

HP Operations Manager for UNIX

HTTPS Agent Config Variables

Edition 1

HP-UX/Solaris



Manufacturing Part Number: None

April 2008

U.S.

© Copyright 2008 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 in 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 2008 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.

This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<http://www.openssl.org/>)

This product includes cryptographic software written by Eric Young (eay@cryptsoft.com)

This product includes software written by Info-ZIP (<http://www.info-zip.org/license.html>)

This product includes software written by Tim Hudson (tjh@cryptsoft.com)

This product includes Isof ©Copyright 2002 Purdue Research Foundation, West Lafayette, Indiana 47907.

Trademark Notices.

Adobe® is a trademark of Adobe Systems Incorporated.

Java™ and all Java based trademarks and logos are trademarks or registered trademarks of Sun Microsystems, Inc. in the U.S. and other countries.

Microsoft® is a U.S. registered trademark of Microsoft Corporation.

Oracle® is a registered U.S. trademark of Oracle Corporation, Redwood City, California

OSF, OSF/1, OSF/Motif, Motif, and Open Software Foundation are trademarks of the Open Software Foundation in the U.S. and other countries.

SQL*Plus® is a registered U.S. trademark of Oracle Corporation, Redwood City, California

UNIX® is a registered trademark of the Open Group.

Windows NT® is a U.S. registered trademark of Microsoft Corporation.

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

Export and Cryptography Notice.

This software may not be exported, re-exported, transferred or downloaded to or within (or to a national resident of) countries under U.S. economic embargo including the following countries:

Cuba, Iran, Iraq, Libya, North Korea, Sudan and Syria

This list is subject to change.

This software may not be exported, re-exported, transferred or downloaded to persons or entities listed on the U.S. Department of Commerce Denied Persons List, Entity List of proliferation concern or on any U.S. Treasury Department Designated Nationals exclusion list, or to parties directly or indirectly involved in the development or production of nuclear, chemical, biological weapons or in missile technology programs as specified in the U.S. Export Administration Regulations (15 CFR 744).

In addition, please be advised that this software contains cryptography and is subject to U.S. cryptography export regulations.

1. List of the HP Operations Manager 8.51 HTTPS Agent Configuration Variables 3

Contents

1 List of the HP Operations Manager 8.51 HTTPS Agent Configuration Variables

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

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 : opcinfo (<=OV07); namespace: eaagt (>=OV08)
Search-Keys : ECS

ECA_INSTANCE

Flags : external
Description : instance-number of OVO's ECS engine on managed node (opceca).
OVO get the ids 11 - 20.
Type/Unit : int
Default : 12

Documented :
Since Rel. : A.07.00
ObsoleteSince. :
Used In : opcinfol (<=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; a) at startup, b) at re-config time; avoid race cond.
Type/Unit : int (seconds)
Default : 10
Documented :
Since Rel. : A.07.00
ObsoleteSince. :
Used In : opcinfol, opcsvinfo (<=OV07); namespace: opc (>=OV08)
Search-Keys : ECS

EC_MAX_ESOK_TRY

Flags : external
Description : max. number of retries done 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 : opcinfol, opcsvinfo (<=OV07); namespace: opc (>=OV08)
Search-Keys : ECS

EXT_INTERVAL

Flags : external
 Description : Values of interval the monitor queue will be 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 : In here it is possible to specify, how often the startup of the collection should be restarted if it failed before.
 Use 0, if no retries should be done.
 Use -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 : A policy which is in failed state tries to reactivate.
The waiting time until the reactivation is done 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 : opcinfol (<=OV07); namespace: eaagt (>=OV08)
Search-Keys :

IPADDR_CHECK_INTERVAL

Flags : external
Description : Time in seconds between IP address change check (for 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 : Interval the logfile encapsulator checks whether the config flag file exists (MPE only)

Type/Unit : int , second , > 5
 Default : 15
 Documented :
 Since Rel. :
 ObsoleteSince. :
 Used In : opcinfo (<=OVO7)
 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 (>=OVO8)
 Search-Keys :

MAX_NBR_PARALLEL_ACTIONS

Flags : external
Description : Number of maximum parallel automatic. The operator-init actions, is started as it is very critical. Also used by opcle when preprocessing logfiles
Type/Unit : int
Default : 10 for != MPE, 5 for MPE, 100 for Novell; 25 since OV08 UX/Win
Documented :
Since Rel. : A.01.00
Used In : opcinfor (<=OV07); namespace: eaagt (>=OV08)
Search-Keys :

MAX_RETRIES_UNTIL_POLICY_FAILED

Flags : external
Description : This is the number, how often a policy should try to collect data.
This is important for usage with external program sources. If the external program has a problem the policy handling should not be stopped immediately. Therefore the external collection is stopped and restarted for some times. With this variable it can be specified, 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 : opcinfor (<=OV07); namespace: opc (>=OV08)
Search-Keys :

MON_CONFIG_FLG_INTV

Flags : external
 Description : interval, in which MPE monitor-cfg flag-file is to check
 (only MPE)
 Type/Unit : int second
 Default : 15
 Documented :
 Since Rel. :
 ObsoleteSince. :
 Used In : opcinfo (<=OV07)
 Search-Keys : MPE

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 : opcinfo (<=OV07); namespace: eaagt (>=OV08)
 Search-Keys :

OPC_ACTION_CHARSET

Flags : external
 Description : To let the opcacta 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 :
Documented :
Since Rel. : A.08.51
ObsoleteSince. :
Used In : namespace: eaagt (>=OV08)
Search-Keys :

OPC_AGENT_ID

Flags : external
Description : mgd_node identifier, that is known on agent and server;
used to identify msgs, 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 for a complete agent shutdown (opcagt -kill);
after that time agents are 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 for an interceptor process to shutdown
 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,
 therefore 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 mgmt sv to agent is accepted if mgmtsv 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 (OVO Unix)
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 WhitePaper 'DCE communication without endpoint mapper'.
Type/Unit : bool
Default : TRUE
Documented : Y
Since Rel. : A.07.10

ObsoleteSince. :
 Used In : opcsvinfo, opcinfo (<=OV07); namespace: opc (>=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 WhitePaper 'DCE communication without endpoint mapper'.
 Type/Unit : int (port number)
 Default : (not set)
 Documented : Y
 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 opcmsgd is listening on the primary management server.
 Documented in WhitePaper 'DCE communication without endpoint mapper'.
 Type/Unit : int (port number)
 Default : (not set)
 Documented : Y
 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 or not. Documented in WhitePaper 'DCE communication without endpoint mapper'.
Type/Unit : bool
Default : TRUE
Documented : Y
Since Rel. : A.07.10
ObsoleteSince. :
Used In : opcsvinfo, opcinfo (<=OV07); namespace: opc (>=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 WhitePaper 'DCE communication without endpoint mapper'.
Type/Unit : string
Default : (not set)
Documented : Y
Since Rel. : A.07.10
ObsoleteSince. :
Used In : opcsvinfo, opcinfo (<=OV07); namespace: opc (>=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 : dynamic evaluation of logpaths in logfile encapsulator is done only after startup or template distribution, if this var. is set; behaviour like ITO 6 and earlier

Type/Unit : bool

Default : FALSE
Documented :
Since Rel. : A.07.00
ObsoleteSince. :
Used In : opcinfo (<=OVO7); namespace: eaagt (>=OVO8)
Search-Keys :

OPC_EVENT_RETRY_OLDEST

Flags : external
Description : Set the number of retries the opcle does to read an event in case the EventLog fills up very fast.
In case the EventLog fills up very fast, it might happen, that the last Events are overwritten, before the opcle can process them. In order to keep up with the fill rate of the EventLog, the opcle has to 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 (<=OVO7); namespace: eaagt (>=OVO8)
Search-Keys :

OPC_EVENT_RUNTIME_ONLY

Flags : external

Description : configure the Windows Event Log monitoring to read only events that come in during the agent runtime. All events the come in 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_IMMEDIATE_SHUTDOWN

Flags : external

Description : Defines whether the agent does wait on Windows that the Service Control Manager does request the agent service to stop during system shutdown or whether it listens for the console messages and does shutdown once this is received.

By default, the agent does wait for the SCM.

Once this value is set to TRUE it does shutdown 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 (<=OV07); namespace: opc (>=OV08)

Search-Keys :

OPC_INCLUDE_VIRTUAL_IP_ADDRS_FOR_LOCAL_NODE_MAPPING

Flags : external

Description : Since 8.16, the virtual addresses of HA packages are no longer be regarded when trying to figure out, if the message node is local or not. This means:

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

will be 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. By that the messages were ignored for the service tree of the virtual host and the status calculation got messed up.

Since 8.16, the OPC_SET_PROXY_FLAG_FOR_IP_ADDRESSES setting is no longer needed.

The OPC_INCLUDE_VIRTUAL_IP_ADDRS_FOR_LOCAL_NODE_MAPPING switches back to the old behaviour if set to TRUE.

Type/Unit : bool

Default : FALSE

Documented :

Since Rel. : A.08.16

ObsoleteSince. :

Used In : namespace: eaagt

Search-Keys :

OPC_INT_MSG_FLT_AWS

Flags : external

Description : With this variable set to TRUE, OVO internal messages will always be filtered by the Message Interceptor, even if the process itself is not running. Internal messages will arrive in this case at next startup of the Message Interceptor. Setting this variable to TRUE, no internal messages will be sent unfiltered to the Management Server anymore. Be careful using this setting, as OVO internal message

might arrive delayed on the Management Server!

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: opc (>=OV08)
 Search-Keys :

OPC_IS_ITO_SE

Flags : external
 Description : indicates that ITO-SE is configured on a managed node.
 Type/Unit : bool
 Default : FALSE
 Documented :
 Since Rel. :
 ObsoleteSince. : A.08.00
 Used In : opcinfo (<=OV07)
 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

Flags : external
Description : If killing for automatic actions is enabled everytime an action should be started the action agent checks if its action queue contains already 10 actions. If so, it checks if the action running for the longest time runs longer than the predefined time out. If this is the case it kills this action.
This works only with OPC_NO_SHELL_TO_EXEC_ACTION TRUE on unix platform.
Type/Unit : boolean
Default : TRUE
Documented : Y
Since Rel. : A.07.21
ObsoleteSince. :
Used In : opcinfo (<=OV07); namespace: opc (>=OV08)
Search-Keys :

OPC_KILL_AUTO_ACTION_TIMEOUT

Flags : external
Description : Defines the timeout 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 : opcinfo (<=OV07); namespace: opc (>=OV08)
 Search-Keys :

OPC_KILL_SCHEDULE

Flags : external
 Description : On NT processes started for scheduled actions from the action agent sometimes hang. The action agent was designed just to wait until a the process finishes. Therefore more and more processes were started and were blocked, too.

The design was changed to do the following:

If a new request to start a process for a scheduled action arrives at the action agent it is first checked whether the process started from the same policy earlier still runs.

IF YES

THEN

It is checked whether the process already runs longer then a 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 like
it did before

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

OPC_KILL_SCHEDULE_TIMEOUT

Flags : external
Description : Defines the timeout 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 the number is used to check
<0 no timeout check is done, the old process is killed
immediatly

Type/Unit : int
Default : 55
Documented : Y
Since Rel. : A.07.22
ObsoleteSince. :
Used In : opcinfol (<=OV07); namespace: opc (>=OV08)
Search-Keys :

OPC_LE_CHECK_INODE

Flags : external
 Description : Sets the interval when a file name change is recognized by the logfile 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 is set to TRUE, the NT msg DLL for EventLog messages gets closed after every read. This might cause a bigger CPU usage of the logfile encapsulator process but it doesn't lock DLL's and so software may be updated while the ITO 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 then temporarily unavailable logfiles (NFS mounted

etc) will not be treated as recreated/truncated logfiles. Once the log file is available it is read from the last read position

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

OPC_LE_MAX_LINES_READ

Flags : external
Description : Determines how many lines the logfile encapsulator reads per interval.
A value of 0 means that there is no limit.
Type/Unit : int

Default : 50
 Documented :
 Since Rel. :
 ObsoleteSince. :
 Used In : opcinfo (<=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
 ObsoleteSince. :
 Used In : opcinfo (<=OV07); namespace: opc (>=OV08)
 Search-Keys :

OPC_MGMTSV_CHARSET

Flags : external
 Description : Character Set of management server
 Type/Unit : string ,
 Default : iso88591
 Documented :

Since Rel. :
ObsoleteSince. :
Used In : nodeinfo, opcsvinfo (<=OV07); namespace: eaagt,opc (>=OV08)
Search-Keys :

OPC_MONA_MSG_PER_STATE

Flags : external
Description : A message is sent each time a state/threshold is reached rather than just the first time. This applies only to Advanced Monitoring in opcmona.
Type/Unit : bool
Default : TRUE
Documented :
Since Rel. : A.07.23
ObsoleteSince. :
Used In : opcinfo (<=OV07); namespace: eaagt (>=OV08)
Search-Keys :

OPC_MSGA_ITO6_COMPAT_MODE

Flags : external
Description : Forces opcmsga to send the message in the old ITO 6 format so that it can read by an ITO 6 Message Receiver.
Type/Unit : bool
Default : FALSE
Documented :
Since Rel. : A.07.25
ObsoleteSince. :
Used In : opcinfo (<=OV07)
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 logfile encapsulator will read newly discovered logfiles from the beginning. Newly discovered meaning, that a script is used to dynamically list the logfiles to be monitored and this logfile template has already run once.

If set to FALSE (default), such newly discovered logfiles will be 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 ITO admin GUI
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 : Don't ask the ITO-server for new config at agent startup.
This works only for following combinations:
- All agents in OVO for Windows environment.
- Only NT agent in ITO/OVO for UNIX environment.
Type/Unit : bool
Default : FALSE
Documented :
Since Rel. :
ObsoleteSince. :
Used In : opcinfo (<=OV07)
Search-Keys :

OPC_NO_MSG_FLT_FOR_BUFFER_MSG

Flags : external
Description : When internal message filtering is enabled, all internal messages will be passed on to the message interceptor by default. If this flag is set to TRUE, messages regarding

the message agent's buffering (OpC40-1410 and OpC40-1411) will be excluded, i.e. they will be forwarded to the GUI/DB directly. This will avoid the situation that these messages will be buffered as well.

Type/Unit : boolean
 Default : FALSE
 Documented :
 Since Rel. : A.07.23
 ObsoleteSince. :
 Used In : opcinfo opcsvinfo (<=OV07); namespace: opc (>=OV08)
 Search-Keys :

OPC_OPCMON_OVERRIDE_THRESHOLD

Flags : external
 Description : If set to TRUE, it enables the threshold/reset override feature for monitor policies in the monitor agent.
 Type/Unit : int
 Default : FALSE
 Documented :
 Since Rel. : A.08.51
 ObsoleteSince. :
 Used In : namespace: eaagt (>=OV08)
 Search-Keys :

OPC_OPCMSG_API_CHECK_MSGI_RUNNING

Flags : external
 Description : If set to TRUE, opcmsg() and opcagtmsg_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_PRIMARY_MGR

Flags : external
Description : Define primary manager for messages corresponds with mgrconf policy.
e.g.:
[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. This is helpful due to a problem in Windows 2000. Here some 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 don't run tools that require a switch user, you can safely set this option to FALSE.
 Otherwise, please install the HotFix provided by Microsoft.

Type/Unit : bool

Default : TRUE

Documented :

Since Rel. : A.07.23 - A.08.1x

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 will be synchronized to the disk at critical places. This drastically reduces queue performance, but further reduces the chance of corrupted queue files.

Type/Unit : bool
Default : FALSE
Documented :
Since Rel. : A.07.23
ObsoleteSince. :
Used In : opcsvinfo/opcinfo (better limit it to opcmsgm only)
Search-Keys :

OPC_RESOLVE_IP

Flags : external
Description : Specifies the IP-address that should be used for managed node
to contact its primary manager
Type/Unit : string , a.b.c.d (e.g. 15.136.120.1)
Default : (not set)
Documented :
Since Rel. :
ObsoleteSince. : A.08.00
Used In : opcinfo (<=OV07)
Search-Keys :

OPC_RESOLVE_TRAP_LOCALHOST

Flags : external
Description : If set to true, the trap/event interceptor will replace
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_COUNT

Flags : external

Description : Defines how often an aborted sub agent process should be restarted. Within the specified minimum runtime. In case a process stops more often it wont be restarted.
(See OPC_RESTART_SUBAGENT)

Type/Unit : integer

Default : 5

Documented :

Since Rel. : A.07.15

ObsoleteSince. :

Used In : opcinfo (<=OV07)

Search-Keys :

OPC_RESTART_DELAY

Flags : external

Description : Defines the time the control agent waits before it restarts an aborted sub agent process. The time is specified in seconds.

Type/Unit : integer

Default : 10

Documented :

Since Rel. : A.07.15

ObsoleteSince. :

Used In : opcinfo (<=OV07)

Search-Keys :

OPC_RESTART_MINIMUM_RUN_TIME

Flags : external
Description : Defines the timeframe 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_RESTRICT_TO_PROCS

Flags : external

Description : each line below this statement in opcinfol | opcsvinfo variables up to end_of_file or next OPC_RESTRICT_TO_PROCS statement is applied only to the process-list given with this variable. Example from opcsvinfo-file

```

...
OPC_RESTRICT_TO_PROCS opcdistm
OPC_COMM_PORT_RANGE 9000
OPC_RESTRICT_TO_PROCS opcmsgrd
OPC_COMM_PORT_RANGE 9001
OPC_RESTRICT_TO_PROCS opcmmsgm,ovoareqsdr,opcdistm
OPC_NAMESRV_CACHE_SIZE 1000

```

Type/Unit : string , comma-separated process-list

Default :

Documented :

Since Rel. :

ObsoleteSince. : A.08.00

Used In : opcsvinfo, opcinfol (<=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. :

Used In : opcinfol (<=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 , LOCAL_ONLY, ALWAYS, NEVER
Default : LOCAL_ONLY
Documented :
Since Rel. :
ObsoleteSince. :
Used In : opcinfol, opcsvinfo (<=OV07); namespace: 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 there was already a message generated out of one 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 behaviour 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 (<=OV07); namespace: eaagt (>=OV08)
 Search-Keys :

OPC_SEND_SUBPROD_MSGS_IF_NO_ITOSE

Flags : external
 Description : If a sub-product is installed (normally via ITO-SE), but ITO-SE is disabled (opcinfo-var OPC_IS_ITO_SE not set or FALSE), msgs from that sub.prod are deleted unless this variable is set. If set, msgs go to ITO-server.
 Type/Unit : bool
 Default : FALSE
 Documented :
 Since Rel. :
 ObsoleteSince. : A.08.00
 Used In : opcinfo (<=OV07)
 Search-Keys : ITO_SE

OPC_SET_PROXY_FLAG_FOR_IP_ADDRESSES

Flags : external
 Description : Specify a list of local IP addresses that will not be 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 will be 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.

Type/Unit : string (comma separated list of IP addresses, e.g.
Default : ""
Documented :
Since Rel. :
ObsoleteSince. :
Used In : `opcinfo (<=OV07); namespace: eaagt (>=OV08)`
Search-Keys :

OPC_SG

Flags : external
Description : Flag whether ITO runs on a ServiceGuard system
Is set during installation by `OVOPC-UX-MGR78/postinstall` script.
Type/Unit : bool
Default : FALSE
Documented :
Since Rel. :
ObsoleteSince. :
Used In : `opcsvinfo opcinfo (<=OV07); namespace: opc (>=OV08)`
Search-Keys :

OPC_TEMPL_STATUS

Flags : external
Description : Logfile encapsulator and monitor agent will maintain a file `le.status` and `monitor.status` in the agent's `tmp` directory containing the current (internal) status of their sources if set to TRUE.

Type/Unit : bool
 Default : FALSE
 Documented : N
 Since Rel. : A.07.22
 ObsoleteSince. :
 Used In : opcinfo (<=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 : opcinfo, opcsvinfo (<=OV07); namespace: opc (>=OV08)
 Search-Keys :

OPC_TRAP_CHARSET

Flags : external
 Description : Charset of incoming snmp traps. If possible, this charset is converted to OPC_NODE_CHARSET. If this flag is not set, no conversion will be done.
 NOTE: Only available with Windows agent!
 Type/Unit : string
 Default :
 Documented : NSMbb63276
 Since Rel. : A.07.25

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

OPC_TRUNCATE_ORIG_TEXT

Flags : external
Description : Truncate the original message text to a maximum length
-1: no truncation done (Default)
0: no original message sent at all
 : truncation done after the n'th 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/preprocessing.
In case those tools are active, the agent
needs to preprocess password in order to be able
to perform a switch user.
When setting this flag to TRUE, the agent tries to do this.
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 : To match the pmd's -u option, this var can be set to TRUE.
 Then the agent_addr (source of the trap) will be 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. :
 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 can not 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 using the variable OPC_WBEMI_BUF_SIZE in the opcinfo file.
If a lot of objects come in it might be possible that the buffer is not large enough. 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 much objects come in. 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 to remove all mapped network paths referenced in the PATH to avoid login errors on the machines providing the network share. Please note, this also removes relative PATH entries like "." 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 when it doesn't get any data.
 This is important for usage with program sources where the execution time of an external program depends on the current system performance. In case the system is very busy it may happen that the execution takes longer than the configured interval and to configure how long the monitor agent should wait for the external programs to finish this variable can be used.
 Use -1 if this POLICY_MIN_TIME_WAIT should be used and 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 : opcinfor (<=OV07); namespace: eaagt (>=OV08)
Search-Keys :

SNMP_REFUSE_FORWD

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

SNMP_REMOTE_PMD

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

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

SNMP_REMOTE_PORT

Flags : external
 Description : port number where opcmona connects to 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 how the trap interceptor opens a session. value NNM_LIBS
 can only be used with Windows to support SNMP V2 traps
 (NNM libs 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 where opctrapi listens on 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 :