



Consistent State

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Report Summary

Date: 2010-12-31

Stanford

ID: 1

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Summary

Status		
WARN	Cluster [hmidb0]; Service [base]: hmi.lev1_nrt Disk Reads	Table hmi.lev1_nrt Has Consistently High Disk Reads
INFO	Cluster [hmidb0]; Service [base]: Index Block Stats	Index Primary Keys Disk Spike
INFO	Cluster [hmidb0]; Service [base]: BGWriter Stops	BGWriter Stops Slightly High
INFO	Cluster [hmidb0]; Service [base]: Buffers Not Written by the BGWriter	Buffers not written by the bgwriter are high
INFO	Cluster [hmidb0]; Service [base]: Vacuums	Vacuums are looking a little worrisome
CRIT	Cluster [hmidb0]; Service [base]: Checkpoint Tuning	Recommended Checkpoint Settings
INFO	Cluster [dcs2: dcs0 warm standby]; Service [warm_standby]: Infrequent WAL Archives	WAL Archives Still Infrequent
INFO	Cluster [dcs2: dcs1 warm standby]; Service [warm_standby]: Infrequent WAL Archives	WAL Archives Still Infrequent

Cluster: hmidb0

Collector UUID: 423971c4-b256-11df-8c2d-0800274182f7

Cluster ID: 1

Host Name or IP: 192.168.0.49

Postgres Port: 5432

Subscribed Services

Service	Description
Query	pgFouine reporting
Base	Base monitoring service
System	ssh based systats & iostats

Service: Base

Base monitoring service

WARNING	Table hmi.lev1_nrt Has Consistently High Disk Reads
	Table hmi.lev1_nrt is going to disk very often, consistently, since the holiday break, and it probably needs a new index strategy if this data holds true long term.
References	423971c4-b256-11df-8c2d-0800274182f7.1.jsoc.base.cust_tab.report.pdf

INFORMATION	Index Primary Keys Disk Spike
	We saw a pretty major spike in indexes going to disk after Christmas. We will want to be watching this in the future to make sure the disk reads go down.
References	1.423971c4-b256-11df-8c2d-0800274182f7.1.jsoc.base.cust_idx.report.pdf

INFORMATION	BGWriter Stops Slightly High
	We'll want to watch this for a while after tuning checkpoints before doing anything, because tuning checkpoints may fix the issue, but we may need to do bgwriter tuning as well.
References	1.423971c4-b256-11df-8c2d-0800274182f7.1.jsoc.base.cust_tab.report.pdf

INFORMATION	Buffers not written by the bgwriter are high
	These look fairly high and we will be watching them over time. We probably need to come up with more metrics to show us more details about these before we can tune them.
References	1.423971c4-b256-11df-8c2d-0800274182f7.1.base.cust_cluster.report.pdf

INFORMATION	Vacuums are looking a little worrisome
	We're going to watch this more, but we will be probably be making some vacuuming tuning recommendations down the road.
References	1.423971c4-b256-11df-8c2d-0800274182f7.1.base.cust_cluster.report.pdf, 1.423971c4-b256-11df-8c2d-0800274182f7.1.jsoc.base.cust_db.report.pdf, 1.423971c4-b256-11df-8c2d-0800274182f7.1.jsoc.base.cust_tab.report.pdf

CRITICAL	Recommended Checkpoint Settings
	We recommend the following checkpoint settings. Remember that you have admin pack hours, so you could have us implement them if you would like. Settings: log_checkpoints = on, checkpoint_timeout = 30min, checkpoint_warning = 30min, synchronous_commit=off
References	1.423971c4-b256-11df-8c2d-0800274182f7.1.jsoc.base.cust_tab.report.pdf

Cluster: dcs2: dcs0 warm standby

Collector UUID: 423971c4-b256-11df-8c2d-0800274182f7

Cluster ID: 6

Host Name or IP: 192.168.0.12

Postgres Port: 5430

Subscribed Services

Service	Description
Warm Standby	Warm Standby monitoring service

Service: Warm Standby

Warm Standby monitoring service

INFORMATION	WAL Archives Still Infrequent
	You may want to use some of your admin pack hours to have us look at your archive_timeout values on your warm standby instances to make sure that you won't be losing large amounts of data if a failover happens
References	1.423971c4-b256-11df-8c2d-0800274182f7.6.warm_standby.cust_cluster.report.pdf

Cluster: dcs2: dcs1 warm standby

Collector UUID: 423971c4-b256-11df-8c2d-0800274182f7

Cluster ID: 7

Host Name or IP: 192.168.0.12

Postgres Port: 5431

Subscribed Services

Service	Description
Warm Standby	Warm Standby monitoring service

Service: Warm Standby

Warm Standby monitoring service

INFORMATION	WAL Archives Still Infrequent
	You may want to use some of your admin pack hours to have us look at your archive_timeout values on your warm standby instances to make sure that you won't be losing large amounts of data if a failover happens
References	1.423971c4-b256-11df-8c2d-0800274182f7.7.warm_standby.cust_cluster.report.pdf
