# This is a configuration file for Zabbix proxy daemon

# To get more information about Zabbix, visit http://www.zabbix.com

############ GENERAL PARAMETERS #################

### Option: ProxyMode

# Proxy operating mode.

# 0 - proxy in the active mode

# 1 - proxy in the passive mode

#

# Mandatory: no

# Default:

ProxyMode=0

### Option: Server

# IP address (or hostname) of Zabbix server.

# Active proxy will get configuration data from the server.

# For a proxy in the passive mode this parameter will be ignored.

#

# Mandatory: yes (if ProxyMode is set to 0)

# Default:

# Server=

Server=10.45.129.32

### Option: ServerPort

# Port of Zabbix trapper on Zabbix server.

# For a proxy in the passive mode this parameter will be ignored.

#

# Mandatory: no

# Range: 1024-32767

# Default:

#ServerPort=10051

### Option: Hostname

# Unique, case sensitive Proxy name. Make sure the Proxy name is known to the server!

# Value is acquired from HostnameItem if undefined.

#

# Mandatory: no

# Default:

# Hostname=

Hostname=RSB-ISPMOSPRX7

### Option: HostnameItem

# Item used for generating Hostname if it is undefined.

# Ignored if Hostname is defined.

#

# Mandatory: no

# Default:

# HostnameItem=system.hostname

### Option: ListenPort

# Listen port for trapper.

#

# Mandatory: no

# Range: 1024-32767

# Default:

# ListenPort=10051

### Option: SourceIP

# Source IP address for outgoing connections.

#

# Mandatory: no

# Default:

# SourceIP=

### Option: LogType

# Specifies where log messages are written to:

# system - syslog

# file - file specified with LogFile parameter

# console - standard output

#

# Mandatory: no

# Default:

# LogType=file

### Option: LogFile

# Log file name for LogType 'file' parameter.

#

# Mandatory: no

# Default:

# LogFile=

LogFile=/var/log/zabbix/zabbix\_proxy.log

### Option: LogFileSize

# Maximum size of log file in MB.

# 0 - disable automatic log rotation.

#

# Mandatory: no

# Range: 0-1024

# Default:

# LogFileSize=1

LogFileSize=0

### Option: DebugLevel

# Specifies debug level:

# 0 - basic information about starting and stopping of Zabbix processes

# 1 - critical information

# 2 - error information

# 3 - warnings

# 4 - for debugging (produces lots of information)

# 5 - extended debugging (produces even more information)

#

# Mandatory: no

# Range: 0-5

# Default:

DebugLevel=3

### Option: PidFile

# Name of PID file.

#

# Mandatory: no

# Default:

# PidFile=/tmp/zabbix\_proxy.pid

PidFile=/var/run/zabbix/zabbix\_proxy.pid

### Option: DBHost

# Database host name.

# If set to localhost, socket is used for MySQL.

# If set to empty string, socket is used for PostgreSQL.

#

# Mandatory: no

# Default:

# DBHost=localhost

### Option: DBName

# Database name.

# For SQLite3 path to database file must be provided. DBUser and DBPassword are ignored.

# Warning: do not attempt to use the same database Zabbix server is using.

#

# Mandatory: yes

# Default:

# DBName=

DBName=zabbix\_proxy

### Option: DBSchema

# Schema name. Used for IBM DB2 and PostgreSQL.

#

# Mandatory: no

# Default:

# DBSchema=

### Option: DBUser

# Database user. Ignored for SQLite.

#

# Default:

# DBUser=

DBUser=zabbix

### Option: DBPassword

# Database password. Ignored for SQLite.

# Comment this line if no password is used.

#

# Mandatory: no

# Default:

DBPassword=Z@bbixPr0xy

### Option: DBSocket

# Path to MySQL socket.

#

# Mandatory: no

# Default:

# DBSocket=/tmp/mysql.sock

# Option: DBPort

# Database port when not using local socket. Ignored for SQLite.

#

# Mandatory: no

# Default (for MySQL):

DBPort=3306

######### PROXY SPECIFIC PARAMETERS #############

### Option: ProxyLocalBuffer

# Proxy will keep data locally for N hours, even if the data have already been synced with the server.

# This parameter may be used if local data will be used by third party applications.

#

# Mandatory: no

# Range: 0-720

# Default:

# ProxyLocalBuffer=0

### Option: ProxyOfflineBuffer

# Proxy will keep data for N hours in case if no connectivity with Zabbix Server.

# Older data will be lost.

#

# Mandatory: no

# Range: 1-720

# Default:

# ProxyOfflineBuffer=1

### Option: HeartbeatFrequency

# Frequency of heartbeat messages in seconds.

# Used for monitoring availability of Proxy on server side.

# 0 - heartbeat messages disabled.

# For a proxy in the passive mode this parameter will be ignored.

#

# Mandatory: no

# Range: 0-3600

# Default:

# HeartbeatFrequency=60

### Option: ConfigFrequency

# How often proxy retrieves configuration data from Zabbix Server in seconds.

# For a proxy in the passive mode this parameter will be ignored.

#

# Mandatory: no

# Range: 1-3600\*24\*7

# Default:

ConfigFrequency=60

### Option: DataSenderFrequency

# Proxy will send collected data to the Server every N seconds.

# For a proxy in the passive mode this parameter will be ignored.

#

# Mandatory: no

# Range: 1-3600

# Default:

# DataSenderFrequency=1

############ ADVANCED PARAMETERS ################

### Option: StartPollers

# Number of pre-forked instances of pollers.

#

# Mandatory: no

# Range: 0-1000

# Default:

StartPollers=70

### Option: StartIPMIPollers

# Number of pre-forked instances of IPMI pollers.

#

# Mandatory: no

# Range: 0-1000

# Default:

# StartIPMIPollers=0

### Option: StartPollersUnreachable

# Number of pre-forked instances of pollers for unreachable hosts (including IPMI and Java).

# At least one poller for unreachable hosts must be running if regular, IPMI or Java pollers

# are started.

#

# Mandatory: no

# Range: 0-1000

# Default:

StartPollersUnreachable=10

### Option: StartTrappers

# Number of pre-forked instances of trappers.

# Trappers accept incoming connections from Zabbix sender and active agents.

#

# Mandatory: no

# Range: 0-1000

# Default:

# StartTrappers=5

### Option: StartPingers

# Number of pre-forked instances of ICMP pingers.

#

# Mandatory: no

# Range: 0-1000

# Default:

# StartPingers=1

### Option: StartDiscoverers

# Number of pre-forked instances of discoverers.

#

# Mandatory: no

# Range: 0-250

# Default:

StartDiscoverers=10

### Option: StartHTTPPollers

# Number of pre-forked instances of HTTP pollers.

#

# Mandatory: no

# Range: 0-1000

# Default:

# StartHTTPPollers=1

### Option: JavaGateway

# IP address (or hostname) of Zabbix Java gateway.

# Only required if Java pollers are started.

#

# Mandatory: no

# Default:

# JavaGateway=

### Option: JavaGatewayPort

# Port that Zabbix Java gateway listens on.

#

# Mandatory: no

# Range: 1024-32767

# Default:

# JavaGatewayPort=10052

### Option: StartJavaPollers

# Number of pre-forked instances of Java pollers.

#

# Mandatory: no

# Range: 0-1000

# Default:

# StartJavaPollers=0

### Option: StartVMwareCollectors

# Number of pre-forked vmware collector instances.

#

# Mandatory: no

# Range: 0-250

# Default:

# StartVMwareCollectors=0

### Option: VMwareFrequency

# How often Zabbix will connect to VMware service to obtain a new data.

#

# Mandatory: no

# Range: 10-86400

# Default:

# VMwareFrequency=60

### Option: VMwarePerfFrequency

# How often Zabbix will connect to VMware service to obtain performance data.

#

# Mandatory: no

# Range: 10-86400

# Default:

# VMwarePerfFrequency=60

### Option: VMwareCacheSize

# Size of VMware cache, in bytes.

# Shared memory size for storing VMware data.

# Only used if VMware collectors are started.

#

# Mandatory: no

# Range: 256K-2G

# Default:

# VMwareCacheSize=8M

### Option: VMwareTimeout

# Specifies how many seconds vmware collector waits for response from VMware service.

#

# Mandatory: no

# Range: 1-300

# Default:

# VMwareTimeout=10

### Option: SNMPTrapperFile

# Temporary file used for passing data from SNMP trap daemon to the proxy.

# Must be the same as in zabbix\_trap\_receiver.pl or SNMPTT configuration file.

#

# Mandatory: no

# Default:

# SNMPTrapperFile=/tmp/zabbix\_traps.tmp

#SNMPTrapperFile=/var/log/snmptrap/snmptrap.log

### Option: StartSNMPTrapper

# If 1, SNMP trapper process is started.

#

# Mandatory: no

# Range: 0-1

# Default:

# StartSNMPTrapper=0

### Option: ListenIP

# List of comma delimited IP addresses that the trapper should listen on.

# Trapper will listen on all network interfaces if this parameter is missing.

#

# Mandatory: no

# Default:

# ListenIP=0.0.0.0

### Option: HousekeepingFrequency

# How often Zabbix will perform housekeeping procedure (in hours).

# Housekeeping is removing outdated information from the database.

# To prevent Housekeeper from being overloaded, no more than 4 times HousekeepingFrequency

# hours of outdated information are deleted in one housekeeping cycle.

# To lower load on proxy startup housekeeping is postponed for 30 minutes after proxy start.

# With HousekeepingFrequency=0 the housekeeper can be only executed using the runtime control option.

# In this case the period of outdated information deleted in one housekeeping cycle is 4 times the

# period since the last housekeeping cycle, but not less than 4 hours and not greater than 4 days.

#

# Mandatory: no

# Range: 0-24

# Default:

# HousekeepingFrequency=1

### Option: CacheSize

# Size of configuration cache, in bytes.

# Shared memory size, for storing hosts and items data.

#

# Mandatory: no

# Range: 128K-8G

# Default:

CacheSize=1024M

### Option: StartDBSyncers

# Number of pre-forked instances of DB Syncers.

#

# Mandatory: no

# Range: 1-100

# Default:

# StartDBSyncers=4

### Option: HistoryCacheSize

# Size of history cache, in bytes.

# Shared memory size for storing history data.

#

# Mandatory: no

# Range: 128K-2G

# Default:

# HistoryCacheSize=16M

### Option: HistoryIndexCacheSize

# Size of history index cache, in bytes.

# Shared memory size for indexing history cache.

#

# Mandatory: no

# Range: 128K-2G

# Default:

# HistoryIndexCacheSize=4M

### Option: Timeout

# Specifies how long we wait for agent, SNMP device or external check (in seconds).

#

# Mandatory: no

# Range: 1-30

# Default:

# Timeout=3

Timeout=30

### Option: TrapperTimeout

# Specifies how many seconds trapper may spend processing new data.

#

# Mandatory: no

# Range: 1-300

# Default:

# TrapperTimeout=300

### Option: UnreachablePeriod

# After how many seconds of unreachability treat a host as unavailable.

#

# Mandatory: no

# Range: 1-3600

# Default:

# UnreachablePeriod=45

### Option: UnavailableDelay

# How often host is checked for availability during the unavailability period, in seconds.

#

# Mandatory: no

# Range: 1-3600

# Default:

# UnavailableDelay=60

### Option: UnreachableDelay

# How often host is checked for availability during the unreachability period, in seconds.

#

# Mandatory: no

# Range: 1-3600

# Default:

# UnreachableDelay=15

### Option: ExternalScripts

# Full path to location of external scripts.

# Default depends on compilation options.

#

# Mandatory: no

# Default:

# ExternalScripts=${datadir}/zabbix/externalscripts

ExternalScripts=/usr/lib/zabbix/externalscripts

### Option: FpingLocation

# Location of fping.

# Make sure that fping binary has root ownership and SUID flag set.

#

# Mandatory: no

# Default:

# FpingLocation=/usr/sbin/fping

### Option: Fping6Location

# Location of fping6.

# Make sure that fping6 binary has root ownership and SUID flag set.

# Make empty if your fping utility is capable to process IPv6 addresses.

#

# Mandatory: no

# Default:

# Fping6Location=/usr/sbin/fping6

### Option: SSHKeyLocation

# Location of public and private keys for SSH checks and actions.

#

# Mandatory: no

# Default:

# SSHKeyLocation=

### Option: LogSlowQueries

# How long a database query may take before being logged (in milliseconds).

# Only works if DebugLevel set to 3 or 4.

# 0 - don't log slow queries.

#

# Mandatory: no

# Range: 1-3600000

# Default:

# LogSlowQueries=0

LogSlowQueries=3000

### Option: TmpDir

# Temporary directory.

#

# Mandatory: no

# Default:

# TmpDir=/tmp

### Option: AllowRoot

# Allow the proxy to run as 'root'. If disabled and the proxy is started by 'root', the proxy

# will try to switch to the user specified by the User configuration option instead.

# Has no effect if started under a regular user.

# 0 - do not allow

# 1 - allow

#

# Mandatory: no

# Default:

# AllowRoot=0

### Option: User

# Drop privileges to a specific, existing user on the system.

# Only has effect if run as 'root' and AllowRoot is disabled.

#

# Mandatory: no

# Default:

# User=zabbix

### Option: Include

# You may include individual files or all files in a directory in the configuration file.

# Installing Zabbix will create include directory in /usr/local/etc, unless modified during the compile time.

#

# Mandatory: no

# Default:

# Include=

# Include=/usr/local/etc/zabbix\_proxy.general.conf

# Include=/usr/local/etc/zabbix\_proxy.conf.d/

# Include=/usr/local/etc/zabbix\_proxy.conf.d/\*.conf

### Option: SSLCertLocation

# Location of SSL client certificates.

# This parameter is used only in web monitoring.

#

# Mandatory: no

# Default:

# SSLCertLocation=${datadir}/zabbix/ssl/certs

### Option: SSLKeyLocation

# Location of private keys for SSL client certificates.

# This parameter is used only in web monitoring.

#

# Mandatory: no

# Default:

# SSLKeyLocation=${datadir}/zabbix/ssl/keys

### Option: SSLCALocation

# Location of certificate authority (CA) files for SSL server certificate verification.

# If not set, system-wide directory will be used.

# This parameter is used only in web monitoring.

#

# Mandatory: no

# Default:

# SSLCALocation=

####### LOADABLE MODULES #######

### Option: LoadModulePath

# Full path to location of proxy modules.

# Default depends on compilation options.

#

# Mandatory: no

# Default:

# LoadModulePath=${libdir}/modules

### Option: LoadModule

# Module to load at proxy startup. Modules are used to extend functionality of the proxy.

# Format: LoadModule=<module.so>

# The modules must be located in directory specified by LoadModulePath.

# It is allowed to include multiple LoadModule parameters.

#

# Mandatory: no

# Default:

# LoadModule=

####### TLS-RELATED PARAMETERS #######

### Option: TLSConnect

# How the proxy should connect to Zabbix server. Used for an active proxy, ignored on a passive proxy.

# Only one value can be specified:

# unencrypted - connect without encryption

# psk - connect using TLS and a pre-shared key

# cert - connect using TLS and a certificate

#

# Mandatory: yes, if TLS certificate or PSK parameters are defined (even for 'unencrypted' connection)

# Default:

# TLSConnect=unencrypted

### Option: TLSAccept

# What incoming connections to accept from Zabbix server. Used for a passive proxy, ignored on an active proxy.

# Multiple values can be specified, separated by comma:

# unencrypted - accept connections without encryption

# psk - accept connections secured with TLS and a pre-shared key

# cert - accept connections secured with TLS and a certificate

#

# Mandatory: yes, if TLS certificate or PSK parameters are defined (even for 'unencrypted' connection)

# Default:

# TLSAccept=unencrypted

### Option: TLSCAFile

# Full pathname of a file containing the top-level CA(s) certificates for

# peer certificate verification.

#

# Mandatory: no

# Default:

# TLSCAFile=

### Option: TLSCRLFile

# Full pathname of a file containing revoked certificates.

#

# Mandatory: no

# Default:

# TLSCRLFile=

### Option: TLSServerCertIssuer

# Allowed server certificate issuer.

#

# Mandatory: no

# Default:

# TLSServerCertIssuer=

### Option: TLSServerCertSubject

# Allowed server certificate subject.

#

# Mandatory: no

# Default:

# TLSServerCertSubject=

### Option: TLSCertFile

# Full pathname of a file containing the proxy certificate or certificate chain.

#

# Mandatory: no

# Default:

# TLSCertFile=

### Option: TLSKeyFile

# Full pathname of a file containing the proxy private key.

#

# Mandatory: no

# Default:

# TLSKeyFile=

### Option: TLSPSKIdentity

# Unique, case sensitive string used to identify the pre-shared key.

#

# Mandatory: no

# Default:

# TLSPSKIdentity=

### Option: TLSPSKFile

# Full pathname of a file containing the pre-shared key.

#

# Mandatory: no

# Default:

# TLSPSKFile=