Test Suite	Test Case	Steps	Expected results	Status	Note	to						
	Tool susc	- Control of the Cont	Expected reduce	Jointus	14010							
INSTALLATION TESTS					Skip t	ip this						
					Mitaka	aka						
					will							
					cally g	ly get						
					google backu driver	ver						
					source code	de on						
		1. Cat the latest source ends of are sinder healure driver			install cinder backu	der						
Install and configure GCS driver	Copy driver files	det the latest source code of gcs cinder backup driver from private git-hub repo. Copy the source code in cinder backup drivers directory.	Successfully getting and copying the source code	pass	servic	vice in						
motal and comigate coc arre	CODY GIVET INCO	2. Sopy the source code in small backup anvers uncodery.	eaccessary getting and copying the course code	puoo	mitait	Junu						
		Edit [DEFAULT] section of cinder.conf with below options:										
		(Note: values assigned are for example purpose)										
		backup_gcs_credential_file = "/home/blarca/gcscinder-										
		backup_driver = cinder.backup.drivers.google backup_gos_crederlad_file = "home/blarcut/goscinder- 0bea/18644b_json" = "goscinderbucket" backup_gos_buckt = "goscinder"										
		Also, some other configurable options are: backup_gcs_object_size										
		backup_gcs_block_size backup_gcs_user_agent backup_gcs_reader_chunk_size										
		backup_gcs_writer_chunk_size backup_gcs_num_retries										
		backup_gcs_bucket_location backup_gcs_storage_class										
	Configure cinder.conf	backup_gcs_retry_error_codes backup_gcs_enable_progress_timer	Successfully editing of cinder.conf with GCS backup driver's specifc options	pass								
	Update cinder exception file		Successfully updated cinder exception file	pass	Skip t in Mita	ip this Mitaka						
	Restart cinder backup service		Cinder backup service status is up	pass								
BACKUP TESTS				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,								
BACKUP TESTS	Eull Bookup with	1. Create Cinder values of 1 CD Cine	Check for the backup using the Cinder backup-list command									
GCS Cinder Full Backup	Full Backup with size 1	Create Cinder volume of 1 GB Size. Create Backup using Cinder backup-create command	to make sure new backup is created and status should be available	pass								
	Full Backup with size 5	Create Cinder volume of 5 GB Size. Create Backup using Cinder backup-create command	Check for the backup using the Cinder backup-list command to make sure new backup is created and status should be available	pass								
			Check for the backup using the Cinder backup-list command	Feee								
	Full Backup with size 10	Create Cinder volume of 10 GB Size. Create Backup using Cinder backup-create command	to make sure new backup is created and status should be available	pass								
	Full Backup with wrong json gcs	Create Cinder volume of 1 GB Size.	Authorition and Authorization will fail as backup areation will									
	account credential file	Create Cinder Volume of 1 GB Size. Create Backup using Cinder backup-create command	Authentication and Authorization will fail so backup-creation will end in error state	pass								
	Full Backup with bucket name less	Create Cinder volume of 1 GB Size.										
	Full Backup with	Create Backup using Cinder backup-create command	HttpError Invalid bucket name	pass								
	bucket name greater than 63	Create Cinder volume of 1 GB Size.										
	characters Full Backup with	Create Backup using Cinder backup-create command	HttpError Invalid bucket name	pass								
	bucket name not unique across all	Create Cinder volume of 1 GB Size.										
	Cloud Storage. Full Backup with	Create Backup using Cinder backup-create command	HttpError	pass	-							
	bucket name already existing in											
	same project id provided in	Create Cinder volume of 1 GB Size.	This case is handled in google backup driver source code.									
	cinder.conf	Create Backup using Cinder backup-create command	Donot create the bucket if it already exists. Project id is needed for creating bucket. If project id specified in	pass								
	Full Backup with invalid project id	Create Cinder volume of 1 GB Size. Create Backup using Cinder backup-create command	cinder.conf doesnot belongs to google account credential json file specified in cinder.conf, backup creation will end in error state HttpError	naee								
	Full Backup with		перспо	pass								
	backup_gcs_object _size not multiple o backup gcs_block	Create Cinder volume of 1 GB Size.	Invalid backup: Chunk size is not multiple of block size for creating	a								
	Full Backup without	Create Backup using Cinder backup-create command	hash.	pass	-					+	+	
	updating cinder exception file and											
	some exception occured and code flow trying to											
	reference undefined	Create Cinder volume of 1 GB Size										
	exception.	Create Backup using Cinder backup-create command	AttributeError: 'module' object has no attribute	pass	-							
	In constant Design	Create Cinder volume of 1 GB Size. Create Full Backup using Cinder backup-create command. Create incremental Backup using Cinder backup-create command.	Check for the backup using the Cinder backup-list command									
GCS Cinder Incremental Backup	with size 1	withincremental option.	to make sure new backup is created and status should be available	pass								
		Create Cinder volume of 5 GB Size. Create Full Backup using Cinder backup-create command.	Check for the backup using the Cinder backup-list command									
	Incremental Backup with size 5	 Create incremental Backup using Cinder backup-create command withincremental option. 	to make sure new backup is created and status should be available	pass								
		Create Cinder volume of 10 GB Size. Create Full Backup using Cinder backup-create command	Check for the backup using the Cinder backup-list command									
	Incremental Backup with size 10	Create Full Backup using Cinder backup-create command. Create incremental Backup using Cinder backup-create command withincremental option.	to make sure new backup is created and status should be available	pass								
RESTORE TESTS												
NEOTONE TEOTO	Full Backup		Check for the status of restored volume to be available.									
GCS Cinder Backup Restore	Restore on Same volume	Create the backup-restore using the cinder backup-restore command.	Attached the restored volume to a VM and check for the data intact from the restored volume w.r.t the time of backup.	pass								
	Full Backup	Create a new Cinder volume of same or bigger size of source volume.	Check for the status of restored volume to be available.									
	Restore on new volume	Create the backup-restore using the cinder backup-restore command.	Attached the restored volume to a VM and check for the data intact from the restored volume w.r.t the time of backup.	pass								
	Full Backup	Create a new Cinder volume of smaller size than the source volume.	Ex: if new volume size is 1 GB and backup source volume size is									
	Full Backup Restore on new volume	source volume. 2. Create the backup-restore using the cinder backup-restore command.	2GB, then ERROR: Invalid volume: volume size 1 is too small to restore backup of size 2. (HTTP 400) (Request-ID: req-5d425c65-cadd-4e37-bcbd-6b775dcd6df8)	pass								
			, ,	puoo	_							

Backup Restore to Same volume from first incremental backup, command.	Check for the status of restored volume to be available. Attach the restored volume to a VM and check for the data intact from the restored volume w.r.t the time of first incremental backup.	ass
	Check for the status of restored volume to be available. Attach the restored volume to a VM and check for the data intact from the restored volume w.r.t the time of second incremental backup.	385
from first 2. Create the backup-restore using the cinder backup-restore	Check for the status of restored volume to be available. Attach the restored volume to a VM and check for the data intact from the restored volume w.r.t the time of first incremental backup.	vass
from second 2. Create the backup-restore using the cinder backup-restore	Check for the status of restored volume to be available. Attach the restored volume to a VM and check for the data intact from the restored volume w.r.t the time of second incremental backup.	vass