

# TSMCluster®

Version 6.1

## Spectrum Cluster

High availability for  
Spectrum Protect, Control & Scale.

- ★ Your TSM server must be available 7x24?
- ★ You need a simple method for a maintenance window?
- ★ You want to share your TSM infrastructure dynamically between TSM servers?
- ★ You have no / not enough knowledge in standard cluster software?
- ★ You don't have the time for scripting your own solution?
- ★ You don't want to care about DB2, operating system or hardware?

Then **TSMCluster®** is your solution !!!

**New GUI**

The screenshot shows the TSMCluster 6.1.0.0 web interface. The main view displays a cluster overview with four nodes: exaix61, exaix62, exaix63, and exaix64. Node exaix61 contains instances aix01 and aix02, while exaix63 contains instance aix03. The interface includes tabs for Overview, ClusterDB, Config, and License. A log table on the right provides detailed system messages.

time	node	instance	app	message	details
12:38:13	exaix03	aix03	Resources	db2_aix03 - DB2 alive check OK for aix03	
12:38:13	exaix03	aix03	Resources	TSM - 'aix03': port 1903 OPEN on host 127.0.0.1	
12:38:12	exaix03	aix03	Resources	ip1_aix03 - status OK	
12:38:12	exaix03	aix03	Resources	ip1_aix03 - 192.168.178.163/255.255.255.0 set on en0	
12:38:12	exaix03	aix03	Resources	ip1_aix03 - 192.168.178.163/255.255.255.0 ping successful	
12:38:12	exaix03	aix03	NodeMgr	wrote spec file /opt/tsmcluster/var/specs/aix03.spec	
12:37:57	exaix03	Sensoropscenter	oc_running - rc is 0, value is 'Server guiServer is not running.'	WARN	
12:37:55	exaix02	Sensoropscenter	oc_running - rc is 0, value is 'Server guiServer is not running.'	WARN	
12:37:55	exaix04	Sensoropscenter	oc_running - rc is 0, value is ''	WARN	
12:37:52	exaix01	aix01	Utils	instance aix01 is sound	
12:37:47	exaix01	aix01	Resources	TSM - 'aix01': port 1901 OPEN on host 192.168.178.161	
12:37:47	exaix01	aix01	Resources	db2_aix01 - DB2 alive check OK for aix01	
12:37:46	exaix01	aix01	NodeMgr	wrote spec file /opt/tsmcluster/var/specs/aix01.spec	
12:37:46	exaix01	aix01	Resources	ip1_aix01 - 192.168.178.161/255.255.255.0 set on en0	
12:37:46	exaix01	aix01	Resources	ip1_aix01 - 192.168.178.161/255.255.255.0 ping successful	
12:37:45	exaix01	aix01	Resources	keep-alive message (every 180 seconds)	
12:37:39	exaix01	aix02	Utils	instance aix02 is sound	
12:37:38	exaix03	aix03	Utils	instance aix03 is sound	
12:37:33	exaix01	aix02	Resources	TSM - 'aix02': port 1902 OPEN on host 127.0.0.1	
12:37:33	exaix01	aix02	Resources	db2_aix02 - DB2 alive check OK for aix02	
12:37:33	exaix01	aix02	NodeMgr	wrote spec file /opt/tsmcluster/var/specs/aix02.spec	
12:37:33	exaix01	aix02	Resources	ip1_aix02 - status OK	
12:37:33	exaix01	aix02	Resources	ip1_aix02 - 192.168.178.162/255.255.255.0 set on en0	
12:37:33	exaix01	aix02	Resources	ip1_aix02 - 192.168.178.162/255.255.255.0 ping successful	
12:37:33	exaix03	aix03	Resources	TSM - 'aix03': port 1903 OPEN on host 127.0.0.1	
12:37:32	exaix03	aix03	Resources	db2_aix03 - DB2 alive check OK for aix03	
12:37:32	exaix03	aix03	Resources	ip1_aix03 - status OK	

TSMCluster  
Spectrum Cluster  
TSM  
eXstor  
GPFS  
Redhat  
AIX  
OperationCenter  
Spectrum  
TSM  
Cluster  
DB2  
Protect  
Control  
Scale  
Any-to-Any  
HighAvailability  
Administration  
Einfache  
Hochverfügbarkeit  
ACSLs

eXstor

Supported platforms: AIX, RHEL and SLES  
Support for all TSM versions from 5.5 to 8.1

Accredited for  
**IBM** Business Continuity  
Specialty

Certified for  
**IBM** Tivoli  
software

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Version 6.1

## What is new?

- New webinterface based on IBM Webshere
- Integration of the Tivoli Operation Center GUI as a resource
- Support for IBM Spectrum Protect 8.1
- Support for IBM Spectrum Scale 4.2.2
- Support for IBM DB2 11.1
- Support for AIX 7.2, SLES 12 SP2, RHEL 7.3
- Support for IBM TSLM 1.2
- Support for ACSLS 8.4 on Linux and Linux Vms
- Integration of IBM Spectrum Control as a new resource
- Security and mail enhancements



## Spectrum Cluster

High availability for  
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# eXstor

Overview	ClusterDB	Config	License
<b>Cluster Database Information</b>			
current/initial CLH	exrlin02 / exrlin02		
volume	clusterDB		
path	/clusterDB/tsm-cluster-lock/log		
type	GPFS		
current/max db size	57 MB / 512 MB		
current/max archive file size	707 MB / 1024 MB		
last backup time	2017/03/22 08:47:47		
<b>Database Filesystem</b>			

Supported platforms: AIX, RHEL and SLES

Support for all TSM versions from 5.5 to 8.1

Running with JFS2, GPFS, XFS and EXT3/4.

Package includes: Planning workshop, software licenses, software and documentation.

The licence model is based on the number of TSM server instances and nodes. No worry with PVU and other complicated models. Please ask for a quote.

- **TSMcluster®** is a flexible, scalable solution and now since 12 years in the market.
- In more than one hundred installations, **TSMcluster®** was able to handle small and very large TSM installations on AIX and Linux.
- Offers an any-to-any concept with the new sensors technology. This allows for predictive failovers and helps to protect your TSM server against resource failures.
- **TSMcluster®** is part of the IBM Value Advantage Plus program and an IBM certified solution.

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