

### pg monz Items list :Template App PostgreSQL

### Template App PostgreSQL

Applications	LLD	Items	Triggers Type	Interval	History	Tren	Default ctatus	Discription
pg.get		pgsgl.get.pg.bgwriter	Zabbix agent	60	90	36	65 Disabled	Get the monitoring data for pg bgwriter application items
pq.qet		pgsql.get.pg.transactions	Zabbix agent	300	90	36	65 Enabled	Get the monitoring data for pg transactions application items
pg.get		pgsql.get.pq.slow_query	Zabbix agent	300	90	36	65 Enabled	Get the monitoring data for pg.slow query application items
pa.aet	DB Name List	IDBNAME1pgsgl.get.pg.size	Zabbix agent	3600	90	36	65 Enabled	Get the monitoring data for posize application items. And this item is executed per DB
pg.get	DB Name List	IDBNAMElpgsgl.get.pg.stat database	Zabbix agent	3600	90	36	65 Disabled	Get the monitoring data for pg.stat database application items. And this item is executed per DB
pg.get	DB and Table Name List	IDBNAMEI(SCHEMA,TABLENAME)pgsgl.get.pg.stat_table	Zabbix agent	3600	90	36		Get the monitoring data for poistat table application items. And this item is executed per DB
pq.bqwriter		Buffers_alloc	Zabbix trapper		90	36		The number of allocated buffers per second
pq.bqwriter		Buffers_backend	Zabbix trapper		90		65 Enabled	The number of buffers written directly by a backend per second
pq.bqwriter		Buffers_backend_fsync	Zabbix trapper		90	36	Lilabieu	The number of times per second a backend had to execute its own fsync call
pq.bqwriter		Buffers_checkpoint	Zabbix trapper		90	36		The number of buffers written per second during checkpoints
pa.bawriter		Buffers clean	Zabbix trapper		90		65 Enabled	The number of buffers written by the background writer per second
pa.bawriter		Checkpoint count (by checkpoint seaments)	1 Zabbix trapper		90	36		The number of requested checkpoints that have been performed
pa.bawriter		Checkpoint count (by checkpoint timeout)	Zabbix trapper		90	36		The number of scheduled checkpoints that have been performed
pg.bgwriter		Maxwritten_clean	Zabbix trapper		90	36		The number of times per second the background writer stopped a cleaning scan because it had written too many buffers
pq.transactions		Max connections	Zabbix trapper		90		65 Enabled	The number of times per second the background writer stopped a cleaning scan because it had written too many buffers
pq.transactions		Connections	1 Zabbix trapper		90	36	65 Enabled	The total number of backend connections
po.transactions		Active (SOL processing) connections	Zabbix trapper		90	36	65 Enabled	The total number of backend connections durig execution of the SQL
po.transactions		Idle connections	Zabbix trapper		90	36		The total number of backend connections durig waiting for inquiries from client
po.transactions		Idle in transaction connections	Zabbix trapper		90	36		The total number of backend connections durin waiting for commands in the transaction
pq.transactions		Lock waiting connections	Zabbix trapper	1	90	36		The total number of backend connections durig waiting for locks in the transaction
pq.transactions		Total committed transactions	Zabbix trapper		90	36		The mean commitment number of times in a target server (tps)
pq.transactions		Total rolled back transactions	Zabbix trapper		90	36	65 Enabled	The mean rollback number of times in a target server (tps)
pg.log		Log of /var/log/pgsql/postgresql*\.log	Zabbix agent (active)	1	90		Enabled	Messages including "PANIC", "FATAL" or "ERROR" in PostgreSQL's log
pg.size	DB Name List	[DBNAME]Estimate DB Garbage ratio %	Zabbix trapper		90	36	65 Fnahled	The garbage rate (%) of the target DB
pg.size	DB Name List	[DBNAME]DB Size	1 Zabbix trapper		90	36	65 Fnahled	The size of DB (byte)
pa.slow query		Slow DMI queries	Zahhix tranner		90	36	65 Fnahled	The number of backend processes that takes long time to execute "UPDATE", "INSERT" or "DELETE"
na slow query		Slow queries	1 Zahhix tranner		90	36	65 Fnahled	The number of backend processes that takes long time to execute queries
pa.slow query		Slow select gueries	Zabbix trapper		90	36	65 Fnahled	The number of backend processes that takes long time to execute "SELECT"
pg.stat database	DB Name List	[DBNAME]Cache hit ratio (%)	1 Zabbix trapper		90	36	65 Fnahled	The cache hit rate (%) of the target DB
	DB Name List	[DBNAME]Active connections	Zabbix trapper		90	36	65 Fnahled	The number of connections that is executing SOL in the target DB
pg.stat database	DB Name List	[DBNAME]Deadlocks	1 Zabbix trapper		90	36	65 Fnahled	The number of deadlocks occurred during an update interval in the target DB
pg.stat database	DB Name List	[DBNAME]Tuples fetched	Zabbix trapper		90	36	65 Fnahled	The number of rows fetched by queries in the target DB (tos)
ng stat database	DB Name List	[DBNAME]Tuples returned	Zahhix tranner		90	36	65 Fnahled	The number of rows returned by queries in the target DB (frs.)
ng stat database	DB Name List	[DBNAME]Tuples deleted	Zabbix trapper		90	36	65 Fnahled	The number of rows deleted by queries in the target DB (tos)
pg.stat database	DB Name List	[DBNAME]Tuples inserted	Zabbix trapper		90	36	65 Enabled	The number of rows inserted by queries in the target DB (tos)
pg.stat database	DB Name List	[DBNAME]Tuples updated	Zabbix trapper		90	36	65 Enabled	The number of rows updated by queries in the target DB (tos)
pg.stat database	DB Name List	[DBNAME]Temp bytes	1 Zabbix trapper		90	36	65 Enabled	The mean bytes of data written to temporary files by queries in the target DB (tos)
pg.stat database	DB Name List	IDBNAME1Committed transactions	Zabbix trapper		90	36	65 Enabled	The mean commitment number of times in a target DB (tos)
pg.stat database	DB Name List	[DBNAME]Rolled back transactions	Zabbix trapper		90	36	65 Enabled	The mean rollback number of times in a target DB (tos)
pg.stat table	DB and Table Name List	[DBNAME](SCHEMA,TABLENAME)analyze count	Zabbix trapper		90	36	65 Enabled	The number of manual exection of "ANALYZE" during an update interval in the target table
pg.stat_table	DB and Table Name List	[DBNAME](SCHEMA,TABLENAME)autoanalyze count	Zabbix trapper		90	36	65 Enabled	The number of exection of "ANALYZE" by autovaccum worker during an update interval in the target table
pg.stat_table	DB and Table Name List	[DBNAME](SCHEMA,TABLENAME)vacuum count	Zabbix trapper		90	36	65 Enabled	The number of manual exection of "VACUUM" during an update interval in the target table (except "VACUUM FULL")
pg.stat_table	DB and Table Name List	[DBNAME](SCHEMA,TABLENAME)autovacuum count	Zabbix trapper		90	36	65 Enabled	The number of exection of "VACUUM" by autovaccum worker during an update interval in the target table
pg.stat_table	DB and Table Name List	[DBNAME](SCHEMA,TABLENAME)Garbage ratio %	Zabbix trapper		90	36	65 Enabled	The garbage rate (%) of the target table
po.stat table	DB and Table Name List	[DBNAME](SCHEMA,TABLENAME)heap cache hit ratio %	Zabbix trapper		90	36	65 Enabled	The cache hit rate (%) of reading table
po.stat table	DB and Table Name List	[DBNAME](SCHEMA,TABLENAME)idx cache hit ratio %	Zabbix trapper		90	36	65 Enabled	The cache hit rate ( % ) of reading table using indexes
pq.stat_table	DB and Table Name List	[DBNAME](SCHEMA,TABLENAME)number of sequencial scan (scans/s)	Zabbix trapper		90	36	65 Enabled	The mean number of times of sequential scans initiated on the table per second
pq.stat_table	DB and Table Name List	[DBNAME](SCHEMA,TABLENAME)number of sequencial tuples read (tuples/s)	Zabbix trapper		90	36	65 Enabled	The mean number of enable rows returned by sequential scan on the table per second
pg.stat_table	DB and Table Name List	[DBNAME](SCHEMA,TABLENAME)number of index scan (scans/s)	Zabbix trapper		90	36	65 Enabled	The mean number of times of index scans initiated on the table per second
pq.stat_table	DB and Table Name List	[DBNAME](SCHEMA,TABLENAME)number of index tuples read (tuples/s)	Zabbix trapper		90	36		The mean number of enable rows returned by index scan on the table per second
po.stat table	DB and Table Name List	IDBNAME1(SCHEMA,TABLENAME)number of dead tuples	Zabbix trapper		90		65 Enabled	The estimated number of dead rows
po.stat table	DB and Table Name List	IDBNAME1(SCHEMA,TABLENAME)number of live tuples	Zabbix trapper		90	36	65 Enabled	The estimated number of live rows
po.stat table	DB and Table Name List	[DBNAME](SCHEMA,TABLENAME)number of delete tuples (tuples/s)	Zabbix trapper		90	36	65 Enabled	The mean number of rows deleted per second
pq.stat_table	DB and Table Name List	[DBNAME](SCHEMA,TABLENAME)number of update tuples (tuples/s)	Zabbix trapper		90	36	65 Enabled	The mean number of rows updated per second
pg.stat_table	DB and Table Name List	[DBNAME](SCHEMA,TABLENAME)number of hot update tuples (tuples/s)	Zabbix trapper		90	36	65 Enabled	The mean number of rows HOT updated per second (i.e., with no separate index update required)
pg.stat_table	DB and Table Name List	[DBNAME](SCHEMA, TABLENAME) number of insert tuples (tuples/s)	Zabbix trapper		90	36	65 Enabled	The mean number of rows inserted per second
pg.stat_table	DB and Table Name List	[DBNAME](SCHEMA,TABLENAME)Table total size	Zabbix trapper		90	36	65 Enabled	The size of the target table (byte)
po.status		Number of postgres process	1 Zabbix agent	300	90	36	65 Disabled	The number of PostgreSQL server processes
pg.status		PostareSOL service is running	1 Zabbix agent	300	90	36	65 Enabled	The PostareSOL service check by executing a SOL query
pq.status		Primary Server	1 Zabbix agent	300	90	36	65 Enabled	This item checks whether the server status is primary
pq.status		Standby Server	Zabbix agent	300	90	36	65 Enabled	This item checks whether the server status is standby
24.0.000			out agent					



### pg monz Items list :Template App PostgreSQL SR

### Template App PostgreSQL SR

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Applications	шь	Items	Triggers Type	Interval	History	Trend	Istatus	Discription
pq.qet pq.qet		pgsql.get.pg.bgwriter pgsgl.get.pg.transactions	Zabbix agent Zabbix agent	300	90	36 36		Get the monitoring data for pg.bqwriter application items  Get the monitoring data for pg.transactions application items
pq.qet		pgsql.qet.pq.slow_query	Zabbix agent	300	90	36		Get the monitoring data for pg.transactions application items
pg.get	DB Name List	[DBNAME]pasql.get.pa.size	Zabbix agent	3600	90	36	5 Enabled	Get the monitoring data for policies application items. And this item is executed per DB
pg.get	DB Name List	[DBNAME]posol.get.pg.stat_database	Zabbix agent	3600	90	36	5 Disabled	Get the monitoring data for poistat database application items. And this item is executed per DB
pa.get	DB and Table Name List	[DBNAME](SCHEMA.TABLENAME)posql.get.pg.stat_table	Zabbix agent	3600	90	36 36	5 Disabled	Get the monitoring data for poistat table application items. And this item is executed per DB
pq.bgwriter pq.bgwriter		Buffers alloc  Buffers backend	Zabbix trapper Zabbix trapper	<del>                                     </del>	90	36		The number of allocated buffers per second  The number of buffers written directly by a backend per second
pg.bgwriter pg.bgwriter		Buffers backend fsync	Zabbix trapper Zabbix trapper	+	90	36		The number of times per second a backend had to execute its own fsync call
pg.bgwriter		Buffers_checkpoint	Zabbix trapper	1	90	36	5 Enabled	The number of buffers written per second during checkpoints
pa.bawriter		Buffers clean	Zabbix trapper		90	36	5 Enabled	The number of buffers written by the background writer per second
pa.bawriter		Checkpoint count (by checkpoint seaments)	1 Zabbix trapper		90	36	5 Enabled	The number of requested checkpoints that have been performed
pa.bawriter		Checkpoint count (by checkpoint timeout)	Zabbix trapper	<u> </u>	90	36	5 Enabled	The number of scheduled checkpoints that have been performed
pg.bgwriter pg.transactions		Maxwritten_clean Max connections	Zabbix trapper Zabbix trapper	1	90	36		The number of times per second the background writer stopped a cleaning scan because it had written too many buffers The number of times per second the background writer stopped a cleaning scan because it had written too many buffers
pg.transactions		Connections	1 Zabbix trapper	+	90	36		The total number of backend connections  The total number of backend connections
pg.transactions		Active (SOL processing) connections	Zabbix trapper		90	36	5 Enabled	The total number of backend connections durin execution of the SOL
pg.transactions		Idle connections	Zabbix trapper		90	36	5 Enabled	The total number of backend connections durin waiting for inquiries from client
po.transactions		Idle in transaction connections	Zabbix trapper		90	36 36		The total number of backend connections durin waiting for commands in the transaction
pq.transactions no.transactions		Lock waiting connections Total committed transactions	Zabbix trapper Zabbix trapper	1	90	36 36		The total number of backend connections durig waiting for locks in the transaction  The mean commitment number of times in a target server (tps)
pq.transactions pq.transactions	1	Total rolled back transactions		1	90	36		I ne mean commitment number of times in a target server (tps)  The mean rollback number of times in a target server (tps)  The mean rollback number of times in a target server (tps)
			Zabbix trapper Zabbix agent	1 .		50	Lindbicd	Messages including PANIC", "FANIC" or "ERROR" in PostgreSQL's log
pg.log		Log of /var/log/pgsql/postgresql*\.log	(active)	1	90	<u> </u>	Enabled	
pq.size	DB Name List	[DBNAME]Estimate DB Garbage ratio %	Zabbix trapper		90	36 36		The garbage rate (%) of the target DB
pa.size pa.slow query	DD Name LIST	[DBNAME]DB Size	1 Zabbix trapper	+	90	36	5 Enabled	The size of DB (byte)  The number of backend processes that takes long time to execute "UPDATE", "INSERT" or "DELETE"
pa.slow query		Slow dueries	1 Zabbix trapper	t	90	36	5 Fnabled	The number of backend processes that takes long time to execute queries  The number of backend processes that takes long time to execute queries.
pq.slow_query	<u> </u>	Slow select queries	Zabbix trapper		90	36	5 Enabled	The number of backed processes that takes into time to execute operies  The number of backed processes that takes into time to execute operies  The number of backed processes that takes into time to execute operies  The number of backed processes that takes into time to execute operies  The number of backed processes that takes into time to execute "SELECT"
pq.stat_database	DB Name List	[DBNAME]Cache hit ratio (%)	1 Zabbix trapper		90	36		The cache hit rate (%) of the target DB
pq.stat_database	DB Name List	[DBNAME]Active connections	Zabbix trapper		90	36		The number of connections that is executing SQL in the target DB
	DB Name List	[DBNAME]Deadlocks	1 Zabbix trapper		90	36 36		The number of deadlocks occurred during an update interval in the target DB
po.stat database	DB Name List DB Name List	IDBNAME/Tuples fetched	Zabbix trapper Zabbix trapper	+	90	36	Enabled	The number of rows fetched by queries in the target DB (tos)
po.stat database po.stat database	DB Name List	IDBNAME)Tuples returned IDBNAME)Tuples deleted	Zabbix trapper Zabbix trapper	1	90	36	5 Enabled	The number of rows returned by queries in the target DB (tos)  The number of rows deleted by queries in the target DB (tos)
pq.stat_database	DB Name List	[DBNAME]Tuples inserted	Zabbix trapper Zabbix trapper	1	90	36		The number of rows detected by queries in the target DB (tps)  The number of rows detected by queries in the target DB (tps)
pq.stat_database	DB Name List	[DBNAME]Tuples updated	Zabbix trapper		90	36		The number of rows updated by queries in the target DB (tps)
pg.stat_database	DB Name List	[DBNAME]Temp bytes	1 Zabbix trapper		90	36		The mean bytes of data written to temporary files by queries in the target DB (tps)
pq.stat_database	DB Name List	[DBNAME]Committed transactions	Zabbix trapper		90	36		The mean commitment number of times in a target DB (tps)
pg.stat database	DB Name List DB and Table Name List	IDBNAME1Rolled back transactions	Zabbix trapper	<u> </u>	90	36 36		The mean rollback number of times in a target DB (tos)
po.stat table	DB and Table Name List DB and Table Name List	[DBNAME](SCHEMA,TABLENAME)analyze count [DBNAME](SCHEMA,TABLENAME)autoanalyze count	Zabbix trapper Zabbix trapper	<del>                                     </del>	90	36	5 Enabled	The number of manual exection of "ANALYZE" during an update interval in the target table  The number of exection of "ANALYZE" by autovaccum worker during an update interval in the target table
pg.stat_table	DB and Table Name List	IDBNAME (SCHEMA, TABLENAME) vacuum count	Zabbix trapper Zabbix trapper	1	90	36	5 Enabled	The number of manual exection of "VACILIIM" during an undate interval in the target table (except "VACILIIM FILL")
pq.stat_table	DB and Table Name List	[DBNAME](SCHEMA, TABLENAME) autovacuum count	Zabbix trapper	1	90	36		The number of exection of "NACUM" by autovaccum worker during an update interval in the target table
pq.stat_table	DB and Table Name List	[DBNAME](SCHEMA,TABLENAME)Garbage ratio %	Zabbix trapper		90	36		The garbage rate (%) of the target table
pg.stat table	DB and Table Name List	IDBNAME1(SCHEMA,TABLENAME)heap cache hit ratio %	Zabbix trapper		90	36	5 Enabled	The cache hit rate ( % ) of reading table
pg.stat table	DB and Table Name List	[DBNAME](SCHEMA,TABLENAME)idx cache hit ratio %	Zabbix trapper		90	36	5 Enabled	The cache hit rate ( % ) of reading table using indexes
pg.stat table	DB and Table Name List	[DBNAME](SCHEMA.TABLENAME)number of sequencial scan (scans/s)	Zabbix trapper		90	36		The mean number of times of sequential scans initiated on the table per second
pq.stat_table	DB and Table Name List DB and Table Name List	[DBNAME](SCHEMA,TABLENAME)number of sequencial tuples read (tuples/s)	Zabbix trapper	<del>                                     </del>	90	36 36		The mean number of enable rows returned by sequential scan on the table per second
pq.stat_table pq.stat_table	DB and Table Name List	[DBNAME](SCHEMA,TABLENAME)number of index scan (scans/s) [DBNAME](SCHEMA,TABLENAME)number of index tuples read (tuples/s)	Zabbix trapper Zabbix trapper	1	90	36		The mean number of times of index scans initiated on the table per second  The mean number of enable rows returned by index scan on the table per second
pg.stat table	DB and Table Name List	[DBNAME](SCHEMA,TABLENAME)number of dead tuples	Zabbix trapper	1	90	36	5 Enabled	The retain number of lead rows
pg.stat table	DB and Table Name List	[DBNAME](SCHEMA,TABLENAME)number of live tuples	Zabbix trapper		90	36	5 Enabled	The estimated number of live rows
pq.stat_table	DB and Table Name List	[DBNAME](SCHEMA,TABLENAME)number of delete tuples (tuples/s)	Zabbix trapper		90	36	5 Enabled	The mean number of rows deleted per second
pg.stat_table pg.stat_table	DB and Table Name List DB and Table Name List	[DBNAME](SCHEMA,TABLENAME)number of update tuples (tuples/s)	Zabbix trapper	<b>!</b>	90	36 36		The mean number of rows updated per second
pq.stat_table pq.stat_table	DB and Table Name List	[DBNAME](SCHEMA,TABLENAME)number of hot update tuples (tuples/s) [DBNAME](SCHEMA,TABLENAME)number of insert tuples (tuples/s)	Zabbix trapper Zabbix trapper	1	90	36		The mean number of rows HOT updated per second (i.e., with no separate index update required) The mean number of rows inserted per second The mean number of rows inserted per second
pg.stat_table	DB and Table Name List	IDBNAMEI(SCHEMA,TABLENAME)Table total size	Zabbix trapper	1	90	36	5 Fnabled	The size of the target table (byte)
pg.status		Number of postares process	1 Zabbix agent	300	90	36	5 Disabled	The number of PostgreSQL server processes
pq.status		PostgreSQL service is running	1 Zabbix agent	300	90	36	5 Enabled	The PostgreSQL service check by executing a SQL query
pq.status		Primary Server	1 Zabbix agent	300	90	36		This item checks whether the server status is primary
pq.status	ļ	Standby Server	Zabbix agent	300 300	90	36 36		This item checks whether the server status is standby
pq.sr.qet nq.sr.qet	Streaming Replication Discavery	pgsql.get.pq.sr.status [MODE]pgsql.get.pq.stat_replication	Zabbix agent Zabbix agent	300	90	36	= Enabled	Get the monitoring data for pg.sr.status application items
no er etatue	Sucuring Replication Discavery	Number of wal receiver process	Zabbix agent Zahhix agent	300	90	36	5 Enabled	Get the monitoring data for po.stat replication application items  The number of walreceiver process
po.sr.status		Number of wal sender process	Zabbix agent	300	90	36		The number of wateverer process The number of wateverer process
				230				0:There is the probable that a write query is blocked
pg.sr.status	1	Not block write guery	1 Zabbiy trac		-00	36	5 Enabled	1:No write query is blocked
pg.sr.status	1	Not block write query	1 Zabbix trapper		90	36	benabled	*In asynchronous replication mode,this item always returns 1
								*If the target server is not primary,this item always returns 1
pq.sr.status	Streaming Replication DB Name List	[DBNAME]Bufferpin conflicts	Zabbix trapper		90	36		The number of queries in the database that have been canceled due to pinned buffers per second
pq.sr.status	Streaming Replication DB Name List Streaming Replication DB Name List	[DBNAME]Deadlock conflicts [DBNAME]Lock conflicts	Zabbix trapper		90	36 36		The number of queries in the database that have been canceled due to deadlocks per second
pq.sr.status nn.sr.status	Streaming Replication DB Name List Streaming Replication DB Name List	IDBNAME LOCK COnflicts  [DRNAME Spanish translicts	Zabbix trapper	+	90	36	5 Enabled	The number of queries in the database that have been canceled due to lock timeouts per second The number of queries in the database that have been canceled due to not sanshbots ner second
po.sr.status po.sr.status	Streaming Replication DB Name List	IDBNAME IS NABSHOT CONFLICTS  IDBNAME IT Ablsespace conflicts	Zabbix trapper Zabbix trapper	+	90	36	5 Enabled	The number of queries in the database that have been canceled due to do shabshots per second  The number of queries in the database that have been canceled due to do shabshots per second
								The flushed of openes in the database that have been cancered use to dropped tablestacks per second.  The flush delay time incurred by synchronous, commit = remote, flush on synchronous standby server.
pg.stat_replication	Streaming Replication Status Discavery	[slave-IP]flush_lag	Zabbix trapper	1	90	36	5 Disabled	**Only PostgreSQL 10 or later
pg.stat_replication	Streaming Replication Status Discavery	[slave-IP]replaying delay (bytes)	Zabbix trapper		90	36	5 Enabled	The Quantity of recovery delay between the master and the standby (byte) *It is acquired only in a master node
pq.stat_replication	Streaming Replication Status Discavery	[slave-IP]replay_lag	Zabbix trapper		90	36	5 Disabled	The recovery delay time incurred by synchronous_commit = remote_apply on synchronous standby server
								*Only PostgreSQL 10 or later Priority of standby server
pg.stat_replication	Streaming Replication Status Discavery	[slave-IP]sync_priority	Zabbix trapper		90	36	5 Enabled	One or more than 1:synchronous node 0:asynchtonous node
pq.stat_replication	Streaming Replication Status Discavery	[slave-IP]sync_state	Zabbix trapper		90	36	5 Enabled	Synchronous state of standby server
pg.stat_replication	Streaming Replication Status Discavery	[slave-IP]write_lag	Zabbix trapper		90	36	5 Disabled	The write delay time incurred by synchronous_commit = remote_write on synchronous standby server
P3repression			Edoor Gapper				. Disabled	*Only PostqreSQL 10 or later
pg.stat_replication	Streaming Replication Status Discavery	[slave-IP]writing delay (bytes)	Zabbix trapper		90	36	5 Enabled	The Quantity of write delay between the master and the standby (byte)
				1				*It is returned only in a master node



# pg monz Items list :Template App pgpool-II

### Template App pgpool-II

Applications	LLD	Items	Triggers Type	Interval	History	Trend	Default	Discription
pgpool.get		pgpool.get.cache	Zabbix agent	300	90	36	5 Disabled	Get the monitoring data for papool.cache application items
pgpool.get		papool.get.connections	Zabbix agent	300	90	36	5 Enabled	Get the monitoring data for popool connections application items
pgpool.get	pgpool-II backend Discovery	[{#MODE}] pgpool.get.nodes	Zabbix agent	300	90	36	5 Enabled	Get the monitoring data for papool nodes application items
papool.cache		cache hit ratio %	Zabbix trapper		90	36	5 Enabled	The cache hit rate (%)
papool.cache		Number of cache hit counts	Zabbix trapper		90	36	5 Enabled	The number of searches that made a hit to cache
papool.cache		Number of select counts	Zabbix trapper		90	36	5 Enabled	The number that did not make a hit to cache
pgpool.cache		Number of hash entries	Zabbix trapper		90	36	5 Enabled	The maximum number of the cache that can be entried
pgpool.cache		Number of used hash entries	Zabbix trapper		90	36	5 Enabled	The number of used cache
pgpool.cache		Number of cache entries	Zabbix trapper		90	36	5 Enabled	The number of the cache that is entried, and it matches the item "Number of used hash entries"
pgpool.cache		Used cache entries size	Zabbix trapper		90	36	5 Enabled	The total size of used cache (byte)
papool.cache		Free cache entries size	Zabbix trapper		90	36	5 Enabled	The total size of the cache that is unused or reusable (byte)
papool.cache		Fragment cache entries size	Zabbix trapper		90	36	5 Enabled	The total size of the cache that is fragment and unusable in spite of free mamory space (byte)
papool.connections		Number of backend connections	Zabbix trapper		90	36	5 Enabled	The number of backend connections
pgpool.connections		Number of frontend available connections	Zabbix trapper		90	36	5 Enabled	The number of frontend connections that is available
pgpool.connections		Number of frontend max connections	Zabbix trapper		90	36	5 Enabled	The upper limit of the number of frontend connections
pgpool.connections		Number of frontend used connections	Zabbix trapper		90	36	5 Enabled	The number of the used frontend connections
pgpool.log		Log of /var/log/pgpool/pgpool*\.log	Zabbix agent (active)	1	90		Enabled	Messages including "PANIC","FATAL" or "ERROR" in pgpool-II's log
pgpool.nodes	pgpool-II backend Status Discovery	[ID_0_BACKEND-IP_BACKEND-PORT] Backend role	Zabbix trapper		90	36	5 Enabled	The role of backend nodes (primary or standby)
pgpool.nodes	pgpool-II backend Status Discovery	[ID_0_BACKEND-IP_BACKEND-PORT] Backend status	1 Zabbix trapper		90	36	5 Enabled	The status of backend nodes 1: running(not connentions) 2: running(with connections)
pgpool.nodes	pgpool-II backend Status Discovery	[ID_0_BACKEND-IP_BACKEND-PORT] Backend weight	Zabbix trapper		90	36	5 Enabled	The load balance weight per backend node
pgpool.status		pqpool-II delegate_ip is exists	1 Zabbix agent	300	90	36	5 Enabled	I show effective / invalidity of the virtual IP
pgpool.status		pgpool-II service is running	1 Zabbix agent	300	90	36	5 Enabled	The service operation confirmation of pgpool-II service that determined by replay presence from SQL *Even if when all the backend nodes are downed, pgpool-II's status becomes "Down(0)"
papool.status		Number of papool process	Zabbix agent	300	90	36	5 Disabled	The process operation confirmation of popool-II server



## pg monz Items list :Template App pgpool-II-36

### Template App pgpool-II

Applications	LLD	Items	Triggers Type	Interval	History	Trend	Default	Discription
pgpool.get		pqpool.qet.cache	Zabbix agent	300	90	365	Disabled	Get the monitoring data for pgpool.cache application items
pgpool.get		pqpool.qet.connections	Zabbix agent	300	90	365	Enabled	Get the monitoring data for pgpool.connections application items
pgpool.get	pgpool-II backend Discovery	[{#MODE}] pgpool.qet.nodes	Zabbix agent	300	90	365	Enabled	Get the monitoring data for pgpool.nodes application items
papool.cache		cache hit ratio %	Zabbix trapper		90	365	cilabled	The cache hit rate (%)
papool.cache		Number of cache hit counts	Zabbix trapper		90	365	cilabled	The number of searches that made a hit to cache
papool.cache		Number of select counts	Zabbix trapper		90	365	Enabled	The number that did not make a hit to cache
pgpool.cache		Number of hash entries	Zabbix trapper		90	365	Enabled	The maximum number of the cache that can be entried
pgpool.cache		Number of used hash entries	Zabbix trapper		90	365	Enabled	The number of used cache
pgpool.cache		Number of cache entries	Zabbix trapper		90	365	Enabled	The number of the cache that is entried, and it matches the item "Number of used hash entries"
pgpool.cache		Used cache entries size	Zabbix trapper		90	365	Enabled	The total size of used cache (byte)
papool.cache		Free cache entries size	Zabbix trapper		90	365	Enabled	The total size of the cache that is unused or reusable (byte)
papool.cache		Fragment cache entries size	Zabbix trapper		90	365	Enabled	The total size of the cache that is fragment and unusable in spite of free mamory space (byte)
papool.connections		Number of backend connections	Zabbix trapper		90	365	Enabled	The number of backend connections
pgpool.connections		Number of frontend available connections	Zabbix trapper		90	365	Enabled	The number of frontend connections that is available
pgpool.connections		Number of frontend max connections	Zabbix trapper		90	365		The upper limit of the number of frontend connections
pgpool.connections		Number of frontend used connections	Zabbix trapper		90	365	Enabled	The number of the used frontend connections
pgpool.log		Log of /var/log/pgpool/pgpool*\.log	Zabbix agent (active)	1	90		Enabled	Messages including "PANIC", "FATAL" or "ERROR" in pgpool-II's log
pgpool.nodes	pgpool-II backend Status Discovery	[ID_0_BACKEND-IP_BACKEND-PORT] Backend role	Zabbix trapper		90	365	Enabled	The role of backend nodes (primary or standby)
pgpool.nodes	pgpool-II backend Status Discovery	[ID_0_BACKEND-IP_BACKEND-PORT] Backend status	1 Zabbix trapper		90	365	Enabled	The status of backend nodes   (waitingspool-II 3.6 or later): running(no connentions)   2(up:pgpool-II 3.6 or later): running(with connections)
pgpool.nodes	pgpool-II backend Status Discovery	[ID_0_BACKEND-IP_BACKEND-PORT] Backend weight	Zabbix trapper		90	365	Enabled	The load balance weight per backend node
pgpool.nodes	pgpool-II backend Status Discovery	[ID_0_BACKEND-IP_BACKEND-PORT] Backend replication delay	Zabbix trapper		90	365	Enabled	Replication delay of backend nodes
popool.status		papool-II delegate ip is exists	1 Zabbix agent	300	90	365	Enabled	I show effective / invalidity of the virtual IP
pgpool.status	·	pgpool-II service is running	1 Zabbix agent	300	90	365	Enabled	The service operation confirmation of pgpool-II service that determined by replay presence from SQL *Even if when all the backend nodes are downed, pgpool-II's status becomes "Down(0)"
popool.status		Number of papool process	Zabbix agent	300	90	365	Disabled	The process operation confirmation of popool-II server



### pg monz Items list :Template App pgpool-II watchdog & Template App PostgreSQL SR Cluster

### Template App pgpool-II watchdog

Applications	LLD	Items	Triggers	Туре	Interval	History	Trends Sta	fault stus	Discription
pgpool.watchdog		Number of delegate ip	2	Zabbix aggregate	300	90	365 Ena	abled	The total number of delegate IPs in the cluster
papool,watchdog		Number of running papool-II server	1	Zabbix aggregate	300	90	365 Ena	abled	The total number of running papool-II services in the cluster

#### Template App PostgreSQL SR Cluster

Applications	LLD	Items	Triggers	Туре	Interval	History	Trends Ctatus	Discription
pg.cluster.status		Number of primary server	2	Zabbix aggregate	300	90	365 Enable	The total number of primary nodes in the cluster
pq.cluster.status		Number of running PostgreSQL server	1	Zabbix aggregate	300	90	365 Enable	The total number of running PostgreSQL service in the cluster
ng cluster status		Number of standby server		Zahhix aggregate	300	90	365 Enable	The total number of standby nodes in the cluster