

## GSCC – General Storage Cluster Controller

IBM Tivoli Storage Manager High Availability Solution



## Highlights

- Scalable TSM High Availability ٠
- Works with mixed TSM V5 and V6 Server Installations
- Supports DB2 HADR with TSM V6
- Completely integrated solution
- "carefree package" customized implementation
- **Object-oriented State Model:** Simple maintenance despite high customization
- Time shifted "Standby" database with or without HADR, increasing availability
- Supports smooth, easy migration from TSM V5 to V6
- AIX, Solaris and Linux
- Supports LVM, VxVM, SVM, GPFS
- "Ready for IBM Tivoli Software" certification



General Storage GbR Storage Management Development Hagenstraße 38 68623 Lampertheim All Rights Reserved www.general-storage.de support@general-storage.de

GSCC is a High Availability solution especially for IBM Tivoli Storage Manager.

GSCC is not a conventional server cluster, but a specialized applicationdesigned for IBM TSM cluster requirements.

A GSCC Cluster usually consists of two UNIX systems hosting one or more active TSM instances. GSCC controls TSM instances and their resources as independant units.

GSCC is transparent to clients and agents. It can easily be integrated into exisiting TSM insallations...

With help of an object -oriented state model GSCC provides a high level of customization without compromising servicability.

The GSCC implementation is usually not limited to the core software functionality. On request the whole TSM environment is verified and standard configurations and naming conventions are established in order to improve managability and servicability.

## **General Storage Cluster Controller**

Site 2



In case it is impossible to keep the TSM instances or its resources up on the local machine a take over will be initiated. GSCC supports two take over methods. in order to optimize availability. Primarily a disk failover takes place. Alternatively a time shifted "Standby" database can be activated to recover from logical errors.

This Standby" or "Recovery" TSM instance has its own resources for database and log. GSCC uses these resources to recover the production database regularly providing a time shifted version of the production database - optionally utilizing HADR with TSM V6.

With that the TSM database recovery is also verified regularly. Furthermore the "Standby" database can be used to perform TSM maintenance activities unloaddb and TSM (auditdb. V6 migration) without affecting production.

GSCC provides a graphical user interface to manage GSCC and TSM intances

-	<ul> <li>38004</li> </ul>	ing Take						Adda logs				
	faires.		The Same			***	- 23	- Damas	here	4444	644	Annual Contract of
	local Division	AC NOT					-21		14.000		-	Partial coupled
	and some						- 21		biging 1964			
							-		large ind Total		1.00	MD America Table and
		and the second s				The super-	101gring 12017		MD being Different			
										124.4	an, Adda	
•	-								Wante		-	MIT Real accession
	<b>Name</b>	<b>Balline</b>	Gate he		344	101 (141-	- 4		the ground		10,000	(Fok out als 100900) 1128/1 haves acade to advect any b
	1993	1014				See.			a pied			will want take the terministic building bering) the TSH'S legit
	M10 .	mat	1004	140	-	deside			Carrie		10, April 10	Next Sector Rest Rest Rest Rest Rest Rest Rest Rest
	1964	linet		244		And a local diversity of the					-	test 1 Protections
	734.0	and	inter .		.,				-		-	
	19410	unar .	August.		ر میں اور				a' pind			In which we want to come the second second processing the
	1995	inei	1004			talts			int plant		-	New 1 St (Street State
									C. and		an anti-	1011 Marrie No. 201 program in the solution.
All and a second se											-	with our statements, the other has been an added to advant our beater.
na han									a started			The second secon
	Setter .	ten Alfred P. F. E. Januar (P. F. B.)					Game			the same process on processing.		
	MPE.				1 1000				- and a start			The second secon
	1900						wighter a			The set of		
	19410	heave 0				0(0)		Sec.		-	with any instrume of the later of the formula multiple and the later of	
									a second		1.000	Territ and interface of the Territory and the Advance and A
•											1.000	page and a short on the
Af here i share ( Jacon Canadi									a pine			NUT Arrived with the locar to 100 hours has
a g minematur Tanun ilinilaritik be perry Tak off tell.pr.ional									1.1.1.1		10.000	198.8 familians f
									C.a.		-	Testical Annual
ramon intelligible Association from a president off									in and		0.000	Television and the second seco
									wand		10.00	Inter some Partment accorded
erns 'sseetingeste up tiones up of hest-protons'									al pilot		1222	AND THE NO IS THE ADDRESS AND ADDRESS AND
									0.000		-	And Annual and the second seco
											10.000	1997 Aurely and 1997 West of the series of the property of the series of the series of the series of

GSCC is currently available for IBM AIX, SUN Solaris and Linux. Further platforms are alreadv tested.

