

HP Operations Manager

HTTPS Agent Configuration Variables

Software Version: 8.60



Manufacturing Part Number: None
October 2009

U.S.

© Copyright 2009 Hewlett-Packard Development Company, L.P.

Legal Notices

Warranty.

Hewlett-Packard makes no warranty of any kind with regard to this document, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Hewlett-Packard shall not be held liable for errors contained herein or direct, indirect, special, incidental or consequential damages in connection with the furnishing, performance, or use of this material.

A copy of the specific warranty terms applicable to your Hewlett-Packard product can be obtained from your local Sales and Service Office.

Restricted Rights Legend.

Use, duplication or disclosure by the U.S. Government is subject to restrictions as set forth in subparagraph (c) (1) (ii) of the Rights in Technical Data and Computer Software clause at DFARS 252.227-7013.

Hewlett-Packard Company
United States of America

Rights for non-DOD U.S. Government Departments and Agencies are as set forth in FAR 52.227-19(c)(1,2).

Copyright Notices.

©Copyright 2005-2009 Hewlett-Packard Development Company, L.P.

No part of this document may be copied, reproduced, or translated to another language without the prior written consent of Hewlett-Packard Company. The information contained in this material is subject to change without notice.

Trademark Notices.

Adobe® is a trademark of Adobe Systems Incorporated.

Intel®, Itanium®, and Pentium® are trademarks of Intel Corporation in the U.S. and other countries.

Java™ is a US trademark of Sun Microsystems, Inc.

Microsoft® and Windows® are U.S. registered trademarks of Microsoft Corporation.

Oracle® is a registered trademark of Oracle Corporation and/or its affiliates.

UNIX® is a registered trademark of the Open Group.

1. List of the HP Operations Manager 8.60 HTTPS Agent Configuration Variables 3

Contents

1 List of the HP Operations Manager 8.60 HTTPS Agent Configuration Variables

ECA_ANNO_NODE

Flags : external
Description : Setup add.1 ECS annotate nodes on OVO managed nodes.
See ECS 3.1 manual "Configuring Circuits for NNM and OVO".
Type/Unit : string
Default : ""
Documented : See ECS 3.1 manual "Configuring Circuits for NNM and OVO".
Since Rel. : A.07.00
ObsoleteSince. :
Used In : opcinfol (<=OVO7); namespace: eaagt (>=OVO8)
Search-Keys : ECS

ECA_INSTANCE

Flags : external
Description : Instance-number of OVO's ECS engine on managed node (opceca).
OVO is allocated the ids 11 - 20.
Type/Unit : int
Default : 12
Documented :
Since Rel. : A.07.00
ObsoleteSince. :
Used In : opcinfol (<=OVO7); namespace: eaagt (>=OVO8)
Search-Keys : ECS

ECA_PERLFILE

Flags : external
Description : Name of perl script, which should be loaded into ECS engine for
managed node and should reside in AGENT_CONFIG_DIR directory.
Type/Unit : string

Default : empty
Documented : N
Since Rel. : A.08.53
ObsoleteSince. :
Used In : opcinfo (<=OV07); namespace: eaagt (>=OV08)
Search-Keys : ECS

EC_MAX_AS_WAIT

Flags : external
Description : ECS engine waits EC_MAX_AS_WAIT seconds to connect to annotate server at startup and at reconfiguration time to avoid race condition.
Type/Unit : int (seconds)
Default : 10
Documented :
Since Rel. : A.07.00
ObsoleteSince. :
Used In : opcinfo, opcsvinfo (<=OV07); namespace: eaagt, opc (>=OV08)
Search-Keys : ECS

EC_MAX_ESOK_TRY

Flags : external
Description : Maximum number of retries attempts by ECS engine to connect to EC annotate server socket stack.
Type/Unit : int
Default : 20
Documented :
Since Rel. : A.07.00
ObsoleteSince. :
Used In : opcinfo, opcsvinfo (<=OV07); namespace: eaagt, opc (>=OV08)
Search-Keys : ECS

EC_SHOW_TIMESTAMP

Flags : external
 Description : Show timestamp in ecenglg and ecengtr files
 Type/Unit : bool
 Default : FALSE
 Documented : Y (patch docu)
 Since Rel. : A.07.26 / A.08.15
 Used In : opcsvinfo (<=OV07); namespace: opc (>=OV08)
 Search-Keys :

EXT_INTERVAL

Flags : external
 Description : Values of the frequency with which the monitor queue is checked if external monitors are configured.
 Type/Unit : int , second , > 1
 Default : 15
 Documented :
 Since Rel. :
 ObsoleteSince. :
 Used In : opcinfo (<=OV07); namespace: eaagt (>=OV08)
 Search-Keys :

FAILED_COLLECTION_RETRIES

Flags : external
 Description : Specifies whether startup of a failed collection should be restarted for an Advanced Monitor Policy.

 0 : No retries should be done.
 -1 : This failure is ignored - the policy does not go into failed state (This is like it was with agents before A.07.26).

Type/Unit : int
Default : 3
Documented :
Since Rel. : A.07.26
ObsoleteSince. :
Used In : opcinfo (<=OV07); namespace: eaagt (>=OV08)
Search-Keys :

FAILED_POLICY_TIME_TO_REACTIVATE

Flags : external
Description : You can automatically attempt to reactivate a policy in the failed state.
The time before reactivation is attempted can be specified with this variable.
The time is specified in hours.
Use 0, if no reactivation should be done.
Type/Unit : int
Default : 24
Documented :
Since Rel. : A.07.26
ObsoleteSince. :
Used In : opcinfo (<=OV07); namespace: eaagt (>=OV08)
Search-Keys :

IPADDR_CHECK_INTERVAL

Flags : external
Description : Time interval in seconds for check of IP address change (DHCP).
Type/Unit : int
Default : 1800 (30 minutes)
Documented : Yes (HTTPS Agent Concepts and Configuration Guide)
Since Rel. : A.08.00

ObsoleteSince. :
 Used In : namespace: eaagt (>=OV08)
 Search-Keys :

LE_CONFIG_FLG_INTV

Flags : external
 Description : Time interval between log file encapsulator checks for the
 existence of the configuration flag file (MPE only).
 Type/Unit : int , second , > 5
 Default : 15
 Documented :
 Since Rel. :
 ObsoleteSince. :
 Used In : opcinfo (<=OV07)
 Search-Keys : MPE

LIMIT_NBR_PARALLEL_ACTIONS

Flags : external
 Description : If the value of LIMIT_NBR_PARALLEL_ACTIONS is TRUE,
 then action agent will honour the value specified for
 MAX_NBR_PARALLEL_ACTIONS. If at any point in time the
 number of running actions hits the value of specified
 for MAX_NBR_PARALLEL_ACTIONS, action agent will wait
 for any of those running actions to get finished to
 schedule the remaining actions it has to schedule.
 Note that you have to set a suitable value for
 MAX_NBR_PARALLEL_ACTIONS depending on the number
 and interval of policies and execution time of scripts if you
 are using this variable.
 Type/Unit : int
 Default : FALSE

Documented :
Since Rel. : A.08.51
ObsoleteSince. :
Used In : namespace: eaagt (>=OV08)
Search-Keys :

MAX_RETRIES_UNTIL_POLICY_FAILED

Flags : external
Description : This is the number of attempt that a policy makes to collect data.
This is important for usage with external program sources. If an external program has a problem, policy handling should not be stopped immediately. Therefore, external collection is stopped and restarted a number of times. This variable specifies how often the collection is started. Use 1 if no retries should be made.
Type/Unit : int
Default : 3
Documented :
Since Rel. : A.07.26
ObsoleteSince. :
Used In : opcinfo (<=OV07); namespace: eaagt (>=OV08)
Search-Keys :

MON_CONFIG_FLG_INTV

Flags : external
Description : Time interval between checks for the flag file by MPE monitor configuration (MPE only).
Type/Unit : int second
Default : 15
Documented :

Since Rel. :
 ObsoleteSince. :
 Used In : opcinfo (<=OV07)
 Search-Keys : MPE

MSGSRC_WITH_POLICY_VERSION

Flags : external
 Description : If the value of MSGSRC_WITH_POLICY_VERSION is TRUE,
 then policy version will be appended to MSGSRC variable.
 If the value of MSGSRC_WITH_POLICY_VERSION is FALSE,
 then policy version will not be appended to MSGSRC variable.
 The default value has been changed from FALSE in agent version
 A.08.53 to TRUE in agent version A.08.60.
 Type/Unit : bool
 Default : TRUE (since A.08.60); FALSE (A.08.53)
 Documented :
 Since Rel. : A.08.53
 ObsoleteSince. :
 Used In : opcinfo (>=OV07); namespace: eaagt (>=OV08)
 Search-Keys :

OPCMONA_ERRORMSG_ONLY_OPCERROR

Flags : external
 Description : If set to TRUE, error messages ranging from OpC30-3400 to
 OpC30-3409 are not sent to the console but logged in the agent
 trace.
 Type/Unit : bool
 Default : FALSE
 Documented :
 Since Rel. : A.07.27 / A.08.13
 ObsoleteSince. :

Used In : opcinfol (<=OV07); namespace: eaagt (>=OV08)
Search-Keys :

OPC_ACTION_CHARSET

Flags : external
Description : To let the opcinfol automatically get the system charset,
use OPC_ACTION_CHARSET SYSTEM
To set to a specific charset , say acp1252 , use
OPC_ACTION_CHARSET acp1252
With no setting the old behaviour is used (charset of
OPC_NODE_CHARSET is also used for the actions).
Type/Unit : string
Default : OPC_NODE_CHARSET
Documented :
Since Rel. : A.08.51
ObsoleteSince. :
Used In : namespace: eaagt (>=OV08)
Search-Keys :

OPC_ADVMON_POLICY_VERSION_CHECK

Flags : external
Description : If OPC_ADVMON_POLICY_VERSION_CHECK is set to TRUE, then policy
version comparison will be performed before reloading the
policy. The policy will be loaded only when the its policy
version is higher than the currently installed policy. This
config variable affects all monitor policies that access CODA
data source and when management server is OM for Unix and all
ADVMON policies when management server is OM for Windows. When
the management server is OM for Windows, the default value of
TRUE will suffice. When the management server is OM for Unix,
this value should be set to FALSE otherwise any changes made

to monitor policies that access CODA data source will not be reflected on the managed node.

Type/Unit : boolean
 Default : TRUE
 Documented : Y
 Since Rel. : A.08.60
 ObsoleteSince. :
 Used In : namespace: eaagt (>=OV08)
 Search-Keys :

OPC_AGENT_ID

Flags : external
 Description : The managed node identifier, stored on agent and server.
 Used to identify messages, action requests, etc. Introduced to support DHCP environments.
 Type/Unit : string
 Default : ""
 Documented :
 Since Rel. : A.07.00
 ObsoleteSince. :
 Used In : nodeinfo (<=OV07)
 Search-Keys :

OPC_AGTKILL_TIMEOUT

Flags : external
 Description : UNIX only. Time delay for a complete agent shutdown (opcagt -kill). After the set time, the agent is killed with -9
 Type/Unit : int
 Default : 120
 Documented :
 Since Rel. :

ObsoleteSince. :
Used In : opcinfo (<=OV07)
Search-Keys : UNIX

OPC_AGTSTOP_TIMEOUT

Flags : external
Description : Time delay for an interceptor process to shut down.
Type/Unit : int , second
Default : 4
Documented :
Since Rel. :
ObsoleteSince. :
Used In : opcinfo (<=OV07)
Search-Keys :

OPC_AGT_PROCESS_PRIORITY

Flags : external
Description : Windows only
Change the priority of the agent processes.
This now defaults to "Below Normal" (W2K) or "IDLE" (WinNT4).

Possible settings:

ABOVE
NORMAL
BELOW
IDLE

NOTE: ABOVE and BELOW settings are available only on W2K.
On NT 4 ABOVE is mapped to NORMAL and BELOW is mapped
to IDLE.
Type/Unit : string

Default : BELOW
 Documented :
 Since Rel. : A.07.20
 ObsoleteSince. :
 Used In : opcinfo (<=OVO7); namespace: eaagt (>=OVO8)
 Search-Keys :

OPC_ALT_AGENT_IDS

Flags : external
 Description : List of comma-separated agent_ids (no blanks). Communication from management server to agent is accepted if the management server uses one of the ALT_AGENT_IDS. Used to allow action execution on virtual cluster nodes (add agent_id of virtual node to OPC_ALT_AGENT_IDS).
 Supported for OVO Windows 7.0 and OVO UNIX >= 7.5.
 Type/Unit : string
 Default : ""
 Documented :
 Since Rel. : A.07.00 (OVOW); A.07.50 (OVOU)
 ObsoleteSince. :
 Used In : opcinfo (<=OVO7)
 Search-Keys :

OPC_COMM_LOOKUP_RPC_SRV

Flags : external
 Description : Flag telling DCE RPC clients whether to lookup the desired RPC server in the case that no static port for this server has been found in a port configuration file.
 Documented in the 'DCE Communication Without Endpoint Mapper' white paper.
 Type/Unit : bool

Default : TRUE
Documented : DCE Communication Without Endpoint Mapper white paper
Since Rel. : A.07.10
ObsoleteSince. :
Used In : opcsvinfo, opcinfo (<=OV07); namespace: opc, eaagt (>=OV08)
Search-Keys :

OPC_COMM_PORT_DISTM

Flags : external
Description : Port number of Distribution Manager to be set on managed node to tell opcdista where the opcdistm is listening on the primary management server.
Documented in the 'DCE Communication Without Endpoint Mapper' white paper.
Type/Unit : int (port number)
Default : (not set)
Documented : DCE Communication Without Endpoint Mapper white paper
Since Rel. : A.07.10
ObsoleteSince. :
Used In : opcinfo (<=OV07)
Search-Keys :

OPC_COMM_PORT_MSGR

Flags : external
Description : Port number of DCE Message Receiver to be set on Managed Node to tell opcmsga where the opcmsgrd is listening on the primary management server.
Documented in the 'DCE Communication Without Endpoint Mapper' white paper.
Type/Unit : int (port number)
Default : (not set)

Documented : DCE Communication Without Endpoint Mapper white paper
 Since Rel. : A.07.10
 ObsoleteSince. :
 Used In : opcinfo (<=OV07)
 Search-Keys :

OPC_COMM_REGISTER_RPC_SRV

Flags : external
 Description : Flag telling DCE RPC servers whether to register with the local
 rpcd.
 Documented in the 'DCE Communication Without Endpoint Mapper'
 white paper.
 Type/Unit : bool
 Default : TRUE
 Documented : DCE Communication Without Endpoint Mapper white paper
 Since Rel. : A.07.10
 ObsoleteSince. :
 Used In : opcsvinfo, opcinfo (<=OV07); namespace: opc, eaagt (>=OV08)
 Search-Keys :

OPC_COMM_RPC_PORT_FILE

Flags : external
 Description : Full path to port configuration file needed by DCE RPC clients to
 determine where the required RPC servers are listening.
 Documented in the 'DCE Communication Without Endpoint Mapper'
 white paper.
 Type/Unit : string
 Default : (not set)
 Documented : DCE Communication Without Endpoint Mapper white paper
 Since Rel. : A.07.10
 ObsoleteSince. :

Used In : opcsvinfo, opcinfo (<=OV07); namespace: opc, eaagt (>=OV08)
Search-Keys :

OPC_DISABLE_MSGGRP_OVERRIDE

Flags : external
Description : If this variable is set to TRUE category/message group in message will not get replaced with that of SNMP/CMIP event recieved.
Type/Unit : bool
Default : FALSE
Documented :
Since Rel. : A.07.35 / A.08.14
ObsoleteSince. :
Used In : opcinfo (<=OV07); namespace: eaagt (>=OV08)
Search-Keys :

OPC_DISABLE_SEVERITY_OVERRIDE

Flags : external
Description : If This variable is set to TRUE severity in message will not get replaced with that of SNMP/CMIP event recieved.
Type/Unit : bool
Default : FALSE
Documented :
Since Rel. : A.07.35 / A.08.14
ObsoleteSince. :
Used In : opcinfo (<=OV07); namespace: eaagt (>=OV08)
Search-Keys :

OPC_DYNAMIC_LOGFILE_ONCE

Flags : external

Description : If this variable is set to TRUE, dynamic evaluation of logpaths in log file encapsulator is done only after startup or template distribution. Behavior as for VPO 6 and earlier.

Type/Unit : bool

Default : FALSE

Documented :

Since Rel. : A.07.00

ObsoleteSince. :

Used In : opcinfo (<=OV07); namespace: eaagt (>=OV08)

Search-Keys :

OPC_EVENT_RETRY_OLDEST

Flags : external

Description : Set the number of times that opcle attempts to read an event in case the EventLog fills up very fast.

If the EventLog fills up very fast, it is possible that the last events are overwritten before opcle can process them. In order to keep up with the fill rate of the EventLog, opcle must skip the overwritten Events and starts at the current end of the EventLog.

The opcle does retry this for the configured number of times.

Type/Unit : integer

Default : 30

Documented : N

Since Rel. : A.07.28

ObsoleteSince. :

Used In : opcinfo (<=OV07); namespace: eaagt (>=OV08)

Search-Keys :

OPC_EVENT_RUNTIME_ONLY

Flags : external

Description : Configure the Windows Event Log monitoring to limit reading events to those that arrive during agent runtime.
All events that arrive during reboot or the time the agent is stopped are ignored.

Type/Unit : bool

Default : FALSE

Documented :

Since Rel. : A.07.25

ObsoleteSince. :

Used In : opcinfo (<=OV07); namespace: eaagt (>=OV08)

Search-Keys :

OPC_IGNORE_DEFAULT_MSG_CORRELATION

Flags : external

Description : If the value of OPC_IGNORE_DEFAULT_MSG_CORRELATION is TRUE, During agent converting the loaded configuration them to internal data structure, default message correlation values are not merged to the conditional correlation values.
If the value of OPC_IGNORE_DEFAULT_MSG_CORRELATION is FALSE, During agent converting the loaded configuration them to internal data structure, default message correlation values are merged to the conditional correlation values.

Type/Unit : bool

Default : FALSE

Documented :

Since Rel. : A.08.60

ObsoleteSince. :

Used In : namespace: eaagt (>=OV08)

Search-Keys :

OPC_IMMEDIATE_SHUTDOWN

Flags : external

Description : Defines whether the Windows agent waits for the Service Control Manager to request the agent service to stop during system shutdown or whether it listens for the console message and shuts down after this is received.

By default, the agent waits for the Service Control Manager. If this value is set to TRUE, it shuts down as soon as the console message of the shutdown is received.

Type/Unit : bool

Default : FALSE

Documented :

Since Rel. : A.07.32

ObsoleteSince. :

Used In : opcinfo (<=OVO7); namespace: eaagt (>=OVO8)

Search-Keys :

OPC_INCLUDE_VIRTUAL_IP_ADDRS_FOR_LOCAL_NODE_MAPPING

Flags : external

Description : Since OVO 8.16, the virtual addresses of HA packages is ignored when establishing whether the message node is local or not.

This means:

```
# opcmsg a=a o=o msg_t=t node=
```

is treated as a proxied message. Before 8.16, these messages were marked as local (not-proxied), and added to the physical node when writing them to the DB. Therefore the messages were ignored for the service tree of the virtual host and the status calculation not correct.

If this variable is set to TRUE, the virtual IP address is taken into account and the pre-OVO 8.16 behavior is achieved.

Type/Unit : bool
Default : FALSE
Documented :
Since Rel. : A.08.16
ObsoleteSince. :
Used In : namespace: eaagt (>=OV08)
Search-Keys :

OPC_INT_MSG_FLT_AWS

Flags : external
Description : With this variable set to TRUE, OVO internal messages are always filtered by the Message Interceptor, even if the process itself is not running. In this case, internal messages arrive at the next startup of the Message Interceptor. Setting this variable to TRUE, no internal messages are sent unfiltered to the Management Server. Be careful when using this setting, as OVO internal messages sent to the management server may arrive delayed.
Important Note:
OPC_INT_MSG_FLT must be set to TRUE in order to use OPC_INT_MSG_FLT_AWS!

Type/Unit : bool
Default : FALSE
Documented : Y
Since Rel. : A.07.26
ObsoleteSince. :
Used In : opcinfo, opcsvinfo (<=OV07); namespace: eaagt, opc (>=OV08)
Search-Keys :

OPC_KEEP_PERL_PATH

Flags : external

Description : If set to TRUE, the monitor agent removes the OV perl directory from the PATH environment variable before executing a program.

Type/Unit : bool

Default : FALSE

Documented :

Since Rel. : A.08.12

ObsoleteSince. :

Used In : namespace: eaagt (>=OV08)

Search-Keys :

OPC_KILL_AUTO_ACTION_TIMEOUT

Flags : external

Description : Defines the timeout period that an action in the action queue must be running before the action agent assumes that it is a hanging action and kills it. (See also OPC_KILL_AUTO_ACTION)

Type/Unit : int

Default : 590

Documented : Y

Since Rel. : A.07.21

ObsoleteSince. :

Used In : opcinfol (<=OV07); namespace: eaagt (>=OV08)

Search-Keys :

OPC_KILL_SCHEDULE

Flags : external

Description : On Windows systems, processes started for scheduled actions from the action agent may hang. The action agent was designed to wait until the process finishes. Therefore more and more processes were started and were then blocked.

The design behavior was changed to the following:

When a new request to start a process for a scheduled action arrives at the action agent, it first checks whether a process already started from the same policy is still running.

IF YES

THEN

It checks whether the process has already run longer than the configurable timeout (default 55 seconds).

IF YES

THEN

The old process is killed.

A warning is written to the opcerror log.

No end or failed message is sent to the management server.

The new process is started.

ELSE

The new process is not started.

A warning is written to the opcerror log.

No start message is sent to the management server.

ENDIF

ELSE

The new process is started.

ENDIF

OPC_KILL_SCHEDULE can be used to disable the new functionality.

If this variable is set to FALSE the action agent behaves as originally designed.

Type/Unit	: boolean
Default	: TRUE
Documented	: Y
Since Rel.	: A.07.22
ObsoleteSince.	:
Used In	: opcinfo (<=OV07); namespace: eaagt (>=OV08)
Search-Keys	:

OPC_KILL_SCHEDULE_TIMEOUT

Flags : external

Description : Defines the timeout period that is used to check whether an old process is killed or the new one not started.
(See also OPC_KILL_SCHEDULE)

It can be set to

0 Default of 55 seconds is used.

>0 Number is used as the timeout period in seconds.

<0 No timeout check is done, the old process is killed immediately.

Type/Unit : int

Default : 55

Documented : Y

Since Rel. : A.07.22

ObsoleteSince. :

Used In : opcinfo (<=OV07); namespace: eaagt (>=OV08)

Search-Keys :

OPC_LE_CALC_HASH

Flags : external

Description : If the value of OPC_LE_CALC_HASH is TRUE, opcle detects the file is appended or overwritten by calculating hash of last line and verifying some random check points.If opcle detects the file is overwritten, then it reads the file from beginning.

Type/Unit : bool

Default : FALSE

Documented :

Since Rel. : A.08.60

ObsoleteSince. :

Used In : namespace: eaagt (>=OV08)

Search-Keys :

OPC_LE_CHECK_INODE

Flags : external
Description : Sets the time interval when a file name change is recognized by the log file encapsulator.
Type/Unit : int
Default : 20
Documented :
Since Rel. :
ObsoleteSince. :
Used In : opcinfo (<=OV07); namespace: eaagt (>=OV08)
Search-Keys :

OPC_LE_CLOSE_MSG_DLL

Flags : external
Description : If this variable is set to TRUE, the Windows message DLL for EventLog messages is closed after every read. This may cause a higher CPU usage by the log file encapsulator process but it does not lock DLLs and so software may be updated while the OVO agent runs.
Type/Unit : bool
Default : FALSE
Documented :
Since Rel. :
ObsoleteSince. :
Used In : opcinfo (<=OV07); namespace: eaagt (>=OV08)
Search-Keys : NT

OPC_LE_IGN_TEMP_UNAVAIL

Flags : external
Description : If set to TRUE, temporarily unavailable logfiles will not be

treated as recreated/truncated logfiles.

The information about the file position will be saved during the file is unavailable.

Type/Unit : bool
 Default : FALSE
 Documented :
 Since Rel. :
 ObsoleteSince. :
 Used In : opcinfol (<=OV07); namespace: eaagt (>=OV08)
 Search-Keys :

OPC_LE_SAVE_STATE

Flags : external
 Description : With this flag opcle now save the information about the files it was monitoring into the file /var/opt/OV/tmp/OpC/le_state. When opcle comes up and if this file is existing then it will restore the last saved information. By this we can now monitor the messages that were written into the file opcle was monitoring even when it was down.
 Note : opcle will consider the file le_state as obsolete if it is older than a 24hr.
 Type/Unit : boolean
 Default : FALSE
 Documented : Y
 Since Rel. : A.07.32, 8.15
 Used In : opcinfol (<=OV07); namespace: opc (>=OV08)
 Search-Keys :

OPC_LE_KEEP_DSCONNECTION

Flags : external

Description : In windows platform opcle locks port 1025 and 1026 towards the PDC emulator(primary domain controller).
If set to TRUE the connection kept as long as opcle is running.
If set to FALSE connection is closed after each request to unlock the port.

Type/Unit : bool

Default : FALSE

Documented :

Since Rel. : A.07.33/A.08.14.1

ObsoleteSince. :

Used In : opcinfo/nodeinfo (<=OV07); namespace: eaagt (>=OV08)

Search-Keys :

OPC_LE_MAX_LINES_READ

Flags : external

Description : Determines how many lines the log file encapsulator reads per specified time period. A value of 0 means that there is no limit.

Type/Unit : int

Default : 50

Documented :

Since Rel. : A.07.22

ObsoleteSince. :

Used In : opcinfo (<=OV07); namespace: eaagt (>=OV08)

Search-Keys :

OPC_MAX_ERROR_HANDLING

Flags : external

Description : If set to TRUE, errors are always sent as an OVO message to the management server and are also logged in opcerror.
Note: Only opcmom command uses this feature.

Type/Unit : bool

Default : FALSE

Documented :

Since Rel. :

ObsoleteSince. :

Used In : opcmom (<=OV07); namespace: eaagt (>=OV08)

Search-Keys :

OPC_MGMTSV_CHARSET

Flags : external

Description : Character Set of OVO management server.
Values: roman8, iso88591, ebcdic, sjis, euc, ASCII

Type/Unit : string

Default : iso88591

Documented :

Since Rel. :

ObsoleteSince. :

Used In : nodeinfo, opcmominfo (<=OV07); namespace: eaagt, opc (>=OV08)

Search-Keys :

OPC_MONA_MSG_PER_STATE

Flags : external

Description : If set to TRUE, a message is sent each time a state/threshold is reached rather than just the first time. This applies only to Advanced Monitoring in opcmom.

Type/Unit : bool
Default : TRUE
Documented :
Since Rel. : A.07.23
ObsoleteSince. :
Used In : opcinfo (<=OVO7); namespace: eaagt (>=OVO8)
Search-Keys :

OPC_MSGA_ITO6_COMPAT_MODE

Flags : external
Description : Forces opcmsga to send the message in VPO 6 format so that it
can read by a VPO 6 Message Receiver.
Type/Unit : bool
Default : FALSE
Documented :
Since Rel. : A.07.25
ObsoleteSince. :
Used In : opcinfo (<=OVO7)
Search-Keys :

OPC_MSGA_PING_SERVER_INTERVAL

Flags : external
Description : interval in which unreachable OVO 8 servers are BBC-ping-ed.
Type/Unit : int; # of seconds
Default : 60
Documented :
Since Rel. : A.08.16
ObsoleteSince. :
Used In : namespace: eaagt (>=OVO8)
Search-Keys :

OPC_MSG_FLT_EXCLUDE_SVC

Flags : external

Description : If set to TRUE, OVO-internal messages do not carry over Service Name field from original message. The Service Name is then an empty value. This is the behavior that existed before the fix for defect QXCR1000321305 was implemented.

Type/Unit : bool

Default : FALSE

Documented : Y

Since Rel. : A.07.27; A.08.25

ObsoleteSince. :

Used In : opcinfo, opcsvinfo (<=OV07); namespace: eaagt, opc (>=OV08)

Search-Keys :

OPC_NAMESRV_BUFFER_SIZE

Flags : external

Description : Provides initial value for the buffer size to get host data from IP address,if buffer size is insufficient then it is incremented repeatedly by the provided value untill host data is retrieved successfully.

Type/Unit : int

Default : 512

Documented :

Since Rel. : A.07.28 / A.08.11

ObsoleteSince. :

Used In : opcinfo (<=OV07); namespace: eaagt (>=OV08)

Search-Keys :

OPC_NEW_LOGFILE_FROM_BEGIN

Flags : external

Description : If set to TRUE, the log file encapsulator reads newly discovered log files from the beginning. "Newly discovered" means that a script is used to dynamically list the log files to be monitored and this log file template has already run once. If set to FALSE (default), such newly discovered log files are read from the last file position (if so configured).

Type/Unit : bool

Default : FALSE

Documented :

Since Rel. : A.07.20

ObsoleteSince. :

Used In : opcinfo (<=OV07); namespace: eaagt (>=OV08)

Search-Keys :

OPC_NODE_CHARSET

Flags : external

Description : Character set of managed node. Can be set in OVO Admin GUI.
Values: roman8,iso88591,ebcdic,sjis,euc,ASCII
Should NOT change this setting on the node itself using
ovconfchg -ns eaagt -set

Type/Unit : string

Default : roman8

Documented :

Since Rel. :

ObsoleteSince. :

Used In : nodeinfo (<=OV07); namespace: eaagt (>=OV08)

Search-Keys :

OPC_NO_CFG_RQST_AT_STARTUP

Flags : external

Description : Do not ask the OVO server for new configuration at agent startup.
This works only for following combinations:

- All agents in OVO for Windows environment.
- Only Windows agent in ITO/OVO for UNIX environment.

Type/Unit : bool

Default : FALSE

Documented :

Since Rel. :

ObsoleteSince. :

Used In : opcinfo (<=OVO7)

Search-Keys :

OPC_NO_MSG_FLT_FOR_BUFFER_MSG

Flags : external

Description : When internal message filtering is enabled, by default, all internal messages are passed on to the message interceptor. If this flag is set to TRUE, messages relating to the message agent's buffering (OpC40-1410 and OpC40-1411) are excluded and they are forwarded to the GUI/DB directly. This avoids the situation that these messages are also buffered.

Type/Unit : boolean

Default : FALSE

Documented :

Since Rel. : A.07.23

ObsoleteSince. :

Used In : opcinfo, opcsvinfo (<=OVO7); namespace: eaagt, opc (>=OVO8)

Search-Keys :

OPC_OPCLC_POLICY_EXCLUDE_INFO

Flags : external

Description : Comma-separated list of policy-name prefixes. All policies, with names that begin with such prefixes, are not processed by the normal opcle.

Example:
"abc,bcd" -> policies "abcd 500" and "bcde 600" are not processed. This variable is only useful in conjunction with the "multiple parallel opcle" feature.

Type/Unit : string; comma-separated list, no blanks in between

Default :

Documented :

Since Rel. : A.08.13

ObsoleteSince. :

Used In : namespace: eaagt (>=OV08)

Search-Keys :

OPC_OPMSG_API_CHECK_MSGI_RUNNING

Flags : external

Description : If set to TRUE, opcmmsg() and opcagtmmsg_send() will not write message to queue if message interceptor is not running and the APIs will return an error.

Type/Unit : bool

Default : FALSE

Documented :

Since Rel. : > A.08.17

ObsoleteSince. :

Used In : namespace: eaagt (>=OV08)

Search-Keys :

OPC_OPCMSG_CLI_CHECK_MSGI_RUNNING

Flags : external

Description : If set to FALSE, opcmsg CLI will write the message to queue even if message interceptor is not running.

Type/Unit : bool

Default : TRUE

Documented :

Since Rel. : > A.08.17

ObsoleteSince. :

Used In : namespace: eaagt (>=OV08)

Search-Keys :

OPC_PERL_INCLUDE_INSTR_DIR

Flags : external

Description : If set to TRUE, perl modules available in the instrumentation directory will be made available for embedded perl policies processed by the monitor agent.
The default value has been changed from FALSE in agent version A.08.53 to TRUE in agent version A.08.60.

Type/Unit : boolean

Default : TRUE (since A.08.60); FALSE (A.08.53)

Documented :

Since Rel. : A.08.6

ObsoleteSince. :

Used In : namespace: eaagt (>=OV08)

Search-Keys :

OPC_PERL_SERIALIZE

Flags : external

Description : If set to TRUE, the monitor agent serializes the execution

of embedded perl scripts used within advanced monitoring policies instead of parallel execution.

Type/Unit : bool
Default : FALSE
Documented :
Since Rel. : > A.07.35
ObsoleteSince. :
Used In : opcinfo (<=OV07)
Search-Keys :

OPC_PRIMARY_MGR

Flags : external
Description : Define primary manager for messages.
Corresponds to mgrconf policy.

Example:

[eaagt]
OPC_MGMT_SERVER=servername.bbn.hp.com

Type/Unit : string
Default :
Documented :
Since Rel. : A.08.00
ObsoleteSince. :
Used In : namespace: eaagt (>=OV08)
Search-Keys :

OPC_PROC_ALWAYS_INTERACTIVE

Flags : external
Description : This switch tells the agent how to start processes on Windows nodes. This is helpful due to a problem in Windows

2000, where processes may hang when they are started with access to the default desktop as long as there is no user logged on. This is documented in:
<http://support.microsoft.com/?id=821107>

To avoid this problem without installing the mentioned hotfix, you can set this variable to FALSE. But this may result in problems executing tools that require a switch user. Those tools may just fail without any output.

In case you do not run tools that require a switch user, you can safely set this option to FALSE.

Otherwise, install the hotfix provided by Microsoft.

Type/Unit : bool
 Default : TRUE
 Documented :
 Since Rel. : A.07.23; A.08.10
 ObsoleteSince. :
 Used In : opcinfo (<=OV07); namespace: eaagt (>=OV08)
 Search-Keys :

OPC_Q_SYNC_WRITES

Flags : external
 Description : If set to TRUE, updates to the queue are synchronized to the disk at critical places. This drastically reduces queue performance, but further reduces the chance of corrupted queue files. It's best to limit this parameter to opcmmsgm.
 Type/Unit : bool
 Default : FALSE
 Documented :
 Since Rel. : A.07.23
 ObsoleteSince. :
 Used In : opcinfo, opcsvinfo (<=OV07); namespace: eaagt, opc (>=OV08)
 Search-Keys :

OPC_RESOLVE_TRAP_LOCALHOST

Flags : external
Description : If set to TRUE, the trap/event interceptor replaces the source address 127.0.0.1 in a trap with the agent IP address.
Type/Unit : bool
Default : FALSE
Documented :
Since Rel. : A.07.15
ObsoleteSince. :
Used In : opcinfo (<=OV07); namespace: eaagt (>=OV08)
Search-Keys :

OPC_RESTART_MINIMUM_RUN_TIME

Flags : external
Description : Defines the time period that a sub agent process should run without being restarted more than specified by OPC_RESTART_COUNT.
The time is specified in minutes.
Type/Unit : integer (minutes)
Default : 60
Documented :
Since Rel. : A.07.15
ObsoleteSince. :
Used In : opcinfo (<=OV07)
Search-Keys :

OPC_RESTART_SUBAGENT

Flags : external
Description : If set to TRUE, the control agent tries to restart aborted sub agent processes. The restart is done a defined number of

times (OPC_RESTART_COUNT) in a specified period of time (OPC_RESTART_MINIMUM_RUN_TIME).
In case the process aborts more often, it wont be restarted again.

Type/Unit : TRUE|FALSE
Default : TRUE
Documented :
Since Rel. : A.07.15
ObsoleteSince. :
Used In : opcinfo (<=OV07)
Search-Keys :

OPC_RPCREG_TIMEOUT

Flags : external
Description : Timeout for 'opcagt -status' when trying to get agent status.
Type/Unit : int , second
Default : 60
Documented :
Since Rel. :
ObsoleteSince. : A.08.00
Used In : opcinfo (<=OV07)
Search-Keys :

OPC_RPC_SHORT_TIMEOUT

Flags : external
Description : Specifies the communication timeout "local" for RPCs (called and executed on the same machine).

LOCAL_ONLY - sets timeout to 5s
ALWAYS - sets timeout to 5s for local and remote
NEVER - sets timeout to 30s

Type/Unit : string
Default : LOCAL_ONLY
Documented :
Since Rel. :
ObsoleteSince. :
Used In : opcinfol, opcsvinfo (<=OV07); namespace: eaagt, opc (>=OV08)
Search-Keys :

OPC_SC

Flags : external
Description : Flag whether ITO runs on a Sun-cluster system
Is set during installation by postinstall script.
Type/Unit : bool
Default : FALSE
Documented :
Since Rel. :
ObsoleteSince. :
Used In : opcsvinfo opcinfol (<=OV07); namespace: opc (>=OV08)
Search-Keys :

OPC_SEND_MAX_ONE_MSG_PER_TRAP

Flags : external
Description : Can switch off processing of additional trap templates, if
a message was already generated from a template.
This speeds up processing, but may prevent some templates
from even 'looking' at the trap. As a result, less messages
might be sent to the server and the behavior of duplicate
suppression for 'Suppress Messages Matching Condition' may
change.
Type/Unit : bool
Default : FALSE

Documented :
 Since Rel. : A.07.23
 ObsoleteSince. :
 Used In : opcinfo (<=OVO7); namespace: eaagt (>=OVO8)
 Search-Keys :

OPC_SET_PROXY_FLAG_FOR_IP_ADDRESSES

Flags : external
 Description : Specify a list of local IP addresses that are not replaced by the node name as known on the server, when sending messages. This is useful for agents of OVO/W. When messages are sent with a sender address of this list, the `is_proxied` flag of the message is set, as if the message was sent for a different node, even if that address is local (currently). You should never include the `OPC_IP_ADDRESS` in this list.

Example:

15.139.90.118,15.139.90.119,15.139.90.120

Type/Unit : string (comma separated list of IP addresses)
 Default : ""
 Documented :
 Since Rel. : A.07.24, A.08.16
 ObsoleteSince. :
 Used In : opcinfo (<=OVO7); namespace: eaagt (>=OVO8)
 Search-Keys :

OPC_SUPPRESS_ERROR_LIST

Flags : external
 Description : A comma-separated list of - values to suppress error messages (OpC-) output to all error message output targets. Set the setting on a by process basis as some

binaries may output the same error message on error condition and suppressing the message would alter the normal output. Do not insert any whitespaces.

Example to suppress error messages OpC50-10 and OpC50-202 for opcmmsgm process:

```
ovconfchg -ovrg server -ns opc.opcmmsgm \  
-set OPC_SUPPRESS_ERROR_LIST \  
"50-10,50-202"
```

Type/Unit : string
Default :
Documented : Y (Patch text)
Since Rel. : A.08.30
ObsoleteSince. :
Used In : namespace: eaagt, opc (>=OV08)
Search-Keys : error message suppression

OPC_TEMPL_STATUS

Flags : external
Description : Log file encapsulator and monitor agent maintain the files le.status and monitor.status in the tmp directory of the managed node. These files contain the current (internal) status of their sources if this variable is set to TRUE.
Type/Unit : bool
Default : FALSE
Documented : N
Since Rel. : A.07.22
ObsoleteSince. :
Used In : opcinfol (<=OV07); namespace: eaagt (>=OV08)
Search-Keys :

OPC_TRACE_CHILD

Flags : external
 Description : Flag whether tracing will be enabled between fork and exec for the child process (enabling can lead to mutex deadlock on multiprocessor machines)
 Type/Unit : bool
 Default : FALSE
 Documented :
 Since Rel. :
 ObsoleteSince. :
 Used In : opcinfol, opcsvinfo (<=OV07); namespace: opc (>=OV08)
 Search-Keys :

OPC_TRAP_CHARSET

Flags : external
 Description : Character set of incoming snmp traps. If possible, this character set is converted to OPC_NODE_CHARSET. If this flag is not set, the character is not converted.

NOTE: Only available on Windows nodes.

Type/Unit : string
 Default :
 Documented : NSMbb63276
 Since Rel. : A.07.25
 ObsoleteSince. :
 Used In : opcinfol (<=OV07); namespace: eaagt (>=OV08)
 Search-Keys :

OPC_TRUNCATE_ORIG_TEXT

Flags : external
Description : Truncate the original message text to the configured length.

-1 : No truncation done (Default)
0 : No original message sent at all
 : Truncation done after the nth character

Type/Unit : integer
Default : -1
Documented : JAGae61807
Since Rel. : A.07.22
ObsoleteSince. :
Used In : opcinfo (<=OV07); namespace: eaagt (>=OV08)
Search-Keys :

OPC_USE_PROTECTTOLS

Flags : external
Description : The HP ProtectTools offer enhanced security features on Windows. One of them is password tagging, salting, and preprocessing.

If these tools are active, the agent needs to preprocess passwords to be able to perform a switch user.

If this flag is set to TRUE, the agent tries to perform such preprocessing.

Type/Unit : bool
Default : FALSE
Documented :
Since Rel. : A.07.28
ObsoleteSince. :
Used In : opcinfo (<=OV07); namespace: eaagt (>=OV08)
Search-Keys :

OPC_USE_UDP_AS_TRAP_SOURCE

Flags : external

Description : Set this variable to TRUE to match the pmd's -u option.
The agent_addr (source of the trap) is then overwritten by the UDP packet header's source IP address. Works only when pmd is running with -u.

Type/Unit : bool

Default : FALSE

Documented : NSMbb45184

Since Rel. : A.06.11; A.07.11

ObsoleteSince. :

Used In : opcinfo (<=OV07); namespace: eaagt (>=OV08)

Search-Keys :

OPC_VC

Flags : external

Description : Flag whether ITO runs on a Veritas-cluster system
Is set during installation by postinstall script.

Type/Unit : bool

Default : FALSE

Documented :

Since Rel. :

ObsoleteSince. :

Used In : opcsvinfo opcinfo (<=OV07); namespace: opc (>=OV08)

Search-Keys :

OPC_WBEMI_BUF_SIZE

Flags : external

Description : MESSAGE OpC30-344:
Policy '...': Buffer overflow. Some objects cannot be checked against the rules of the policy. Maximum size of buffer is ...

INSTRUCTION:

The WMI/WBEM interceptor uses an internal queue to buffer incoming objects until they can be checked. The default size of this queue is 10000 objects but this size can be changed by configuring the OPC_WBEMI_BUF_SIZE variable in the opcinfo file.

If a lot of objects are received, the configured buffer size is insufficient. In this case, the oldest objects are deleted from the queue and not handled.

There are some possibilities to avoid such a buffer overflow:

- check why so many objects arrive. Perhaps it is possible to avoid the creation of the objects.
- check whether it is possible to limit the number of objects the WMI/WBEM interceptor has to handle by using a "global WQL filter" for the policy. WMI sends only the objects matching the filter to the WMI/WBEM interceptor.
- check whether it is possible to use rules to suppress objects

Type/Unit :
Default :
Documented :
Since Rel. :
ObsoleteSince. :
Used In : opcinfo (<=OV07); namespace: eaagt (>=OV08)
Search-Keys :

OPC_WIN_DONT_USE_PATH_NWDRIIVE

Flags : external
Description : Force the Windows agent to scan the currently used environment PATH and remove all mapped network drives referenced in the PATH to avoid login

errors on the machines providing the network shares.

Note: This also removes relative PATH entries
such as "." or ".." .

Type/Unit : BOOLEAN (TRUE|FALSE)
 Default : FALSE
 Documented :
 Since Rel. : A.07.20
 ObsoleteSince. :
 Used In : opcinfo (<=OV07); namespace: eaagt (>=OV08)
 Search-Keys :

POLICY_MIN_INTERVALS_WAIT

Flags : external
 Description : Minimum number of wait intervals before stopping a policy
if it does not receive any data.

Important for program sources where the execution time of an
external program depends on the current system performance.

If the system is very busy, it is possible that the execution
takes longer than the configured interval. Reconfiguring the
time interval that the monitor agent waits for the external
programs to finish can be helpful.

Use -1 if POLICY_MIN_TIME_WAIT should be used.

Use 0 if the policy should not wait.

Type/Unit : int
 Default : -1
 Documented :
 Since Rel. : A.07.26
 ObsoleteSince. :
 Used In : opcinfo (<=OV07); namespace: eaagt (>=OV08)
 Search-Keys :

SNMP_COMMUNITY

Flags : external
Description : Standard SNMP community to be used in trap interception.
Type/Unit : string
Default : public
Documented :
Since Rel. :
ObsoleteSince. :
Used In : opcinfol (<=OV07); namespace: eaagt (>=OV08)
Search-Keys :

SNMP_REFUSE_FORWD

Flags : external
Description : Specifies whether the trap interceptor accepts events forwarded from another, non-local, PMD.
Type/Unit : bool
Default : FALSE
Documented :
Since Rel. :
ObsoleteSince. :
Used In : opcinfol (<=OV07); namespace: eaagt (>=OV08)
Search-Keys :

SNMP_REMOTE_PMD

Flags : external
Description : Host where the trap interceptor tries to connect an OV PMD.
Type/Unit : string , any host name
Default : "" (local host)
Documented :
Since Rel. :

ObsoleteSince. :
 Used In : opcinfo (<=OV07); namespace: eaagt (>=OV08)
 Search-Keys :

SNMP_REMOTE_PORT

Flags : external
 Description : Port number to which opcmona connects when monitoring SNMP variables.
 Type/Unit : integer, values: > 0
 Default : 161
 Documented : QXCM1000191534/QXCR1000193250
 Since Rel. : A.07.27
 ObsoleteSince. :
 Used In : opcinfo (<=OV07); namespace: eaagt (>=OV08)
 Search-Keys :

SNMP_SESSION_MODE

Flags : external
 Description : Mode in which the trap interceptor opens a session.
 Value NNM_LIBS can only be used with Windows to support SNMP V2 traps (NNM libraries are used in this case).
 Type/Unit : string , values: TRY_BOTH,NO_TRAPD,NNM_LIBS
 Default : "" (connect local trapd)
 Documented :
 Since Rel. :
 ObsoleteSince. :
 Used In : opcinfo (<=OV07); namespace: eaagt (>=OV08)
 Search-Keys :

SNMP_SESSION_TRY_FOREVER

Flags : external
Description : If this variable set to TRUE trap interceptor process will try to connect pmd every 300 second until connection is established.
Type/Unit : bool
Default : FALSE
Documented :
Since Rel. : > A.08.17 / A.07.35
ObsoleteSince. :
Used In : opcinfo (<=OV07); namespace: eaagt (>=OV08)
Search-Keys :

SNMP_TRAP_PORT

Flags : external
Description : Port number on which opctrapi listens when not using NNM (pmd).
Type/Unit : integer, values: > 0
Default : 162
Documented : NSMbb46017
Since Rel. : A.06.12; A.07.11
ObsoleteSince. :
Used In : opcinfo (<=OV07); namespace: eaagt (>=OV08)
Search-Keys :