

Template App Post	greSQL								
Applications	LLD	Items	Triggers	Туре	Interval	History	Trends	Default status	Discription
pg.get		pgsql.get.pg.bgwriter		Zabbix agent	60	90		Disabled	Get the monitoring data for pg.bgwriter application items
pg.get		pgsql.get.pg.transactions		Zabbix agent	300	90		Enabled	Get the monitoring data for pg.transactions application items
pg.get	DD Name 12st	pgsql.get.pg.slow_query		Zabbix agent	300 3600	90 90		Enabled	Get the monitoring data for pg.slow_query application items
pg.get pg.get	DB Name List DB Name List	[DBNAME]pgsql.get.pg.size [DBNAME]pgsql.get.pg.stat_database		Zabbix agent Zabbix agent	3600	90			Get the monitoring data for pg.size application items. And this item is executed per DB  Get the monitoring data for pg.stat_database application items. And this item is executed per DB
pg.get pg.get	DB and Table Name List	[DBNAME](SCHEMA,TABLENAME)pgsql.get.pg.stat_table		Zabbix agent	3600	90			Get the monitoring data for pg.stat_table application items. And this item is executed per DB
pg.get pg.bgwriter	DB and Table Name List	Buffers alloc		Zabbix trapper	3000	90			The number of allocated buffers per second
pg.bgwriter		Buffers backend		Zabbix trapper	1 1	90			The number of buffers written directly by a backend per second
pg.bgwriter		Buffers backend fsync		Zabbix trapper	1 1	90			The number of times per second a backend had to execute its own fsync call
pg.bgwriter		Buffers_checkpoint		Zabbix trapper		90	365	Enabled	The number of buffers written per second during checkpoints
pg.bgwriter		Buffers_clean		Zabbix trapper		90		Enabled	The number of buffers written by the background writer per second
pg.bgwriter		Checkpoint count (by checkpoint_segments)	1	Zabbix trapper	1	90		Enabled	The number of requested checkpoints that have been performed
pg.bgwriter		Checkpoint count (by checkpoint_timeout)		Zabbix trapper		90		Enabled	The number of scheduled checkpoints that have been performed
pg.bgwriter pg.transactions		Maxwritten_clean Max connections		Zabbix trapper	-	90	365	Enabled	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 writen too many buffers
pg. transactions pg. transactions		Connections	1	Zabbix trapper Zabbix trapper	+ +	90 90	365 365	Enabled	The number of times per second the background writer stopped a cleaning scan because it had written too many buffers  The total number of backend connections
pg.transactions		Active (SQL processing) connections	- '	Zabbix trapper	1	90		Enabled	The total number of backend connections durig execution of the SQL.  The total number of backend connections durig execution of the SQL.
pg.transactions		Idle connections		Zabbix trapper	+ +	90			The total number of backend connections durig waiting for inquiries from client
pg.transactions		Idle in transaction connections		Zabbix trapper	1	90			The total number of backend connections durin waiting for commands in the transaction
pg.transactions		Lock waiting connections		Zabbix trapper		90			
pg.transactions		Total committed transactions		Zabbix trapper	i	90			
pg.transactions		Total rolled back transactions		Zabbix trapper		90	365	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		Enabled	The garbage rate (%) of the target DB
pg.size	DB Name List	[DBNAME]DB Size	1	Zabbix trapper	1	90		Enabled	The size of DB (byte)
pg.slow_query		Slow DML queries		Zabbix trapper		90		Enabled	The number of backend processes that takes long time to execute "UPDATE", "INSERT" or "DELETE"
pg.slow_query		Slow queries	1	Zabbix trapper		90			The number of backend processes that takes long time to execute queries
pg.slow_query pg.stat_database	DD Names Link	Slow select queries	1	Zabbix trapper	_	90 90			The number of backend processes that takes long time to execute "SELECT"
pg.stat_database	DB Name List DB Name List	[DBNAME]Cache hit ratio (%) [DBNAME]Active connections	-	Zabbix trapper Zabbix trapper	+ +	90			The cache hit rate (%) of the target DB  The number of connections that is executing SQL in the target DB
pg.stat_database	DB Name List	[DBNAME]Deadlocks	1	Zabbix trapper	1	90			The number of deadlocks occurred during an update interval in the target DB
pg.stat_database	DB Name List	[DBNAME]Tuples fetched	<del>- '</del>	Zabbix trapper Zabbix trapper	1 1	90			The number of rows fetched by queries in the target DB (tps)
pg.stat_database	DB Name List	[DBNAME]Tuples returned		Zabbix trapper	1 1	90			
pg.stat_database	DB Name List	[DBNAME]Tuples deleted		Zabbix trapper	1 1	90	365	Enabled	The number of rows deleted by queries in the target DB (tps)
pg.stat_database	DB Name List	[DBNAME]Tuples inserted		Zabbix trapper		90			
pg.stat_database	DB Name List	[DBNAME]Tuples updated		Zabbix trapper		90			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			The mean bytes of data written to temporary files by queries in the target DB (tps)
pg.stat_database	DB Name List	[DBNAME]Committed transactions		Zabbix trapper		90			The mean commitment number of times in a target DB (tps)
pg.stat_database	DB Name List DB and Table Name List	[DBNAME]Rolled back transactions		Zabbix trapper	-	90		Enabled	The mean rollback number of times in a target DB (tps) The mean replaced repeated exercise of "MAN YAT" during a undate integral in the target table.
pg.stat_table pg.stat_table	DB and Table Name List	[DBNAME](SCHEMA,TABLENAME)analyze count [DBNAME](SCHEMA,TABLENAME)autoanalyze count		Zabbix trapper Zabbix trapper	+ +	90	365 365	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	[DBNAME](SCHEMA, TABLENAME)vacuum count		Zabbix trapper	1	90	365		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	1 1	90	365		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	365		The garbage rate (%) of the target table
pg.stat_table	DB and Table Name List	[DBNAME](SCHEMA, TABLENAME) heap cache hit ratio %		Zabbix trapper	1 1	90			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	365	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	365	Enabled	The mean number of times of sequential scans initiated on the table per second
pg.stat_table	DB and Table Name List	[DBNAME](SCHEMA, TABLENAME) number of sequencial tuples read (tuples/s)		Zabbix trapper		90	365	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	365	Enabled	The mean number of times of index scans initiated on the table per second
pg.stat_table	DB and Table Name List	[DBNAME](SCHEMA, TABLENAME) number of index tuples read (tuples/s)		Zabbix trapper		90	365	Enabled	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		90	365	Enabled	The estimated number of dead rows
pg.stat_table	DB and Table Name List	[DBNAME](SCHEMA, TABLENAME) number of live tuples		Zabbix trapper		90	365	Enabled	The estimated number of live rows
pg.stat_table	DB and Table Name List	[DBNAME](SCHEMA, TABLENAME) number of delete tuples (tuples/s)		Zabbix trapper		90	365	Enabled	The mean number of rows deleted per second
pg.stat_table	DB and Table Name List	[DBNAME](SCHEMA, TABLENAME) number of update tuples (tuples/s)		Zabbix trapper		90	365	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	365	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	365	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	1	90	365	Enabled	The size of the target table (byte)
pg.status		Number of postgres process	1	Zabbix agent	300	90	365	Disabled	The number of PostgreSQL server processes
pg.status		PostgreSQL service is running	1	Zabbix agent	300	90	365	Enabled	The PostgreSQL service check by executing a SQL query
pg.status		Primary Server	1	Zabbix agent	300	90			This item checks whether the server status is primary
pg.status		Standby Server		Zabbix agent	300	90	365	Enabled	This item checks whether the server status is standby



Template App Postg Applications	LLD	Items	Triggers Type	Interval I	History	Trends	Default	Discription
							status	
pg.get pg.get		pgsql.get.pg.bgwriter pgsql.get.pg.transactions	Zabbix agent Zabbix agent	300	90 90			Get the monitoring data for pg.bgwriter application items  Get the monitoring data for pg.transactions application items
og.get		pgsql.get.pg.transactions pgsql.get.pg.slow_query	Zabbix agent	300	90			Oct the monitoring data for pg.disnactions application items  Get the monitoring data for pg.disnactions application items
pg.get	DB Name List	[DBNAME]pgsql.get.pg.size	Zabbix agent	3600	90			Get the monitoring data for pg.size application items. And this item is executed per DB
pg.get	DB Name List	[DBNAME]pgsql.get.pg.stat_database	Zabbix agent	3600	90			Get the monitoring data for pg.stat_database application items.And this item is executed per DB
pg.get pg.bgwriter	DB and Table Name List	[DBNAME](SCHEMA, TABLENAME)pgsql.get.pg.stat_table Buffers alloc	Zabbix agent Zabbix trapper	3600	90 90			Get the monitoring data for pg.stat_table application items. And this item is executed per DB  The number of allocated buffers per second
pg.bgwriter pg.bgwriter		Buffers_backend	Zabbix trapper	1	90	365	Fnabled	The number of buffers written directly by a backend per second
pg.bgwriter		Buffers_backend_fsync	Zabbix trapper		90		Enabled	The number of times per second a backend had to execute its own fsync call
pg.bgwriter		Buffers_checkpoint	Zabbix trapper		90	365	Enabled	The number of buffers written per second during checkpoints
pg.bgwriter		Buffers_clean Checkpoint count (by checkpoint_segments)	Zabbix trapper 1 Zabbix trapper	-	90 90			The number of buffers written by the background writer per second  The number of requested checkpoints that have been performed
pg.bgwriter pg.bgwriter		Checkpoint count (by checkpoint_segments)  Checkpoint count (by checkpoint timeout)	Zabbix trapper	1	90			The number of scheduled checkpoints that have been performed  The number of scheduled checkpoints that have been performed
pg.bgwriter		Maxwritten_clean	Zabbix trapper		90	365	Enabled	The number of times per second the background writer stopped a cleaning scan because it had written too many buffers
pg.transactions		Max connections	Zabbix trapper		90			The number of times per second the background writer stopped a cleaning scan because it had written too many buffers
pg.transactions		Connections Active (SQL processing) connections	1 Zabbix trapper Zabbix trapper		90 90			The total number of backend connections  The total number of backend connections durig execution of the SQL
pg.transactions pg.transactions		Idle connections	Zabbix trapper	<del>                                     </del>	90		Lilabioa	The total number of backend connections durig execution or time and the connections durig
pg.transactions		Idle in transaction connections	Zabbix trapper		90			The total number of backend connections durig waiting for commands in the transaction
pg.transactions		Lock waiting connections	Zabbix trapper		90			The total number of backend connections durig waiting for locks in the transaction
pg.transactions		Total committed transactions	Zabbix trapper	<del>                                     </del>	90 90			The mean commitment number of times in a target server (tps)
pg.transactions		Total rolled back transactions	Zabbix trapper Zabbix agent				Enabled	The mean rollback number of times in a target server (tps)
pg.log		Log of /var/log/pgsql/postgresql*\.log	(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		Enabled	The garbage rate (%) of the target DB
pg.size	DB Name List	[DBNAME]DB Size	1 Zabbix trapper	oxdot	90			The size of D8 (byte)
pg.slow_query		Slow DML queries Slow queries	Zabbix trapper		90 90		Enabled Enabled	The number of backend processes that takes long time to execute "UPDATE", "INSERT" or "DELETE"  The number of backend processes that takes long time to execute queries
pg.slow_query pg.slow_query		Slow select queries	1 Zabbix trapper Zabbix trapper	<del>                                     </del>	90			The number of backend processes that takes long time to execute "SELECT"  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	<u>                                      </u>	90		Enabled	The cache hit rate (%) of the target DB
pg.stat_database	DB Name List	[DBNAME]Active connections	Zabbix trapper		90			The number of connections that is executing SQL in the target DB
pg.stat_database	DB Name List	[DBNAME]Deadlocks	1 Zabbix trapper		90 90		Enabled Enabled	The number of deadlocks occurred during an update interval in the target DB  The number of rows fotbod by queries in the target DB (tree).
pg.stat_database pg.stat_database	DB Name List DB Name List	[DBNAME]Tuples fetched [DBNAME]Tuples returned	Zabbix trapper Zabbix trapper	+ +	90			The number of rows fetched by queries in the target DB (tps)  The number of rows returned by queries in the target DB (tps)
pg.stat_database	DB Name List	[DBNAME]Tuples deleted	Zabbix trapper	1	90			The number of rows deleted by queries in the target DB (tps)
pg.stat_database	DB Name List	[DBNAME]Tuples inserted	Zabbix trapper		90	000		The number of rows inserted by queries in the target DB (tps)
pg.stat_database	DB Name List	[DBNAME]Tuples updated	Zabbix trapper		90			The number of rows updated by queries in the tarqet DB (tps)
pg.stat_database pg.stat database	DB Name List DB Name List	[DBNAME]Temp bytes [DBNAME]Commited transactions	1 Zabbix trapper Zabbix trapper		90 90		Enabled	The mean bytes of data written to temporary files by queries in the target DB (tps)  The mean commitment number of times in a target DB (tps)
pg.stat_database	DB Name List	[DBNAME]Rolled back transactions	Zabbix trapper	1	90			The mean rollback number of times in a target DB (tps)  The mean rollback number of times in a target DB (tps)
pg.stat_table	DB and Table Name List	[DBNAME](SCHEMA, TABLENAME) analyze count	Zabbix trapper		90			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		Lilabioa	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 90			The number of manual exection of "VACUUM" during an update interval in the target table (except "VACUUM FULL")
pg.stat_table pg.stat_table	DB and Table Name List DB and Table Name List	[DBNAME](SCHEMA,TABLENAME)autovacuum count [DBNAME](SCHEMA,TABLENAME)Garbage ratio %	Zabbix trapper Zabbix trapper		90			The number of exection of "VACUUM" by autovaccum worker during an update interval in the target table  The garbage rate (%) of the target table
pg.stat_table	DB and Table Name List	[DBNAME](SCHEMA, TABLENAME)heap cache hit ratio %	Zabbix trapper		90			The gabbale fit rate (%) of reading table
pg.stat_table	DB and Table Name List	[DBNAME](SCHEMA, TABLENAME) idx cache hit ratio %	Zabbix trapper		90	365	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	Zabbix trapper		90	365	Enabled	The mean number of times of sequential scans initiated on the table per second
		(scans/s) [DBNAME](SCHEMA, TABLENAME) number of sequencial tuples	1			<del> </del>	1	1
pg.stat_table	DB and Table Name List	read (tuples/s)	Zabbix trapper		90	365	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	365	Enabled	The mean number of times of index scans initiated on the table per second
pg.stat_table	DB and Table Name List	[DBNAME](SCHEMA, TABLENAME) number of index tuples read	Zabbix trapper		90	365	Enabled	The mean number of enable rows returned by index scan on the table per second
pg.stat_table	DB and Table Name List	(tuples/s) [DBNAME](SCHEMA,TABLENAME)number of dead tuples	Zabbix trapper	<del>                                     </del>	90			The estimated number of dead rows
pg.stat_table	DB and Table Name List	[DBNAME](SCHEMA, TABLENAME) number of live tuples	Zabbix trapper		90			The estimated number of live rows
	DB and Table Name List	[DBNAME](SCHEMA, TABLENAME) number of delete tuples	Zabbix trapper	i i	90	365	Enabled	The mean number of rows deleted per second
pg.stat_table	DB and Table Name List	(tuples/s)	Zabbix trapper		70	300	Lilabieu	The mean number of rows deleted per second
pg.stat_table	DB and Table Name List	[DBNAME](SCHEMA, TABLENAME) number of update tuples (tuples/s)	Zabbix trapper		90	365	Enabled	The mean number of rows updated per second
		[DBNAME](SCHEMA, TABLENAME) number of hot update tuples		<del>                                     </del>				
pg.stat_table	DB and Table Name List	(tuples/s)	Zabbix trapper		90	365	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	Zabbix trapper		90	365	Enabled	The mean number of rows inserted per second
		(tuples/s)						,
pg.stat_table pg.status	DB and Table Name List	[DBNAME](SCHEMA, TABLENAME) Table total size  Number of postgres process	Zabbix trapper 1 Zabbix agent	300	90 90			The size of the target table (byte) The number of PostgreSQL server processes
pg.status		PostgreSQL service is running	1 Zabbix agent	300	90			The hostgreSQL service check by executing a SQL query
pg.status		Primary Server	1 Zabbix agent	300 300	90			This item checks whether the server status is primary
pg.status		Standby Server	Zabbix agent		90			This item checks whether the server status is standby
pg.sr.get	Streaming Replication Discavery	pgsql.get.pg.sr.status [MODE]pgsql.get.pg.stat_replication	Zabbix agent	300 300	90 90			Get the monitoring data for pg.sr.status application items  Get the monitoring data for pg.stat_replication application items
pg.sr.get pg.sr.status	Streaming replication discavery	Number of wal receiver process	Zabbix agent Zabbix agent	300	90			Get the monitoring data for pg.stat_replication application items  The number of walreceiver process
pg.sr.status		Number of wal sender process	Zabbix agent	300	90			The number of walsender process
								0: There is the probable that a write query is blocked
pg.sr.status		Not block write query	1 Zabbix trapper		90	365	Enabled	1:No write query is blocked
								*In asynchronous replication mode, this item always returns 1
				<u>                                      </u>				Wife the target conver is not primary this item always returns 1
pg.sr.status	Streaming Replication DB Name List	[DBNAME]Bufferpin conflicts	Zabbix trapper	oxdot	90			The number of queries in the database that have been canceled due to pinned buffers per second
pg.sr.status pg.sr.status	Streaming Replication DB Name List Streaming Replication DB Name List	[DBNAME]Deadlock conflicts [DBNAME]Lock conflicts	Zabbix trapper Zabbix trapper	1	90 90			The number of queries in the database that have been canceled due to deadlocks per second  The number of queries in the database that have been canceled due to lock timeouts per second
pg.sr.status pg.sr.status	Streaming Replication DB Name List Streaming Replication DB Name List	[DBNAME]Snapshot conflicts	Zabbix trapper Zabbix trapper	<del>                                     </del>	90			The number of queries in the database that have been canceled due to lock timedus per second  The number of queries in the database that have been canceled due to old snapshots per second
pg.sr.status	Streaming Replication DB Name List	[DBNAME] Tablsespace conflicts	Zabbix trapper		90			The number of queries in the database that have been canceled due to dropped tablespaces per second
pg.stat_replication	Streaming Replication Status Discavery	[slave-IP]replaying delay (bytes)	Zabbix trapper		90		Enabled	The Quantity of recovery delay between the master and the standby (byte)
ra.statopiication	g represents states biscavery	[2-2-2 // Joping Goody (Gyros)	Zazzik irappei		,0	1 300	abicu	XII is acquired only in a master node mile provided only in a master node
		İ	1 1	1			.l	One or more than 1:synchronous node
ng stat rorlination	Strooming Donlingtion Status Discours	[clave ID]cype priority	7.0hk! t					
pg.stat_replication	Streaming Replication Status Discavery	[slave-IP]sync_priority	Zabbix trapper		90	365	Enabled	0. asynchtonous node
pg.stat_replication	Streaming Replication Status Discavery	[slave-IP]sync_priority	Zabbix trapper		90	365	Enabled	
pg.stat_replication pg.stat_replication	Streaming Replication Status Discavery Streaming Replication Status Discavery	[slave-IP]sync_priority [slave-IP]writing delay (bytes)	Zabbix trapper  Zabbix trapper		90		Enabled Enabled	

Template	Ann	nanool-11

Applications LLD	Items	Triggers	Туре	Interval	History T	rends Default status	Discription
pgpool.get	pgpool.get.cache		Zabbix agent	300	90	365 Disabled	Get the monitoring data for pgpool.cache application items
pgpool.get	pgpool.get.connections		Zabbix agent	300	90	365 Enabled	Get the monitoring data for pgpool.connections application items
pgpool.get pgpool-II backend Discavery	[{#MODE}] pgpool.get.nodes		Zabbix agent	300	90	365 Enabled	Get the monitoring data for pgpool.nodes application items
pgpool.cache	cache hit ratio %		Zabbix trapper		90	365 Enabled	The cache hit rate (%)
pgpool.cache	Number of cache hit counts		Zabbix trapper		90	365 Enabled	The number of searches that made a hit to cache
pgpool.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)
pgpool.cache	Free cache entries size		Zabbix trapper		90	365 Enabled	The total size of the cache that is unused or reusable (byte)
pgpool.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)
pgpool.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 Enabled	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 Discavery	[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 Discavery	[ID_0_BACKEND-IP_BACKEND-PORT] Backend status	1	Zabbix trapper		90	365 Enabled	The status of backend nodes  1: running(no connentions)  2: running(with connections)  3: the node is down
pgpool.nodes pgpool-II backend Status Discavery	[ID_O_BACKEND-IP_BACKEND-PORT] Backend weight		Zabbix trapper		90	365 Enabled	The load balance weight per backend node
pgpool.status	pgpool-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		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)"
pgpool.status	Number of pgpool process		Zabbix agent	300	90	365 Disabled	The process operation confirmation of pgpool-II server



## pg\_monz I tems list :Template App pgpool-II watchdog & Template App PostgreSQL SR Cluster

Template App pgpool-II watchdog

Applications LLD	Items	Triggers	Туре	Interval	History	Trends st	efault atus	Discription
pgpool.watchdog	Number of delegate ip	2	Zabbix aggregate	300	90	365 Er	nabled	The total number of delegate IPs in the cluster
pgpool.watchdog	Number of running pgpool-II server	1	Zabbix aggregate	300	90	365 Er	nabled	The total number of running papool-II services in the cluster

Template App PostgreSQL SR Cluster

Applications	LLD	Items	Triggers Type	Interval	History	Trends Default status	Discription
pg.cluster.status		Number of primary server	2 Zabbix aggregate	300	90	365 Enabled	The total number of primary nodes in the cluster
pg.cluster.status		Number of running PostgreSQL server	1 Zabbix aggregate	300	90	365 Enabled	The total number of running PostgreSQL service in the cluster
pg.cluster.status		Number of standby server	Zabbix aggregate	300	90	365 Enabled	The total number of standby nodes in the cluster