Report Summary
Date: 2011-02-25

Stanford
ID: 1

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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 sysstats & iostats

Service: Base

Base monitoring service

WARNING	**We suggest these settings to tune the BGWriter**
	The following settings should help tune the BGWriter to more impressive values: bgwriter_delay = 50ms; bgwriter_lru_maxpages = 250; bgwriter_lru_multiplier = 5.0
References	423971c4-b256-11df-8c2d-0800274182f7.1.base.cust_cluster.report.pdf

INFORMATION	**BGWriter Stops Slightly High**
	We want to watch the trends for this based on the recent checkpoint tuning for a week or so; if little or no improvement is noticed, we will likely recommend some additional BGWriter-specific changes.
References	423971c4-b256-11df-8c2d-0800274182f7.1.jsoc.base.cust_tab.report.pdf

INFORMATION	**Average traffic per day**
	Your average traffic per day over the last ten days is about 1039.6 MB per second
References	423971c4-b256-11df-8c2d-0800274182f7.1.jsoc.base.cust_db.report.pdf

CRITICAL	**aia_test.synoptic2 and aia_test.lev1p5 have very large numbers of dead rows.**
	Both aia_test.synoptic2 and aia_test.lev1p5 have continually had in excess of 1 million dead rows. This is quite excessive, and we highly recommend you use your admin pack hours to let us create a new vacuum strategy for this table.
References	423971c4-b256-11df-8c2d-0800274182f7.1.jsoc.base.cust_tab.report.pdf

WARNING	**Settings to tune the BG writer**
	We see the background writer being slightly more active, but the checkpoint tuning still needs some work. We recommend increasing bgwriter_lru_maxpages to 3000.
References	423971c4-b256-11df-8c2d-0800274182f7.1.base.cust_cluster.report.pdf

INFORMATION	**Tables are continuing to be read more often**
	Table hit ratios are decreasing, dead space is climbing, and block stats are showing significantly more disk reads than before. We highly recommend using some of your admin pack hours to have us analyze the source of this and discover some way of bringing your hit ratios back to where they used to be.
References	423971c4-b256-11df-8c2d-0800274182f7.1.base.cust_tab.report.pdf

INFORMATION	**Buffers not written by the bgwriter are high**
	While we still probably need more metrics to show us more details about buffers not written by the bgwriter, we will continue to watch the trends for this based on the recent checkpoint tuning for a bit. As with the BGWriter Stops, if little or no improvement is noticed, we will likely recommend some additional BGWriter-specific changes.
References	423971c4-b256-11df-8c2d-0800274182f7.1.base.cust_cluster.report.pdf

Cluster: hmidb2

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

Cluster ID: 3

Host Name or IP: 192.168.0.76

Postgres Port: 5432

Subscribed Services

Service	Description
Query	pgFouine reporting
Slony	slony monitoring
System	ssh based sysstats & iostats

Service: Slony

slony monitoring

INFORMATION	**Slony Lag Spike**
	We are noticing that there seems to be a lag time spike of 100+ minutes every week on your slony slave (hmidb2). If you are unsure why this is happening, you should probably have us investigate using your admin pack hours.
References	423971c4-b256-11df-8c2d-0800274182f7.3.slony.cust_cluster.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	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	423971c4-b256-11df-8c2d-0800274182f7.7.warm_standby.cust_cluster.report.pdf