CA OPS/MVS® Event Management and Automation

Release Notes

Release 12.2

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CA Technologies Product References

This document references the following CA Technologies products:

- CA Automation Point (CA Automation Point)
- CA ACF2 (CA ACF2)
- CA OPS/MVS® Event Management and Automation (CA OPS/MVS)
- CA Top Secret® CA Top Secret
- CA SYSVIEW® Performance Management (CA SYSVIEW)

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Chapter 1: New Features

This section contains the following topics:

RESTful Web Services (see page 7)
Displays for Mobile Devices (see page 8)
SSMGAV2 (see page 8)

RESTful Web Services

CA OPS/MVS provides a RESTful web services infrastructure that lets third-party applications make requests on a remote computer and receive data to and from CA OPS/MVS RDF tables that run on z/OS. This API performs read-only operations on RDF tables.

Since this API is a web service API, you can write applications in any programming language. You can also run these applications on any operating system, and the applications can reside on any computer in the corporate network.

The component provides two samples to demonstrate how to call the Web Services API:

- A Java-based program that demonstrates how to generate the web request and display the results to the console.
- A Java-based program that requests RDF table information and displays the table in a GUI window. This sample executes on Windows.

Note: For more information about the web services capabilities, see the *Administration Guide* and *Installation Guide*. For example, how you configure the AP web service listener on the AP server, how you deploy and configure the optional AP web service client on a remote computer, and how you establish appropriate security.

Displays for Mobile Devices

WebCenter provides the following features for mobile devices:

OPS/MVS Mobile

Displays information about state mismatches. If you also have CA SYSVIEW, you see extra information such as CPU, storage, and paging statistics.

The URL for accessing this display is *webcenter_url*/m/ops/opsMobile.esp

SmartServer RSS Feeds

Displays operations automation alerts. The delivery mechanism is an RSS feed.

The URL for accessing this display is *webcenter_url*/public/nmdata.rss

Important! To use this feature, ensure that the following statement is in your WebCenter TESTEXEC(RUNSYSIN) member: PPREF='PROD=RSS'

The WEBCENTER parameter group enables you to configure the features.

Note: For more information, see *WebCenter Reference Guide*.

SSMGAV2

The System State Manager Global Application Version 2 (SSMGAV2) uses some basic features of CA OPS/MVS SYSPLEX capabilities, SSM, and a new REXX-coded application to implement monitoring and control of operations that span multiple systems in a SYSPLEX. SSMGAV2 uses the SYSPLEX features to remove the MSF dependency, global system concept, and data replication that SMGA needs.

Note: For more information about SSMGAV2, such as how to convert from SSMGA to SSMGAV2, see the *User Guide*.

Chapter 2: Enhancements to Existing Features

This section contains the following topics:

CA CSM (see page 9)
Switch Operations Enhancement (see page 10)
OPSLOG Data Merge from Multiple Systems (see page 10)
OPSLOGMG Function (see page 10)
OPSLOG Archive System (see page 11)
OPSVASRV Function (see page 11)
OPSTHRSH Function (see page 11)
Restore a Local SYSCHK1 From Backup (see page 11)
ADDRESS OPER Host Environment Enhancements (see page 12)
Action Verification Parameter (see page 12)
SSMMONDISP Parameter (see page 12)
SSM Resource Editor Enhancement (see page 12)
Message Rules (see page 13)
OPSLOG Profile Enhancement (see page 13)
AOF Test Facility Enhancements (see page 13)
UNIX System Services Enhancement (see page 13)
AOF Test Panel Enhancement (see page 13)
Documentation (see page 15)

CA CSM

CA CSM Version 6.0 lets you perform the following tasks:

- Configure products without the need to deploy them first.
- Filter target zones in a multizone SMP/E environment and organize them in zone sets.
- Schedule an automatic maintenance update for all or some products that are installed in an SMP/E environment.
- Manage product maintenance in a unified and simplified manner.

In addition, the SMP/E Environments tab was reworked to let you navigate through your SMP/E environments easier and faster, and improve your overall user experience.

Note: For more information, see the CA CSM online help.

Switch Operations Enhancement

The following enhancements have been made to the Switch Operations Facility:

- Added a new VARYDEV/NOVARYDEV option for connectivity commands.

  For more information about this option, see *Connectivity Control Commands* in the *Administration Guide*.

OPSLOG Data Merge from Multiple Systems

CA OPS/MVS lets you collect and merge live OPSLOG data from multiple systems. This data collection lets a programmer diagnose problems across multiple systems. You retrieve data from the external systems and the local system, and the data writes to a local OPSLOG dataset in the correct format.

For example, your environment experienced performance issues during a specific time period. The systems programmer identifies the specific time period and systems that are involved, and OPSLOG data is merged to provide viewing capabilities, including profiling, filtering, locating, labeling, and finding.

Merged OPSLOG data can also be optionally saved for loading into an OPSLOG dataset at a later time.

Merge requests that include systems in different time zones are normalized to the time zone of the requesting system. Merge requests for a date/time range that crosses a daylight savings time boundary relative to the current time are not adjusted for daylight savings time and can yield unpredictable results.

The OPSLOG merge function requires the OPS/MVS MSF facility and MSF license.

Note: For more information about live OPSLOG data collection from multiple systems, see the *OPSVIEW User Guide* and *Administration Guide.*

OPSLOGMG Function

The OPSLOGMG function lets you load a VSAM linear file with data from a dataset created with the OPSLOG function using the EXTOPMO option code.

Note: For more information about OPSLOGMG, see the *Command and Function Reference*.

OPSLOG Archive System

You can now schedule CA OPS/MVS to archive OPSLOG messages automatically according to the one of the following triggers:

- A specific time of day
- The passing of a specific interval of time
- The accumulation of a specific number of messages

Note: For more information about automated OPSLOG archival, see the *Administration Guide*.

OPSVASRV Function

The UPDATE keyword of the OPSVASRV function has been updated.

Note: For more information about the UPDATE keyword, see the *Command and Function Reference*.

OPSTHRSH Function

The OPSTHRSH function helps eliminate duplicate automation. OPSTHRSH lets you create criteria threshold automation logic within those AOF rules that can fire numerous times within a specific time interval.

Note: For more information about the OPSTHRSH function, see the *Command and Function Reference*.

Restore a Local SYSCHK1 From Backup

Option 7.6.4 has been added to the selective GLV recovery utilities. Restoring any GLV backup dataset to a new (or existing) local SYSCHK1 VSAM dataset provides timely and simple recovery of GLV data. You can also use recovered SYSCHK1 datasets for more realistic testing of automation applications in CA OPS/MVS test regions.

ADDRESS OPER Host Environment Enhancements

The following enhancements have been made to the ADDRESS OPER host command environment:

- The new, optional PROPUSER parameter lets you specify user ID propagation in a command.
- REXX or CLIST format variable output is now available for all non-IMS Type2 commands. IMS Type2 variable output is unchanged. The new variable output is similar to the current OPSCMD variable output. Variables are created for each message line. Tokenization variables for each message line is selectable using a new keyword, TOKENS(YES|NO). The default is TOKENS(NO). This enhancement replaces the need to execute the OPCMDOUT sample Rexx program to accomplish the same variable output.

Action Verification Parameter

The Action Verification option lets an administrator enable confirmation (Y or N) for all line commands in OPSVIEW General Settings 0.1.

Note: For more information about the Action Verification parameter, see the *OPSVIEW User Guide*.

SSMMONDISP Parameter

The SSMMONDISP parameter defines the default value for the SSM Monitor Display parameter in option 0.1. OPSVIEW adminstrators use this option to change default settings for users who interact with OPSVIEW 4.11.2 so that the edit option (which provides the most capabilities), is not the default.

Note: For more information about the SSMMONDISP parameter, see the *OPSVIEW User Guide*.

SSM Resource Editor Enhancement

The SSM Resource Editor in OPSVIEW has been updated with new a point-and-shoot field to the Action Selection panel.

Note: For more information about this field, see the *OPSVIEW User Guide*.

Message Rules

The following new keywords have been added to the MSG rule definition section:

- AUTO sets the msg.autoflag variable of a multi-line message to 1.
- NOAUTO sets the msg.autoflag variable of a multi-line message to 0.

Note: For more information about AUTO and NOAUTO, see the *AOF Rules User Guide*.

OPSLOG Profile Enhancement

The OPSLOG Profile panel option TIMEFORMAT is no longer affected by the PRCLEAR command.

AOF Test Facility Enhancements

The AOF Test facility now supports the testing of the following rules:

- API Insight IQ rules
- MLWTO message rules
- CA Workload Automation SE rules

Note: For more information about the AOF Test facility, see the *OPSVIEW User Guide*.

UNIX System Services Enhancement

A new USSSECURITY parameter has been added to the UNIX System Services (USS) feature. USSSECURITY activates dynamic modification of the security environment to match the authority of the command issuer.

Note: For more information about USSSECURITY, see the *Installation Guide* and the *Parameter Reference*.

AOF Test Panel Enhancement

The default value of the Live Commands field on the AOF Test panel is now set to NO to prevent the accidental issuing of commands.

Note: For more information about AOF Test panel fields, see the *OPSVIEW User Guide*.

Chapter 3: Documentation

This section contains topics that are related to documentation enhancements.

This section contains the following topics:

Bookshelf (see page 15)
Installation Guide (see page 15)
Message Reference (see page 15)

Bookshelf

The CA OPS/MVS bookshelf provides links to how-to articles that you help you use the product. This bookshelf also contains the updated product guides for this release.

Installation Guide

A "Global Variable Backup Methods" section has been added to the *Installation Guide*. This section describes the following backup methods:

- RDF tables and GLOBALx stem variables
- Back up only the GLOBALx variables
- Back up and restore specific RDF tables

Message Reference

An "SSMGA Messages" chapter has been added to the Message Reference. This chapter contains the following messages:

- SSMGA01O
- SSMGA02O
- SSMGAO3O
- SSMGA032
- SSMGA04O
- SSMGA05O
- SSMGA06O
- SSMGA060
- SSMGA061

- SSMGA07O
- SSMGA08O
- SSMGA080
- SSMGA09O
- SSMGA100
- SSMGA101
- SSMGA110
- SSMGA120
- SSMGA121
- SSMGA122
- SSMGA123
- SSMGA124
- SSMGA130
- SSMGA14O
- SSMGA200
- SSMGA210
- SSMGA220
- SSMGA230
- SSMGA240

Chapter 4: Migration Information

This section contains the following topics:

Migration from r12 to r12.1 (see page 17)
Address OPSCTL COF Enhancements (see page 17)

Migration from r12 to r12.1

Review the following sections if you currently have r12 installed and are upgrading to r12.1.

SMP/E Installation Changes

The job names in the SAMPJCL data set used to install the product through a manual batch JCL have changed. One new job named CLX1HOLD has been added to download ERROR and FIXCAT HOLDDATA from http://support.ca.com.

For more information, see the *CA OPS/MVS Installation Guide* for complete details.

Important! Do not use install JCL from old releases to install this release of CA OPS/MVS.

Address OPSCTL COF Enhancements

The keyword, INDIRECT(YES|NO), has been added to COF commands DEFINE, ACTIVATE, and DEACTIVATE. Setting INDIRECT(YES) causes the COF XTDOUT exit to process indirect TD messages in CICS that are not defined in the DESTIDS list. This keyword removes the need to define explicitly every indirect TD queue name in the DESTIDS list. No changes to existing COF implementations are required if the INDIRECT keyword is not used.

For more information, see ADDRESS OPSCTL COF in the Host Environment Commands section in the *CA OPS/MVS Command and Function Reference Guide*.

SOF Changes

The SOF servers running SOF 12.1 can exist in the same SOFplex with SOF servers running supported prior SOF versions. However, support for cascaded switches are not fully functional until all SOF servers in the SOFplex are running SOF version 12.1.

OPSVIEW 12.1 is not compatible with prior versions of SOF. Attempts to use the OPSVIEW SOF panels to communicate with a prior release SOF server results in error. Message 'OPS4693I Incorrect SOF Server version' is issued and the requested function is not performed. To use OPSVIEW 12.1 with SOF, you must have at least one SOF 12.1 server available for OPSVIEW.

ADDRESS SOF QUERY DEVICES LOCAL DEVICE and QUERY DEVICES LOCAL SYSNAME include two additional values in the returned stem variable. They are the CU switch array and the CU switch devid array. These values have been added as new words at the end of the stem variable to maintain backward compatibility.

Appendix A: Known Issues

Published Fixes for Release 12.2

All published fixes are available at Published Solutions on http://ca.com/support.

Demand Analysis Requests

CA OPS/MVS Release 12.2 incorporated the following demand analysis requests (DARs):

20613710:01

SCHENV function added to return the Schedule Environment Name that is associated with the output of the current address space. For details, see the *Command and Function Reference*.

21054507:01

AOF Test MSG panel updated to support MLWTO messages. For details, see the *OPSVIEW User Guide*.

21091246:01

Provides an action verification option for all line commands. For details, see the *OPSVIEW User Guide*.

21186068:01

Provides TCP segmentation offload support for OPSLOG WebView. For details see the *Installation Guide*.

21208492:02

A new section on "Global Variable Backup Methods" has been added to the *Installation Guide*.

21317531:01

The message OPM8320O has been updated to display the actual log name of the archived OPSLOG.

21430639:01

SOF connectivity control commands now support the new VARYDEV and NOVARYDEV parameters.

21443920:01

Provides Verification Option When Stopping SSM Managed Resources. For details, see the *OPSVIEW User Guide*.

21475197:01

SSMMONDISP parameter added to modify the default value for SSM Monitor Display. For details, see the *OPSVIEW User Guide*.

21535448:01

ADDRESS OPER host command environment updated to support user ID propagation in a command. For details, see the *Command and Function Reference*.

21575326:1

Option 7.6.4 has been added to the selective GLV recovery utilities. Restoring any GLV backup dataset to a new (or existing) local SYSCHK1 VSAM dataset provides timely and simple recovery of GLV data. For details, see the *OPSVIEW User Guide*.

Appendix B: Messages

This appendix contains the new, updated, and deleted messages in Release 12.2.

Note: For information about each message, see the *Message Reference*.

New Messages

This section contains new messages.

OPS0190W

TOD RULE ruleset.rulename IS WAITING FOR COMMAND OUTPUT, THIS CAPABILITY WILL BE REMOVED IN A FUTURE RELEASE

Modifiable: Yes

Reason:

The described Time Of Day rule has issued a command and is waiting for output. Because of the negative effect of TOD rules waiting and blocking AOF processing this capability will be removed in a future release. Check the rule in question to determine if it really needs the command output, if so convert to an OPS/REXX program that runs in an OSF server.

Action:

User should review TOD rules that issue commands and wait for output and change them to issue an address OSF to replicate the functionality.

OPS3164I

pana = pavl has reached pana = pavl

Modifiable: Yes

Reason:

This message provides information about threshold product parameters during emergency product shutdown.

Action:

None. This message is for informational purposes only. See message OPS3146S for additional information regarding emergency product shutdown.

The variable fields of the message text are:

pana

Specifies the parameter name

pavl

Specifies the parameter value

OPS7005E

TABLE rdftbl DOES NOT EXIST

Modifiable: Yes

Reason:

A table name that does not exist was specified in an SQL statement. The table name could be misspelled or exist under another OPS subsystem.

Action:

Correct the table name and reissue the command.

The variable fields of the message text are:

rdftbl

The RDF table name

OPS8336E

ARCHIVETRIG parameter is invalid: archivetri

Modifiable: Yes

Reason:

ARCHIVETRIG parameter is syntactically wrong or contains an invalid value.

Action:

Correct the value and restart the archive subtask.

The variable fields of the message text are:

archivetri

Invalid value of ARCHIVETRIG parameter

Updated Messages

This section contains updated messages.

OPS8320O

OPSLOG archive creation completed, MAXRC=rc

Modifiable: Yes

Reason:

The OPSLOG archive creation program has completed. MAXRC is the maximum return code from all archives requested.

0 - All archive requests completed successfully

4 - Warning messages were issues

8 - At least one archive request was not successful

12 - None of the archive requests were successful

16 - Archive input/output unavailable, no archives taken

Action:

No action is required on this message. The meaning of the return code is:

The variable fields of the message text are:

rc

Maximum return code

Deleted Messages

This section contains deleted messages.

OPS0125O

var1 messages since the last archive. Current message number is var2 - lgnm

Modifiable: Yes

Reason:

OPSLOG initialization detected that a prior request to archive the named OPSLOG has failed.

Action:

This message may be used as a trigger for restarting the OPSLOG archive program based on the number of messages since the last archive rather than on a time basis. This message is related to message 4403.

The variable fields of the message text are:

var1

Number of messages since last archive

var2

Current OPSLOG message sequence number

lgnm

OPSLOG log name