VirtualDiskName		Read-Only
 VirtualDiskProvisioning	0	Read-Only
 VirtualDiskResiliencyColumns	0	Read-Only
 VirtualDiskResiliencyInterleave	0	Read-Only
 VirtualDiskResiliencyType	0	Read-Only
 VirtualDiskState	0	Read-Only

Cluster IP Address

Cluster resources are physical or logical entities such as physical disks that are managed by the cluster service.

General Settings

State	Online
Resource Type Display Name	IP Address
Core Resource	False
Maintenance Mode	False
Identifier	e06787e9-fba3-47e8-9274-6c0603c7abd2

Settings

Network	Cluster Network 1
DHCP Enabled	False
Address	192.168.176.140
Subnet Mask	255.255.255.0
Enable NetBIOS	False

Owner

Owner Node	CSDEMO-SQL02
Owner Group	Cluster Group

Dependencies

Dependency Expression	
------------------------------	--

Policies

Resource Failure Response	Attempt restart on current node and if unsuccessful fail over all resources in the role
Restart Period	10 minutes
Maximum Restarts	1
Restart Delay	500 milliseconds
Begin Restarting After Failures	10 minutes
Pending Timeout	3 minutes

Advanced Policies

Possible Owners	CSDEMO-SQL01 CSDEMO-SQL02
Basic Health Check Time Period	Use the standard time period for the resource type
Thorough Health Check Time Period	Use the standard time period for the resource type
Use Separate Resource Monitor	False














Cryptography

Cryptographic Keys	
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Registry

Registry Keys	
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13 Parameters

Name	Value	State
 Address	192.168.176.140	Read/Write
 DhcpAddress	0.0.0.0	Read-Only
 DhcpServer	255.255.255.255	Read-Only
 DhcpSubnetMask	255.0.0.0	Read-Only
 EnableDhcp	0	Read/Write
 EnableNetBIOS	0	Read/Write
 LeaseExpiresTime	[Not Configured]	Read-Only
 LeaseObtainedTime	[Not Configured]	Read-Only
 Network	Cluster Network 1	Read/Write
 OverrideAddressMatch	0	Read/Write
 ProbeFailureThreshold	0	Read/Write
 ProbePort	0	Read/Write
 SubnetMask	255.255.255.0	Read/Write

Cluster Name

Cluster resources are physical or logical entities such as physical disks that are managed by the cluster service.

General Settings

State	Online
Resource Type Display Name	Network Name
Core Resource	True
Maintenance Mode	False
Identifier	38d33e26-b485-42bd-b502-9b406c53e191

Settings

DNS Name	sqlcluster
DNS Suffix	centrelsolutionsdemo.int
Fully Qualified Domain Name	sqlcluster.centrelsolutionsdemo.int
Publish PTR Records	False
DNS Status	OK
NetBIOS Status	OK
Kerberos Status	OK

Owner

Owner Node	CSDEMO-SQL02
Owner Group	Cluster Group

Dependencies

Dependency Expression	([Cluster IP Address])
-----------------------	------------------------

Policies

Resource Failure Response	Attempt restart on current node and if unsuccessful fail over all resources in the role
Restart Period	10 minutes
Maximum Restarts	1
Restart Delay	500 milliseconds
Begin Restarting After Failures	10 minutes
Pending Timeout	3 minutes

Advanced Policies

Possible Owners	CSDEMO-SQL01 CSDEMO-SQL02
Basic Health Check Time Period	Use the standard time period for the resource type
Thorough Health Check Time Period	Use the standard time period for the resource type
Use Separate Resource Monitor	False

















Cryptography

Cryptographic Keys	1\Microsoft Enhanced Cryptographic Provider v1.0\20dfc36b-eb70-4cce-b69e-61cb851550b1-Netname Resource Data
---------------------------	---

Registry

Registry Keys	
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16 Parameters

Name	Value	State
 ADAware	1	Read/Write
 Aliases		Read/Write
 CreatingDC	\\CSDEMO-DC01.centrelsolutionsdemo.int	Read-Only
 DnsName	sqlcluster	Read/Write
 DnsSuffix	centrelsolutionsdemo.int	Read-Only
 HostRecordTTL	1,200	Read/Write
 LastDNSUpdateTime	Friday, April 17, 2026 2:31:47 PM	Read-Only
 Name	SQLCLUSTER	Read/Write
 ObjectGUID	b30ed7ee6292364e802624171f1eabdc	Read-Only
 PublishPTRRecords	0	Read/Write
 RegisterAllProvidersIP	0	Read/Write
 RemapPipeNames	0	Read/Write
 ResourceData	[Not Shown]	Read-Only
 StatusDNS	0	Read-Only
 StatusKerberos	0	Read-Only
 StatusNetBIOS	0	Read-Only

Storage Qos Resource

Cluster resources are physical or logical entities such as physical disks that are managed by the cluster service.

General Settings

State	Online
Resource Type Display Name	Storage QoS Policy Manager
Core Resource	False
Maintenance Mode	False
Identifier	aaf83ffe-6b23-47cf-825a-ba92975df689

Owner

Owner Node	CSDEMO-SQL02
Owner Group	Cluster Group

Dependencies

Dependency Expression	
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Policies

Resource Failure Response	Attempt restart on current node and if unsuccessful fail over all resources in the role
Restart Period	10 minutes
Maximum Restarts	1
Restart Delay	500 milliseconds
Begin Restarting After Failures	10 minutes
Pending Timeout	3 minutes

Advanced Policies

Possible Owners	CSDEMO-SQL01 CSDEMO-SQL02
Basic Health Check Time Period	Use the standard time period for the resource type
Thorough Health Check Time Period	Use the standard time period for the resource type
Use Separate Resource Monitor	False

Cryptography

Cryptographic Keys	
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 Registry

Registry Keys













 0 Parameters

There are no parameters found.

Cluster Permissions

The access rules control the access to the cluster.



12 Access Rules

Account Name	Type	Rights
 BUILTIN\Administrators	Allow	Full Control
 BUILTIN\Storage Replica Administrators	Allow	Full Control
 NT AUTHORITY\NETWORK SERVICE	Allow	Read
 NT AUTHORITY\SYSTEM	Allow	Full Control
 NT SERVICE\KtmRm	Allow	Full Control
 NT SERVICE\MSDTC	Allow	Full Control
 NT SERVICE\MSSQLLaunchpad	Allow	Full Control
 NT SERVICE\MSSQLSERVER	Allow	Full Control
 NT SERVICE\smphost	Allow	Full Control
 NT SERVICE\SQLBDMS	Allow	Full Control
 NT SERVICE\SQLBENGINE	Allow	Full Control
 NT SERVICE\SQLTELEMETRY	Allow	Full Control

Group Sets

Cluster group sets contain one or more groups (or roles) and allows for the creation of dependencies between groups and thereby controlling the start ordering of those groups.

 **2 Group Sets**

Name	Group Names	Provider Names
 demo-sql-groupset		
 demo-sql-groupset2		

demo-sql-groupset

Cluster group sets contain one or more groups (or roles) and allows for the creation of dependencies between groups and thereby controlling the start ordering of those groups.

General Settings

Group Names	
Provider Names	
Global	False

Startup

Startup Count	All
Startup Delay (Seconds)	20
Startup Delay Trigger	Delay

demo-sql-groupset2

Cluster group sets contain one or more groups (or roles) and allows for the creation of dependencies between groups and thereby controlling the start ordering of those groups.

General Settings

Group Names	
Provider Names	
Global	False

Startup

Startup Count	All
Startup Delay (Seconds)	20
Startup Delay Trigger	Delay

Quorum

The quorum for a cluster determines the number of voting elements that must be active for the cluster to start or continue running.

Quorum

Dynamically Manage Node Votes	True
Quorum Type	Majority
Voting Node Names	CSDEMO-SQL01 CSDEMO-SQL02

Witness

Witness Type	Disk Witness
Resource Name	Cluster Disk 2
Assigned Vote	1
Database Write Timeout (Seconds)	300




























Disk Witness Settings






















Disk Identifier	98cd2504-f3c7-4ff9-856e-97adaa46ceb1
Path	Q:\Cluster\

Resource Types

Resource types define the types of resources that can be clustered and provides resource DLLs to manage these types.

48 Resource Types

Display Name	Name	DLL Name
 (Resource Type Unavailable)	MSMQ	
 (Resource Type Unavailable)	MSMQTriggers	
 (Resource Type Unavailable)	Microsoft iSNS	
 Cloud Witness	Cloud Witness	clusres.dll
 Cluster-Aware Updating	ClusterAwareUpdatingResource	clusterawareupdatingnative.dll
 Container	Container	clusres2.dll
 DFS Replicated Folder	DFS Replicated Folder	dfsclus.dll
 DHCP Service	DHCP Service	clnetres.dll
 Disjoint IPv4 Address	Disjoint IPv4 Address	clusres.dll
 Disjoint IPv6 Address	Disjoint IPv6 Address	clusres.dll
 Distributed File System	Distributed File System	clusres2.dll
 Distributed Network Name	Distributed Network Name	clusres.dll
 Distributed Transaction Coordinator	Distributed Transaction Coordinator	mtxclu.dll
 File Server	File Server	clusres2.dll
 File Share Quorum Witness	File Share Witness	clusres.dll
 Generic Application	Generic Application	clusres2.dll
 Generic Script	Generic Script	clusres2.dll
 Generic Service	Generic Service	clusres2.dll
 HCS Virtual Machine	HCS Virtual Machine	clusres.dll
 Health Service	Health Service	healthres.dll
 IP Address	IP Address	clusres.dll
 IPv6 Address	IPv6 Address	clusres.dll
 IPv6 Tunnel Address	IPv6 Tunnel Address	clusres2.dll
 iSCSI Target Server	iSCSI Target Server	wtclusres.dll
 Key Value Store	Key Value Store	clusres.dll
 Network Address Translator	Nat	natresource.dll
 Network File System	Network File System	nfsres.dll

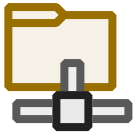
 Network Name	Network Name	clusres.dll
 NFS Multi Server Namespace	NFS Multi Server Namespace	nfsres.dll
 Physical Disk	Physical Disk	clusres.dll
 Replicated Local User Account	ReplicatedLocalUser	clusres.dll
 Scale Out File Server	Scale Out File Server	clusres.dll
 SDDC Management	SDDC Management	sddcres.dll
 SQL Server	SQL Server	sqsrres.dll
 SQL Server Agent	SQL Server Agent	sqagres.dll
 SQL Server Availability Group	SQL Server Availability Group	hadres.dll
 SQL Server FILESTREAM Share	SQL Server FILESTREAM Share	fssres.dll
 Storage Pool	Storage Pool	clusres.dll
 Storage QoS Policy Manager	Storage QoS Policy Manager	clusres.dll
 Storage Replica	Storage Replica	wvrres.dll
 Task Scheduler	Task Scheduler	clusres.dll
 User Manager	User Manager	clusres.dll
 Virtual Machine	Virtual Machine	vmclusres.dll
 Virtual Machine Cluster WMI Provider	Virtual Machine Cluster WMI	vmclusres.dll
 Virtual Machine Configuration	Virtual Machine Configuration	vmclusres.dll
 Virtual Machine Replication Broker	Virtual Machine Replication Broker	vmclusres.dll
 Virtual Machine Replication Coordinator	Virtual Machine Replication Coordinator	vmclusres.dll
 WINS Service	WINS Service	clnetres.dll

Storage Spaces Direct

Storage Spaces Direct (S2D) is a software-defined storage solution that combines storage drives on a cluster of physical servers into a pool of storage.

 **General Settings**

Enabled	False
----------------	-------



Networks

A Microsoft failover cluster network is connection between network interfaces on the same subnet that can provide internal cluster communication (private network) or provide client systems with access to cluster application services (public network).

2 Networks

Name	Role	State
 Cluster Network 1	Cluster And Client	Up
 Cluster Network 2	Cluster Only	Up

Cluster Network 1

A Microsoft failover cluster network is connection between network interfaces on the same subnet that can provide internal cluster communication (private network) or provide client systems with access to cluster application services (public network).

Cluster Network 1

State	Up
Role	Cluster And Client
IPv4 Addresses	192.168.176.0/24
IPv6 Addresses	

Metric

Automatic Metric	True
Metric	70384

2 Network Connections

Name	Node	State
 CSDEMO-SQL01 - Ethernet0	CSDEMO-SQL01	Up
 CSDEMO-SQL02 - Ethernet0	CSDEMO-SQL02	Up

Cluster Network 2

A Microsoft failover cluster network is connection between network interfaces on the same subnet that can provide internal cluster communication (private network) or provide client systems with access to cluster application services (public network).



Cluster Network 2

State	Up
Role	Cluster Only
IPv4 Addresses	10.200.1.0/24
IPv6 Addresses	

Metric

Automatic Metric	True
Metric	30384

2 Network Connections





Name	Node	State
 CSDEMO-SQL01 - Cluster	CSDEMO-SQL01	Up
 CSDEMO-SQL02 - Cluster	CSDEMO-SQL02	Up



Network Connections

Network connections define the connection between the node's network adapter and the cluster network.

4 Network Connections

Name	Node	State
 CSDEMO-SQL01 - Cluster	CSDEMO-SQL01	Up
 CSDEMO-SQL01 - Ethernet0	CSDEMO-SQL01	Up
 CSDEMO-SQL02 - Cluster	CSDEMO-SQL02	Up
 CSDEMO-SQL02 - Ethernet0	CSDEMO-SQL02	Up

CSDEMO-SQL01 - Cluster

Network connections define the connection between the node's network adapter and the cluster network.

CSDEMO-SQL01 - Cluster

State	Up
Adapter Identifier	d0488c0f-9d39-4154-8424-8c630c60f5fe
Adapter Name	Intel(R) 82574L Gigabit Network Connection #2
Network Name	Cluster Network 2
Node Name	CSDEMO-SQL01

Addresses

DHCP Enabled	False
Address	10.200.1.1
IPv4 Addresses	10.200.1.1
IPv6 Addresses	

CSDEMO-SQL01 - Ethernet0

Network connections define the connection between the node's network adapter and the cluster network.

CSDEMO-SQL01 - Ethernet0

State	Up
Adapter Identifier	8acfd7ea-2e4a-40a6-9fcb-94d585918e6c
Adapter Name	Intel(R) 82574L Gigabit Network Connection
Network Name	Cluster Network 1
Node Name	CSDEMO-SQL01

Addresses

DHCP Enabled	False
Address	192.168.176.138
IPv4 Addresses	192.168.176.138
IPv6 Addresses	

CSDEMO-SQL02 - Cluster

Network connections define the connection between the node's network adapter and the cluster network.

CSDEMO-SQL02 - Cluster

State	Up
Adapter Identifier	d83217fe-9750-4e6e-80d0-5d3b5c4f8ab9
Adapter Name	Intel(R) 82574L Gigabit Network Connection #2
Network Name	Cluster Network 2
Node Name	CSDEMO-SQL02

Addresses

DHCP Enabled	False
Address	10.200.1.2
IPv4 Addresses	10.200.1.2
IPv6 Addresses	

CSDEMO-SQL02 - Ethernet0

Network connections define the connection between the node's network adapter and the cluster network.

CSDEMO-SQL02 - Ethernet0

State	Up
Adapter Identifier	cc87e41f-e6ed-449b-b809-6ad38311b2d6
Adapter Name	Intel(R) 82574L Gigabit Network Connection
Network Name	Cluster Network 1
Node Name	CSDEMO-SQL02


Addresses



DHCP Enabled	False
Address	192.168.176.139
IPv4 Addresses	192.168.176.139
IPv6 Addresses	



Nodes

A Microsoft failover cluster is a group of independent computers called nodes that work together to increase the availability and scalability of clustered roles.

 **2 Nodes**

Name	Current Vote	Assigned Vote
 CSDEMO-SQL01	1	1
 CSDEMO-SQL02	1	1

CSDEMO-SQL01

A Microsoft failover cluster is a group of independent computers called nodes that work together to increase the availability and scalability of clustered roles.

CSDEMO-SQL01

State	Up
ID	1
Current Vote	1
Assigned Vote	1
Version	10.0.26100.0

Fault Domain

Site	HQ
Rack	
Chassis	

Host Information



Computer Fully Qualified Domain Name	CSDEMO-SQL01.centrelsolutionsdemo.int
Operating System Name	Microsoft Windows Server 2025 Datacenter
Service Pack	[None Installed]



Host Hardware

Manufacturer	VMware, Inc.
Model	VMware20,1
Serial Number	VMware-56 4d 31 0d 57 59 ed 21-cf 8b 73 25 1b 24 87 4f
Processors	11th Gen Intel(R) Core(TM) i9-11900H @ 2.50GHz

2 Network Connections

Name	Network	State
 CSDEMO-SQL01 - Cluster	Cluster Network 2	Up
 CSDEMO-SQL01 - Ethernet0	Cluster Network 1	Up

CSDEMO-SQL02

A Microsoft failover cluster is a group of independent computers called nodes that work together to increase the availability and scalability of clustered roles.

CSDEMO-SQL02

State	Up
ID	2
Current Vote	1
Assigned Vote	1
Version	10.0.26100.0

Fault Domain

Site	HQ
Rack	
Chassis	

Host Information



Computer Fully Qualified Domain Name	CSDEMO-SQL02.centrelsolutionsdemo.int
Operating System Name	Microsoft Windows Server 2025 Datacenter
Service Pack	[None Installed]



Host Hardware

Manufacturer	VMware, Inc.
Model	VMware20,1
Serial Number	VMware-56 4d ef 00 d2 8f 27 7f-ca 7e d7 b5 c3 01 54 cb
Processors	11th Gen Intel(R) Core(TM) i9-11900H @ 2.50GHz

2 Network Connections



Name	Network	State
 CSDEMO-SQL02 - Cluster	Cluster Network 2	Up
 CSDEMO-SQL02 - Ethernet0	Cluster Network 1	Up



Roles

Roles are clustered applications or services that can failover independently between cluster nodes.

 2 Roles

Name	State	Type	Owner Node
 SQL Server (MSSQLSERVER)	Online	Other	CSDEMO-SQL01
 User Manager Group	Online	User Manager	CSDEMO-SQL02

SQL Server (MSSQLSERVER)

Roles are clustered applications or services that can failover independently between cluster nodes.

General Settings

State	Online
Group Type	Other
Identifier	05071b56-db06-45ce-9350-f22f38f36bd4
Core Group	False
Priority	Medium











Owner

Owner Node	CSDEMO-SQL01
Preferred Owners	

Failover

Maximum Failures	1
Failover Period (Hours)	6
Failback	Prevent failback

10 Resources

Name	Type	Owner Node	State
 Analysis Services	Generic Service	CSDEMO-SQL01	Online
 Cluster Disk 1	Physical Disk	CSDEMO-SQL01	Online
 SQL IP Address 1 (CSDEMO-SQL)	IP Address	CSDEMO-SQL01	Online
 SQL Network Name (CSDEMO-SQL)	Network Name	CSDEMO-SQL01	Online
 SQL Server	SQL Server	CSDEMO-SQL01	Online
 SQL Server Agent	SQL Server Agent	CSDEMO-SQL01	Online
 SQL Server CEIP (MSSQLSERVER)	Generic Service	CSDEMO-SQL01	Online
 SQL Server launchpad (MSSQLSERVER)	Generic Service	CSDEMO-SQL01	Online
 SQL Server Polybase Dms (MSSQLSERVER)	Generic Service	CSDEMO-SQL01	Online
 SQL Server Polybase Engine (MSSQLSERVER)	Generic Service	CSDEMO-SQL01	Online

Analysis Services

Cluster resources are physical or logical entities such as physical disks that are managed by the cluster service.

General Settings

State	Online
Resource Type Display Name	Generic Service
Core Resource	False
Maintenance Mode	False
Identifier	fc7e63a6-dd8e-4b53-a724-620ca99fe84d

Settings

Service Name	MSSQLServerOLAPService
Startup Parameters	
Use Network Name	True

Owner

Owner Node	CSDEMO-SQL01
Owner Group	SQL Server (MSSQLSERVER)

Dependencies

Dependency Expression	((Cluster Disk 1]) and ([SQL Network Name (CSDEMO-SQL)])
-----------------------	--

Policies

Resource Failure Response	Do not restart
Pending Timeout	3 minutes

Advanced Policies

Possible Owners	CSDEMO-SQL01 CSDEMO-SQL02
Basic Health Check Time Period	Use the standard time period for the resource type
Thorough Health Check Time Period	Use the standard time period for the resource type
Use Separate Resource Monitor	True




Cryptography

Cryptographic Keys	
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Registry

Registry Keys	Software\Microsoft\Microsoft SQL Server\MSAS17.MSSQLSERVER\Cluster Software\Microsoft\Microsoft SQL Server\MSAS17.MSSQLSERVER\CPE
----------------------	--

3 Parameters

Name	Value	State
 ServiceName	MSSQLServerOLAPService	Read/Write
 StartupParameters		Read/Write
 UseNetworkName	1	Read/Write

Cluster Disk 1

Cluster resources are physical or logical entities such as physical disks that are managed by the cluster service.


General Settings

State	Online
Resource Type Display Name	Physical Disk
Core Resource	False
Maintenance Mode	False
Identifier	1f42f08e-70bc-4031-86f0-1990264144e8

Disk Information

Bus Type	iSCSI
Disk Identifier	4fe40a77-343e-4e68-baed-727fe81460f9
Disk Number	2
Manufacturer	MSFT
Model	Virtual HD
Partition Style	GUID Partition Table (GPT)
Serial Number	C085CF46-091D-48E9-BB55-82B9A8F28D6A
Size	10 GB

1 Volumes

Name	File System	Size	Free Space
 SQL Data: (S:)	NTFS	9.98 GB	8.69 GB

Owner

Owner Node	CSDEMO-SQL01
Owner Group	SQL Server (MSSQLSERVER)

Dependencies

Dependency Expression	
------------------------------	--

Policies

Resource Failure Response	Attempt restart on current node and if unsuccessful fail over all resources in the role
Restart Period	10 minutes
Maximum Restarts	1
Restart Delay	500 milliseconds
Begin Restarting After Failures	10 minutes
Pending Timeout	3 minutes

Advanced Policies

Possible Owners	CSDEMO-SQL01 CSDEMO-SQL02
Basic Health Check Time Period	Use the standard time period for the resource type
Thorough Health Check Time Period	Use the standard time period for the resource type
Use Separate Resource Monitor	False


























Cryptography

Cryptographic Keys	
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Registry

Registry Keys	
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25 Parameters

Name	Value	State
 CsvEnforceWriteThrough	0	Read/Write
 DiskArbInterval	3	Read/Write
 DiskGuid	{ea99e942-ef85-030c-141e-eb377750e132}	Read-Only
 DiskIdGuid	{4fe40a77-343e-4e68-baed-727fe81460f9}	Read/Write
 DiskIdType	1	Read/Write
 DiskPath		Read/Write
 DiskRecoveryAction	0	Read/Write
 DiskReload	0	Read/Write
 DiskRunChkDsk	0	Read/Write
 DiskSignature	0	Read/Write
 DiskUniquelds	[Not Shown]	Read/Write
 DiskVolumeInfo	[Not Shown]	Read/Write
 EnableBlockCache	1	Read/Write
 MaintenanceMode	0	Read/Write
 PoolId		Read-Only
 SnapshotDiffSize	0	Read/Write
 VirtualDiskDescription		Read-Only
 VirtualDiskHealth	0	Read-Only
 VirtualDiskId		Read-Only
 VirtualDiskName		Read-Only
 VirtualDiskProvisioning	0	Read-Only
 VirtualDiskResiliencyColumns	0	Read-Only
 VirtualDiskResiliencyInterleave	0	Read-Only
 VirtualDiskResiliencyType	0	Read-Only
 VirtualDiskState	0	Read-Only

SQL IP Address 1 (CSDEMO-SQL)

Cluster resources are physical or logical entities such as physical disks that are managed by the cluster service.

General Settings

State	Online
Resource Type Display Name	IP Address
Core Resource	False
Maintenance Mode	False
Identifier	Odd81986-2cfe-484a-99aa-d58642b887f9

Settings

Network	Cluster Network 1
DHCP Enabled	False
Address	192.168.176.141
Subnet Mask	255.255.255.0
Enable NetBIOS	True

Owner

Owner Node	CSDEMO-SQL01
Owner Group	SQL Server (MSSQLSERVER)

Dependencies

Dependency Expression	
------------------------------	--

Policies

Resource Failure Response	Attempt restart on current node and if unsuccessful fail over all resources in the role
Restart Period	10 minutes
Maximum Restarts	1
Restart Delay	500 milliseconds
Begin Restarting After Failures	10 minutes
Pending Timeout	3 minutes

Advanced Policies

Possible Owners	CSDEMO-SQL01 CSDEMO-SQL02
Basic Health Check Time Period	Use the standard time period for the resource type
Thorough Health Check Time Period	Use the standard time period for the resource type
Use Separate Resource Monitor	False














Cryptography

Cryptographic Keys	
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Registry

Registry Keys	
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13 Parameters

Name	Value	State
 Address	192.168.176.141	Read/Write
 DhcpAddress	0.0.0.0	Read-Only
 DhcpServer	255.255.255.255	Read-Only
 DhcpSubnetMask	255.0.0.0	Read-Only
 EnableDhcp	0	Read/Write
 EnableNetBIOS	1	Read/Write
 LeaseExpiresTime	[Not Configured]	Read-Only
 LeaseObtainedTime	[Not Configured]	Read-Only
 Network	Cluster Network 1	Read/Write
 OverrideAddressMatch	0	Read/Write
 ProbeFailureThreshold	0	Read/Write
 ProbePort	0	Read/Write
 SubnetMask	255.255.255.0	Read/Write

SQL Network Name (CSDEMO-SQL)

Cluster resources are physical or logical entities such as physical disks that are managed by the cluster service.

General Settings

State	Online
Resource Type Display Name	Network Name
Core Resource	False
Maintenance Mode	False
Identifier	2425a6d7-dc95-4e0b-8072-41de9cf57809

Settings

DNS Name	CSDEMO-SQL
DNS Suffix	centrelsolutionsdemo.int
Fully Qualified Domain Name	CSDEMO-SQL.centrelsolutionsdemo.int
Publish PTR Records	False
DNS Status	OK
NetBIOS Status	OK
Kerberos Status	OK

Owner

Owner Node	CSDEMO-SQL01
Owner Group	SQL Server (MSSQLSERVER)

Dependencies

Dependency Expression	([SQL IP Address 1 (CSDEMO-SQL)])
-----------------------	-----------------------------------

Policies

Resource Failure Response	Attempt restart on current node and if unsuccessful fail over all resources in the role
Restart Period	10 minutes
Maximum Restarts	1
Restart Delay	500 milliseconds
Begin Restarting After Failures	10 minutes
Pending Timeout	3 minutes

Advanced Policies

Possible Owners	CSDEMO-SQL01 CSDEMO-SQL02
Basic Health Check Time Period	Use the standard time period for the resource type
Thorough Health Check Time Period	Use the standard time period for the resource type
Use Separate Resource Monitor	False

















Cryptography

Cryptographic Keys	1\Microsoft Enhanced Cryptographic Provider v1.0\3f7e3e51-f0c7-49f9-848b-805420416ccb-Netname Resource Data
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Registry

Registry Keys	SOFTWARE\Microsoft\Microsoft SQL Server\MSSQL17.MSSQLSERVER\Cluster SOFTWARE\Microsoft\Microsoft SQL Server\MSSQL17.MSSQLSERVER\MSSQLServer SOFTWARE\Microsoft\Microsoft SQL Server\MSSQL17.MSSQLSERVER\Replication SOFTWARE\Microsoft\Microsoft SQL Server\MSSQL17.MSSQLSERVER\Providers SOFTWARE\Microsoft\Microsoft SQL Server\MSSQL17.MSSQLSERVER\SQLServerSCP SOFTWARE\Microsoft\Microsoft SQL Server\MSSQL17.MSSQLSERVER\CPE SOFTWARE\Microsoft\Microsoft SQL Server\MSSQL17.MSSQLSERVER\SQLServerAgent SOFTWARE\Microsoft\Microsoft SQL Server\MSSQL17.MSSQLSERVER\Polybase\Configuration
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16 Parameters

Name	Value	State
 ADAware	1	Read/Write
 Aliases		Read/Write
 CreatingDC	\\CSDEMO-DC01.centrelsolutionsdemo.int	Read-Only
 DnsName	CSDEMO-SQL	Read/Write
 DnsSuffix	centrelsolutionsdemo.int	Read-Only
 HostRecordTTL	1,200	Read/Write
 LastDNSUpdateTime	Friday, April 17, 2026 2:11:11 PM	Read-Only
 Name	CSDEMO-SQL	Read/Write
 ObjectGUID	bc24c256a259f64881ac36a06d55c1c4	Read-Only
 PublishPTRRecords	0	Read/Write
 RegisterAllProvidersIP	1	Read/Write
 RemapPipeNames	1	Read/Write
 ResourceData	[Not Shown]	Read-Only
 StatusDNS	0	Read-Only
 StatusKerberos	0	Read-Only
 StatusNetBIOS	0	Read-Only

SQL Server

Cluster resources are physical or logical entities such as physical disks that are managed by the cluster service.

General Settings

State	Online
Resource Type Display Name	SQL Server
Core Resource	False
Maintenance Mode	False
Identifier	97edc65c-ea25-4217-9147-7d5dd9d6cb14

Settings

Virtual Server Name	CSDEMO-SQL
Instance Name	MSSQLSERVER

Owner

Owner Node	CSDEMO-SQL01
Owner Group	SQL Server (MSSQLSERVER)

Dependencies

Dependency Expression	((Cluster Disk 1)) and ([SQL Network Name (CSDEMO-SQL)])
------------------------------	--

Policies

Resource Failure Response	Attempt restart on current node and if unsuccessful fail over all resources in the role
Restart Period	10 minutes
Maximum Restarts	1
Restart Delay	500 milliseconds
Begin Restarting After Failures	10 minutes
Pending Timeout	3 minutes

Advanced Policies

Possible Owners	CSDEMO-SQL01 CSDEMO-SQL02
Basic Health Check Time Period	Use the standard time period for the resource type
Thorough Health Check Time Period	Use the standard time period for the resource type
Use Separate Resource Monitor	True











Cryptography

Cryptographic Keys	
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Registry

Registry Keys	
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10 Parameters

Name	Value	State
 ClusterConnectionOptions		Read/Write
 FailureConditionLevel	3	Read/Write
 HealthCheckTimeout	60,000	Read/Write
 InstanceName	MSSQLSERVER	Read/Write
 SqlDumperDumpFlags	0	Read/Write
 SqlDumperDumpPath		Read/Write
 SqlDumperDumpTimeOut	0	Read/Write
 SqlPreStartupActionsFlags	0	Read/Write
 VerboseLogging	0	Read/Write
 VirtualServerName	CSDEMO-SQL	Read/Write

SQL Server Agent

Cluster resources are physical or logical entities such as physical disks that are managed by the cluster service.

General Settings

State	Online
Resource Type Display Name	SQL Server Agent
Core Resource	False
Maintenance Mode	False
Identifier	1df1f791-e9bf-4eec-ac85-95365ec96998

Owner

Owner Node	CSDEMO-SQL01
Owner Group	SQL Server (MSSQLSERVER)

Dependencies

Dependency Expression	[(SQL Server)]
------------------------------	----------------

Policies

Resource Failure Response	Attempt restart on current node and if unsuccessful fail over all resources in the role
Restart Period	10 minutes
Maximum Restarts	1
Restart Delay	500 milliseconds
Begin Restarting After Failures	10 minutes
Pending Timeout	3 minutes

Advanced Policies

Possible Owners	CSDEMO-SQL01 CSDEMO-SQL02
Basic Health Check Time Period	Use the standard time period for the resource type
Thorough Health Check Time Period	Use the standard time period for the resource type
Use Separate Resource Monitor	True

Cryptography

Cryptographic Keys	
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 **Registry**

Registry Keys	
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 **2 Parameters**

Name	Value	State
 InstanceName	MSSQLSERVER	Read/Write
 VirtualServerName	CSDemo-SQL	Read/Write

SQL Server CEIP (MSSQLSERVER)

Cluster resources are physical or logical entities such as physical disks that are managed by the cluster service.

General Settings

State	Online
Resource Type Display Name	Generic Service
Core Resource	False
Maintenance Mode	False
Identifier	3037b874-89a9-46f0-9716-62f138c12eac

Settings

Service Name	SQLTELEMETRY
Startup Parameters	
Use Network Name	True

Owner

Owner Node	CSDEMO-SQL01
Owner Group	SQL Server (MSSQLSERVER)

Dependencies

Dependency Expression	([SQL Server])
-----------------------	----------------

Policies

Resource Failure Response	Attempt restart on current node
Restart Period	10 minutes
Maximum Restarts	1
Restart Delay	500 milliseconds
Begin Restarting After Failures	10 minutes
Pending Timeout	3 minutes

Advanced Policies

Possible Owners	CSDEMO-SQL01 CSDEMO-SQL02
Basic Health Check Time Period	Use the standard time period for the resource type
Thorough Health Check Time Period	Use the standard time period for the resource type
Use Separate Resource Monitor	True




Cryptography

Cryptographic Keys	
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Registry

Registry Keys	
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3 Parameters

Name	Value	State
 ServiceName	SQLTELEMETRY	Read/Write
 StartupParameters		Read/Write
 UseNetworkName	1	Read/Write

SQL Server launchpad (MSSQLSERVER)

Cluster resources are physical or logical entities such as physical disks that are managed by the cluster service.

General Settings

State	Online
Resource Type Display Name	Generic Service
Core Resource	False
Maintenance Mode	False
Identifier	d704ee92-2ecf-4f0e-bd78-48bd728c13e9

Settings

Service Name	MSSQLLaunchpad
Startup Parameters	
Use Network Name	True

Owner

Owner Node	CSDEMO-SQL01
Owner Group	SQL Server (MSSQLSERVER)

Dependencies

Dependency Expression	([SQL Server])
-----------------------	----------------

Policies

Resource Failure Response	Attempt restart on current node
Restart Period	10 minutes
Maximum Restarts	1
Restart Delay	500 milliseconds
Begin Restarting After Failures	10 minutes
Pending Timeout	3 minutes

Advanced Policies

Possible Owners	CSDEMO-SQL01 CSDEMO-SQL02
Basic Health Check Time Period	Use the standard time period for the resource type
Thorough Health Check Time Period	Use the standard time period for the resource type
Use Separate Resource Monitor	True




Cryptography

Cryptographic Keys	
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Registry

Registry Keys	
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3 Parameters

Name	Value	State
 ServiceName	MSSQLLaunchpad	Read/Write
 StartupParameters		Read/Write
 UseNetworkName	1	Read/Write

SQL Server Polybase Dms (MSSQLSERVER)

Cluster resources are physical or logical entities such as physical disks that are managed by the cluster service.

General Settings

State	Online
Resource Type Display Name	Generic Service
Core Resource	False
Maintenance Mode	False
Identifier	092808fd-af99-4c1c-b38b-78e1b88016d9

Settings

Service Name	SQLPBDMS
Startup Parameters	
Use Network Name	True

Owner

Owner Node	CSDEMO-SQL01
Owner Group	SQL Server (MSSQLSERVER)

Dependencies

Dependency Expression	([SQL Server])
-----------------------	----------------

Policies

Resource Failure Response	Attempt restart on current node
Restart Period	10 minutes
Maximum Restarts	1
Restart Delay	500 milliseconds
Begin Restarting After Failures	10 minutes
Pending Timeout	3 minutes

Advanced Policies

Possible Owners	CSDEMO-SQL01 CSDEMO-SQL02
Basic Health Check Time Period	Use the standard time period for the resource type
Thorough Health Check Time Period	Use the standard time period for the resource type
Use Separate Resource Monitor	True




Cryptography

Cryptographic Keys	
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Registry

Registry Keys	
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3 Parameters

Name	Value	State
 ServiceName	SQLPBDMS	Read/Write
 StartupParameters		Read/Write
 UseNetworkName	1	Read/Write

SQL Server Polybase Engine (MSSQLSERVER)

Cluster resources are physical or logical entities such as physical disks that are managed by the cluster service.

General Settings

State	Online
Resource Type Display Name	Generic Service
Core Resource	False
Maintenance Mode	False
Identifier	1e125396-0cb3-4caa-b2c2-f7eb27c9dddd

Settings

Service Name	SQLPBENGINE
Startup Parameters	
Use Network Name	True

Owner

Owner Node	CSDEMO-SQL01
Owner Group	SQL Server (MSSQLSERVER)

Dependencies

Dependency Expression	([SQL Server])
------------------------------	----------------

Policies

Resource Failure Response	Attempt restart on current node
Restart Period	10 minutes
Maximum Restarts	1
Restart Delay	500 milliseconds
Begin Restarting After Failures	10 minutes
Pending Timeout	3 minutes

Advanced Policies

Possible Owners	CSDEMO-SQL01 CSDEMO-SQL02
Basic Health Check Time Period	Use the standard time period for the resource type
Thorough Health Check Time Period	Use the standard time period for the resource type
Use Separate Resource Monitor	True




Cryptography

Cryptographic Keys	
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Registry

Registry Keys	
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3 Parameters

Name	Value	State
 ServiceName	SQLPBENGINE	Read/Write
 StartupParameters		Read/Write
 UseNetworkName	1	Read/Write

User Manager Group

Roles are clustered applications or services that can failover independently between cluster nodes.

General Settings

State	Online
Group Type	User Manager
Identifier	f630d23e-6b33-4975-beed-c8ab6d198b7d
Core Group	False
Priority	Medium


Owner

Owner Node	CSDEMO-SQL02
Preferred Owners	

Failover

Maximum Failures	1
Failover Period (Hours)	6
Failback	Prevent failback

1 Resources

Name	Type	Owner Node	State
 User Manager	User Manager	CSDEMO-SQL02	Online

User Manager

Cluster resources are physical or logical entities such as physical disks that are managed by the cluster service.

General Settings

State	Online
Resource Type Display Name	User Manager
Core Resource	False
Maintenance Mode	False
Identifier	77d85556-489c-494a-9a16-282ec08788f4

Owner

Owner Node	CSDEMO-SQL02
Owner Group	User Manager Group

Dependencies

Dependency Expression	
------------------------------	--

Policies

Resource Failure Response	Attempt restart on current node and if unsuccessful fail over all resources in the role
Restart Period	10 minutes
Maximum Restarts	1
Restart Delay	500 milliseconds
Begin Restarting After Failures	10 minutes
Pending Timeout	3 minutes

Advanced Policies

Possible Owners	CSDEMO-SQL01 CSDEMO-SQL02
Basic Health Check Time Period	Use the standard time period for the resource type
Thorough Health Check Time Period	Use the standard time period for the resource type
Use Separate Resource Monitor	False

Cryptography

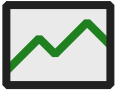
Cryptographic Keys	
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 Registry

Registry Keys

 0 Parameters

There are no parameters found.



Business Impact / Criticality

Provides business impact and criticality information.

Business Impact / Criticality

Criticality	High
Recovery Priority	P1
Impact Information	This system provides the primary SQL cluster.



Housekeeping

This is an example housekeeping section.

Housekeeping

Reboot Process Notes	Please see full process notes below.
Last Cleanup Process Check	Friday, April 10, 2026
Backup Notes	Full database backups are performed nightly via the SQL Server Agent maintenance plan.

Additional Information

Complete Reboot Process Notes

Always reboot one node at a time to maintain service availability.

Before rebooting a node, verify that:

- All cluster roles have successfully failed over to the other node.
- The node shows Paused or Draining in Failover Cluster Manager.
- No SQL Server Agent jobs are currently running on the active node.


After reboot, confirm:

- The node re-joins the cluster cleanly.
- Cluster Shared Volumes (if used) show Healthy.
- The SQL Server service starts without warnings in the event log.
- Only return the node to Active once validation checks pass.

Support Provisions

This section provides information about the support provisions associated with this item.

 **1 Support Provisions**

Name	Relationship Type	Hours	Start Date	Expiry Date
 24 x 7 Premium Support	Technical Support	24 x 7 x 365	Friday, April 17, 2026	Thursday, April 17, 2036

24 x 7 Premium Support

This section provides information about the support provisions associated with this item.

Relationship Information

Relationship Type	Technical Support
-------------------	-------------------

Support Provision Details

Support Hours	24 x 7 x 365
Reference Number	SPE
Self Service Web Site	https://www.centrelsolutionsdemo.onmicrosoft.com/support
Email Address	support@centrelsolutionsdemo.onmicrosoft.com
Telephone Number	+44 1865 123123


Validity Period



Start Date	Friday, April 17, 2026
Expiry Date	Thursday, April 17, 2036



Version History

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

 **2 versions**

Version	Username	Date	Time	Description
 1.01	CENTREL-WS01\XiaAdmin	Monday, April 27, 2026	3:51 PM	Updated item notes.
 1.00	CENTREL-WS01\XiaAdmin	Friday, April 17, 2026	4:35 PM	Updated by XIA Configuration Client Data

About XIA Configuration

XIA Configuration is an IT infrastructure audit and documentation tool that automates the process of collecting and documenting network configurations.