

CA OPS/MVS New Features and Roadmap

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Session **OB**



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CA OPS/MVS Release Overview

- OPS/MVS 13.0
 - Complete GA Released on November 13, 2017
- OPS/MVS 13.5
 - Incremental GA released February 2018
 - Tentatively scheduled February 2020 for Complete Release
- Automation Point 11.6
 - Complete GA released January 17, 2019
 - 11.6.1 Service Pack Released September 2019

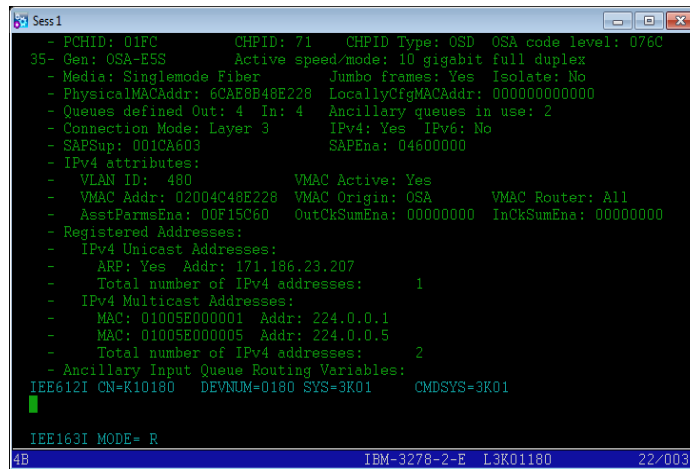
Automation Point 11.6 New Features

- Expanded the number of 3270 console connections supported per AP instance from 64 to 128
- Remove license check for 3270 option
- Reintegration of Distributed CCI w/TLS 1.2 support and removal of CCI PC
- Internalize SNMP trap support

Remote Viewer Session Colorization

Automation Point 11.6

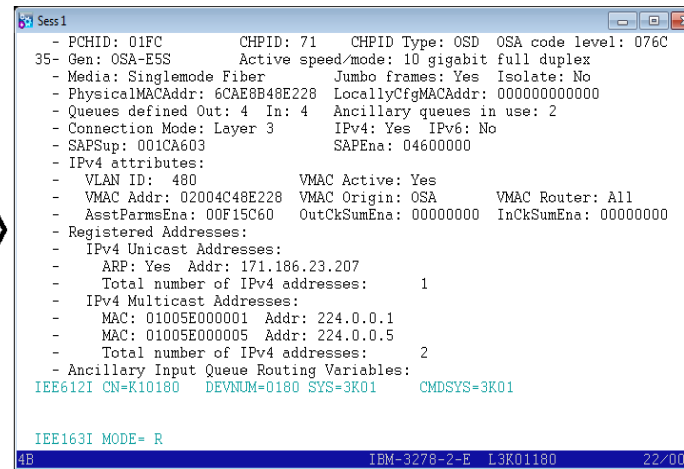
- Ability to change the background and text color at a session level within Remote Viewer.
- Allows Administrators to distinguish different types of system via color coding (Ex. Production and Test)



```

Sess1
- PCHID: 01FC      CHPID: 71      CHPID Type: OSD  OSA code level: 076C
35- Gen: OSA-E55   Active speed/mode: 10 gigabit full duplex
- Media: Singlemode Fiber      Jumbo frames: Yes  Isolate: No
- PhysicalMACAddr: 6CAE8B48E228  LocallyCfgMACAddr: 000000000000
- Queues defined Out: 4  In: 4  Ancillary queues in use: 2
- Connection Mode: Layer 3      IPv4: Yes  IPv6: No
- SAPSup: 001CA603             SAPEna: 04600000
- IPv4 attributes:
-   VLAN ID: 480                VMAC Active: Yes
-   VMAC Addr: 02004C48E228      VMAC Origin: OSA      VMAC Router: All
-   AsstParmsEna: 00F15C60       OutCkSumEna: 00000000  InCkSumEna: 00000000
- Registered Addresses:
-   IPv4 Unicast Addresses:
-     ARP: Yes  Addr: 171.186.23.207
-     Total number of IPv4 addresses: 1
-   IPv4 Multicast Addresses:
-     MAC: 01005E000001  Addr: 224.0.0.1
-     MAC: 01005E000005  Addr: 224.0.0.5
-     Total number of IPv4 addresses: 2
- Ancillary Input Queue Routing Variables:
IEE612I CN=K10180  DEVMUM=0180 SYS=3K01  CMDSYS=3K01

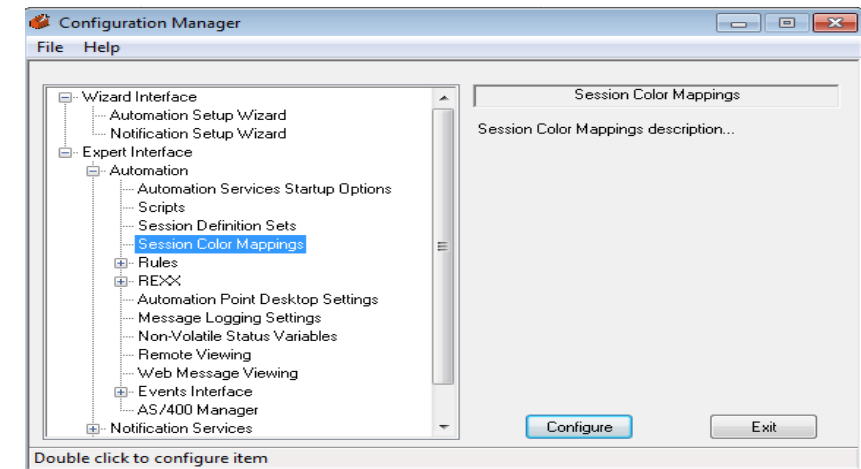
IEE163I MODE= R
4B IBM-3278-2-E L3K01180 22/003
  
```

```

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IEE163I MODE= R
4B IBM-3278-2-E L3K01180 22/003
  
```



OPSLLOG Archive Restore Improvements

- Primary Line command – ARCHREST
 - Syntax – ARCHREST *date time*
 - Date - a date (for example, 5APR87, 5APR, 05APR1987)
 - Time - a time in hh:mm:ss format (for example, 11:, 11:00, 11:00:00)
 - Automatically find the correct Archive Dataset and drop you right in the restore panel

```

OPSLLOG Browse OPS11L  CA11 OPSLOG
Command ==> ar 06may 12:00
Date Time      ----+----1----+----2----+----3----+----4----+----5
07MAY 07:14:39 IEF196I CAJR251I RC          27 L2TSTPGM FLUSH
07MAY 07:14:39 IEF196I 00:00:00.00 00:00:00.00      0      0
07MAY 07:14:39 PQ3030# JOB13050 STEP 27 RC.BODY PGM=L2TSTPGM ENDF
  
```


Integration with Service Management Products

- Products Supported

- CA Service Desk Manager
- ServiceNow
- ServiceAide
- HP Service Manger
- SAP Solution Manager ITSM
- Salesforce Service Cloud
- BMC Remedy

- Ability to Open Tickets via Address USS Command SMREQ

- Fields vary depending on product
- Examples: Assignment Group, Description, Impact, Urgency, Priority, Type, Impacted User

- When "stem" keyword specified returned output includes

- Ticket Number
- URL to launch in context

Example 1: Open an incident with ServiceNow.


This command opens an incident with third-party service management product ServiceNow. It waits for a maximum of 90 seconds to receive a response, and stores the response in the REXX stem variable named OUT.

```
ADDRESS USS "SMREQ name('SMREQ sample') description('ServiceNow') Service(ServiceNow) stem(out.) wait(90)"
```


CA Normalized Integration Management for Service Management

- Allows abstraction of Service Management product
- Quickly convert between products without having to change hundreds of OPS/MVS Rules and/or REXX programs
- OPS/MVS configuration allows for multiple NIM SM deployments
 - Mainframe Local, Mainframe Remote, Distributed
- SMREQ keywords allow for
 - Addressing default NIM SM based upon USS Service configuration
 - Addressing a command specific NIM SM
 - Looping through multiple NIM SM's until successful

CA NIM SM Product Selection



CA Normalized Integration Management for Service Management
nimadmin [Log Out](#)

Service Management

Configurations Customizations Authentication API Explorer

Options	Default Service Desk Product	Save
Default Service Desk Product	Select the Service Management Product to be used by CA NIM	
ServiceNow(ServiceNow)	Product Name	Default
CA Service Desk Manager(CASDM)	ServiceNow(ServiceNow)	<input checked="" type="radio"/>
ServiceAide(serviceaide)	CA Service Desk Manager(CASDM)	<input type="radio"/>
BMC Remedy ITSM(BMCRemedy)	ServiceAide(serviceaide)	<input type="radio"/>
HP ServiceManager(HPServiceManager)	BMC Remedy ITSM(BMCRemedy)	<input type="radio"/>
SAP Solution Manager ITSM(SapSolManagerITSM)	HP ServiceManager(HPServiceManager)	<input type="radio"/>
Salesforce Service Cloud(SFDCServiceCloud)	SAP Solution Manager ITSM(SapSolManagerITSM)	<input type="radio"/>
Mail Server	Salesforce Service Cloud(SFDCServiceCloud)	<input type="radio"/>

CA NIM SM Product Configuration


nimadmin [Log Out](#)

CA Normalized Integration Management for Service Management
















Service Management
Configurations
Customizations
Authentication
API Explorer

CA NIM and Service Desk Product Field Mappings
[Save](#) [Reset](#)

Select a Service Desk Product

Select a CI Type

Existing Field Mappings

CA NIM Field	Data Type	Service Desk Field	Default Value	Possible Values	Action
affectedCIID	string	<input type="text" value="cmdb_ci"/>	<input type="text"/>	<input type="text"/>	
id	string	<input type="text" value="sys_id"/>	<input type="text"/>	<input type="text"/>	
assigneeUserID	string	<input type="text" value="assigned_to"/>	<input type="text"/>	<input type="text"/>	
assigneeCompany	string	<input type="text" value="company"/>	<input type="text"/>	<input type="text"/>	
assigneeGroup	string	<input type="text" value="assignment_group"/>	<input type="text"/>	<input type="text"/>	
callBackTimeStamp	datetime	<input type="text" value="follow_up"/>	<input type="text"/>	<input type="text"/>	
closureTimeStamp	datetime	<input type="text" value="closed_at"/>	<input type="text"/>	<input type="text"/>	
creationTimeStamp	datetime	<input type="text" value="opened_at"/>	<input type="text"/>	<input type="text"/>	
creationUserID	string	<input type="text" value="sys_created_by"/>	<input type="text"/>	<input type="text"/>	
affectedEndUserID	string	<input type="text" value="caller_id"/>	<input type="text"/>	<input type="text"/>	
description	string	<input type="text" value="description"/>	<input type="text"/>	<input type="text"/>	
impact	string	<input type="text" value="impact"/>	<input type="text"/>	High=1,Medium=2,Low=3	
category	string	<input type="text" value="category"/>	<input type="text"/>	<input type="text"/>	
status	string	<input type="text" value="state"/>	<input type="text"/>	New=1,Active=2,Awaiting Problem=3,Awaiti	
referenceNumber	string	<input type="text" value="number"/>	<input type="text"/>	<input type="text"/>	

Integration with Netcool

- New USS command “NCREQ” to send messages over to Netcool
- Alert Status Table must be defined to configured to defined Schema Name Pairs

```

/* OPNCREQ - sample rexx program to create NetCool alert */
CEC      = WORD(OPSIPL(Load,HWNAME),2)
LPAR     = WORD(OPSIPL(Load,LPARNAME),2)
NODE     = CEC || '.' || LPAR
ADDRESS USS "NCREQ" ,
          "Identifier(NCREQ Sample Alert)",
          "Summary(Sample alert from OPSREXX)",
          "Type(1)",
          "First(*) Last(*)",
          "Agent(OPS/MVS)",
          "Expire(120)",
          "EventID('NCREQ Sample')",
          "Manager('OPS/MVS testing')",
          "AlertGroup(z/OS Systems)",
          "Node(" || NODE || ")",
          "STEM(OUT.)"

/* Display the output */
SAY "Output from NCREQ command:"
DO I = 1 to OUT.0
  SAY out.i
END
  
```

NCREQ Example Output

```

NCREQ.RESPONSE.HTTPCODE='HTTP/1.1 201 Created'
NCREQ.RESPONSE.URI='http://OpsNetCool1.ca.com:8080/objectserver/restapi/alerts/status/kf/8626%3ANCOMS'
NCREQ.RESPONSE.Identifier='NCREQ Sample Alert'
NCREQ.RESPONSE.Serial='8626'
NCREQ.RESPONSE.Node='CEC1.LPAR1'
NCREQ.RESPONSE.Manager='OPS/MVS testing'
NCREQ.RESPONSE.Agent='OPS/MVS'
NCREQ.RESPONSE.AlertGroup='z/OS Systems'
NCREQ.RESPONSE.Severity='1'
NCREQ.RESPONSE.Summary='Sample alert from OPSREXX'
NCREQ.RESPONSE.StateChange='1556708884'
NCREQ.RESPONSE.FirstOccurrence='1556708883'
NCREQ.RESPONSE.LastOccurrence='1556708883'
NCREQ.RESPONSE.InternalLast='1556708884'
NCREQ.RESPONSE.Type='1'
NCREQ.RESPONSE.Tally='1'
NCREQ.RESPONSE.EventId='NCREQ Sample'
NCREQ.RESPONSE.ExpireTime='120'
NCREQ.RESPONSE.ServerName='NCOMS'
NCREQ.RESPONSE.ServerSerial='8626'
  
```

Integration with Zowe CLI

- Allows OPS/MVS functionality from a desktop command line
- Secured through existing Mainframe credentials and security implementation
- Base set of commands for AOF Rules and System State Manager
 - `bright ops disable rule api reqrule1`
 - `bright ops enable rule api reqrule1`
 - `bright ops show rule api reqrule1 –status`
 - `bright ops show resource cics –state`
 - `bright ops start resource cics`
 - `bright ops stop resource cics`

Sysplex Global Variables Update

- Accessible via OPSVIEW 4.8 Panel
 - GLVPLXTx is the prefix for temporary variables
 - GLVPLXPx is the prefix for permanent variables

```

AOF CTRL - Display SYSPLEX Variables ----- CA11 -----
Command ==>
Line Commands: S Show Subnodes  M Modify      X Hex Browse  B Browse
                D Remove Node   O Delete one Z Hex Edit
SYSPLEX Prefix: GLVPLXTS
Subnode Name   Nodes Subnode Value
-- JOEPLX      2 NO VALUE ASSIGNED AT THIS LEVEL
-- POST        0 .
-- PREREQ      1 NO VALUE ASSIGNED AT THIS LEVEL
-- SUBREQ      2 NO VALUE ASSIGNED AT THIS LEVEL
-- UPDATE      0 CA11 JOEPLX CA31 JOESTC JOESSM32
**END**
  
```

Direct IBM BCPii Integration

- Replaces HiSrv functionality
- New BCPii server is an OPS/MVS STC - like the OPS/MVS OSF or USS servers
- ADDRESS HWS host environment Commands
 - Command syntax is the unchanged
- SENDCMD command lets you execute a specific hardware command for a specific target
 - ADDRESS HWS "SENCMD CMDTEXT('DEACTIVATE FORCE=YES') ENTITY(LPAR('SAMPLE1') CPC('IBM.MACHINE.SAMPLE'))"
- Get System Attribute Command
 - Address HWS "Getattr attr("CPCVERSION") Entity(cpc('IBMXXXXX.YYYY')) Refresh(yes) Debug(yes) Timeout(5)"
- Update System Attribute Command
 - Address HWS "Setattr attr("SGPIPW") ATTRVAL(46) Entity(Ensemble('IBMXXXXX.YYYY') CPC('IBMXXXXX.YYYY') lpar("SYS1")) Debug(yes) Timeout(10)"

Miscellaneous Update

- “FTP to CA”
 - ISPF interface to quickly collect documentation and FTP them to a CA Support Case

```

FTP documentation to CA  CA11 --- O P S V I E W ----- Subsystem OPSL
Command ==> _____

Commands:  JOBCARD  FTPJCL  TERSEJCL  SUBMIT

* Required fields

* Jobname      ==> _____
* Userid       ==> _____ +
* Password     ==> _____ +
* Dsname       ==> _____
* Site ID      ==> _____ (nnnnnnn)
* Case number  ==> _____ (nnnnnnnn)
* Terse        ==> _____ (YES or NO)

Enter END command to return
  
```

- Ability to define “Same-Name” Resources within SSMGAv2

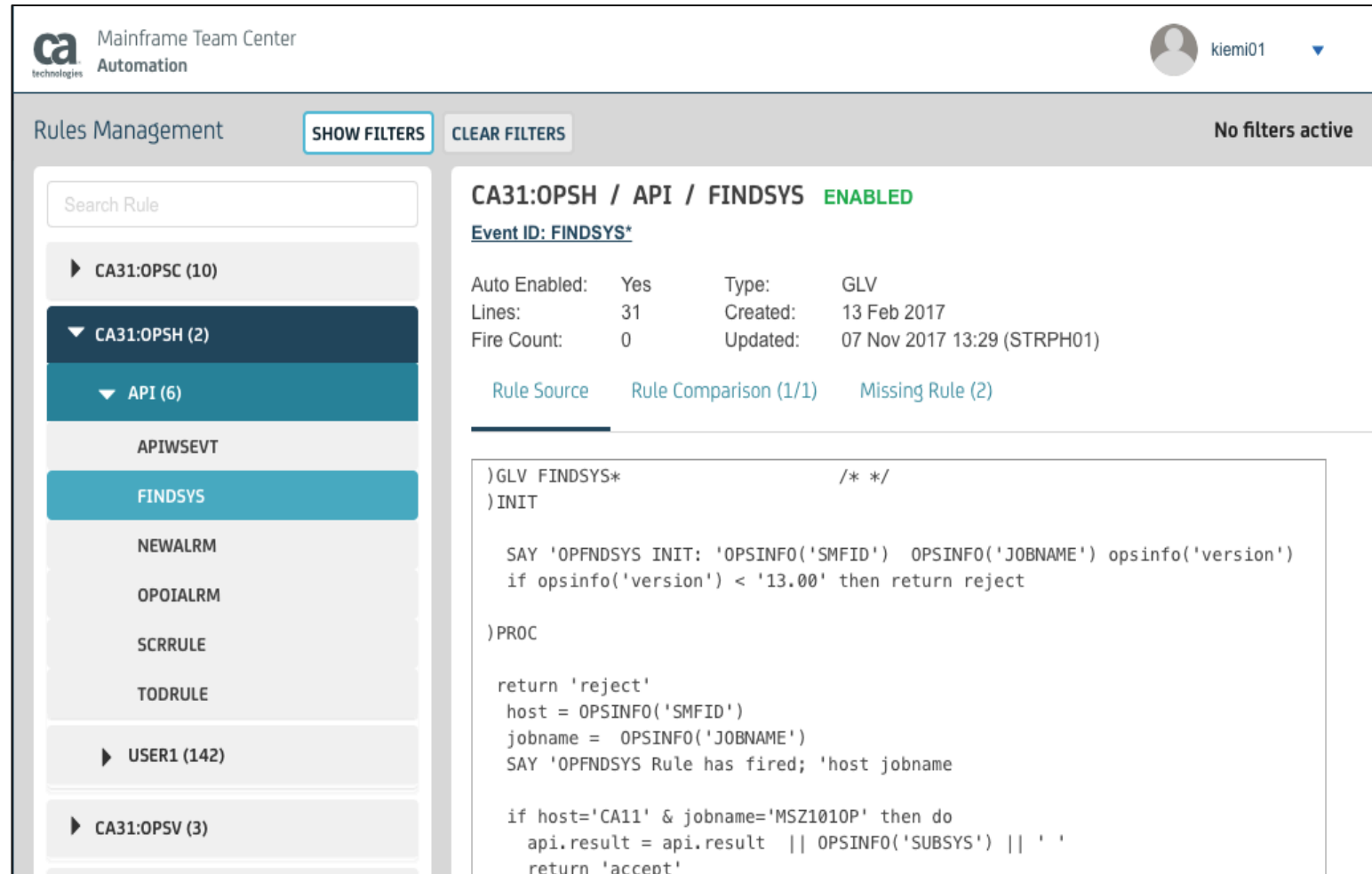
Planned

Feature	Description	Benefit
Notification Manager Voice Card	Automation Point currently supports Dialogic Cards for phone calls. We will be looking to support other cards increasing the customer options when using this functionality	Allows greater flexibility for hardware support and the ability to use a virtual server with voice notification support.
Automation Point Recoverability	Expand the functionality allowing for automated failover between instances	Reduction in downtime resulting from maintenance or system failover.

Mainframe Team Center

RULES MANAGEMENT

- View rules from all your LPARs in a single location
- Quick Search Capabilities
- Installed in USS
- Uses CA Common Services communication to expand beyond SYSPLEX



The screenshot displays the 'Rules Management' interface in the Mainframe Team Center Automation tool. The user 'kiemi01' is logged in. The interface shows a search bar and a list of rule categories on the left, including CA31:OPSC (10), CA31:OPSH (2), API (6), APIWSEVT, FINDSYS, NEWALRM, OPOIALRM, SCRRULE, TODRULE, USER1 (142), and CA31:OPSV (3). The 'FINDSYS' rule is selected, showing its details on the right. The rule is 'ENABLED' and has an 'Event ID: FINDSYS*'. It is an 'Auto Enabled' rule of type 'GLV', with 31 lines, 0 fire counts, and was created on 13 Feb 2017, last updated on 07 Nov 2017 13:29 (STRPH01). The rule source is 'Rule Source', and it has 1/1 rule comparisons and 2 missing rules. The rule code is as follows:

```

)GLV FINDSYS*                /* */
)INIT

  SAY 'OPFNDSYS INIT: 'OPINFO('SMFID') OPINFO('JOBNAME') opinfo('version')
  if opinfo('version') < '13.00' then return reject

)PROC

return 'reject'
host = OPINFO('SMFID')
jobname = OPINFO('JOBNAME')
SAY 'OPFNDSYS Rule has fired; 'host jobname

if host='CA11' & jobname='MSZ1010P' then do
  api.result = api.result || OPINFO('SUBSYS') || ' '
return 'accept'

```

Rules Filtering

Filter Options

Rule Type:

- API — Application Program Interface
- ARM — Automatic Restart Management
- CMD — Command
- DOM — Delete Operator Message
- EOJ — End of Job
- EOM — End of Memory
- EOS — End of Step
- GLV — Global Variable
- MSG — Message
- OMG — Omegamon Exception Event
- REQ — Request
- SCR — Screen
- SEC — Security
- TLM — Time Limit Exceeding
- TOD — Time of Day
- USS — UNIX System Services

Rule State:

Auto-Enabled:

Last Updated User ID:

Rule Fire Count:

Last Updated:

Systems:

- CA11
- CA31

HIDE FILTERS APPLY FILTERS CLEAR FILTERS

- **Rule Type**
 - Limit display to specific types of Rules
- **Systems**
 - Limit to a subset of systems
- **Rule State**
 - Enabled / Disabled?
- **Auto-Enabled**
 - Yes / No?
- **Last Updated User Id**
 - Who changed it?
- **Rule Fire Count**
 - Greater or Less than a value
- **Last Updated**
 - Specific Date, Before, After, or Range

Rules Comparison

Rule Source Rule Comparison (3/10) Missing Rule (4)

The rule was found 10 times: 7 matched, 3 did not match [CHECK AGAIN](#)

Source Code Match	System *	Lines	Type	Last Updated	By User	Status Match	Enabled	Auto-Enabled
<i>SSMBEGIN</i>	CA11:OPSS	72	SEC	07 Dec 2017	EDDMA01	<i>SSMBEGIN</i>	Enabled	Auto-enabled
✔	CA01:OPSS	72	SEC	07 Dec 2017	EDDMA01	✔	Enabled	Auto-enabled
✔	CA01:OPST	72	SEC	07 Dec 2017	EDDMA01	✔	Enabled	Auto-enabled
✔	CA02:OPSS	72	SEC	07 Dec 2017	EDDMA01	✘	Disabled	No
✔	CA02:OPST	72	SEC	07 Dec 2017	EDDMA01	✔	Enabled	Auto-enabled
✔	CA03:OPSS	72	SEC	07 Dec 2017	EDDMA01	✔	Enabled	Auto-enabled
✔	CA03:OPST	72	SEC	07 Dec 2017	EDDMA01	✔	Enabled	Auto-enabled
✔	CA04:OPSS	72	SEC	07 Dec 2017	EDDMA01	✔	Enabled	Auto-enabled
✘	CA04:OPST	91	SEC	16 Jan 2018	MARMD01	✘	Disabled	Auto-enabled
✔	CA11:OPST	72	SEC	07 Dec 2017	EDDMA01	✔	Enabled	Auto-enabled
✔	CA14:OPSS	72	SEC	07 Dec 2017	EDDMA01	✔	Enabled	Auto-enabled
✔	CA14:OPST	72	SEC	07 Dec 2017	EDDMA01	✔	Enabled	Auto-enabled
✘	CA16:OPSS	104	SEC	31 Jan 2018	EDDMA01	✔	Enabled	Auto-enabled
✔	CA16:OPST	72	SEC	07 Dec 2017	EDDMA01	✔	Enabled	Auto-enabled

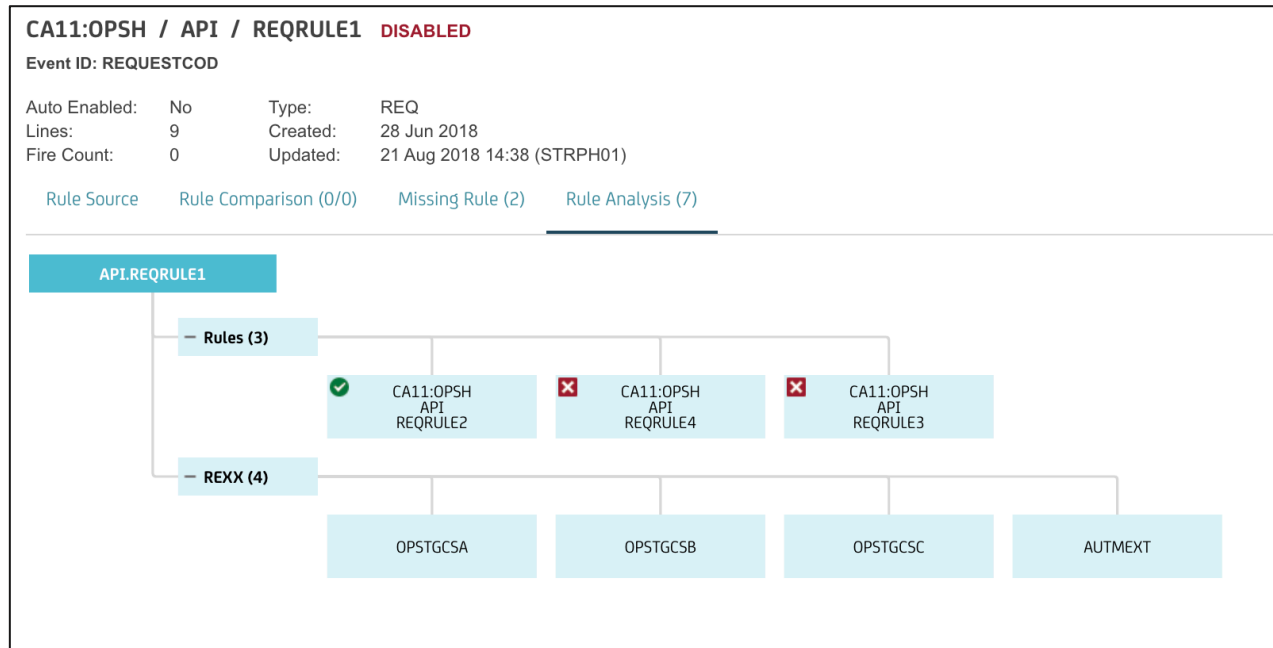
- Quickly determine where rules across multiple systems are identical
- Selects rules based on **RULESET.RULENAME**

Missing Rules

Rule Source	Rule Comparison (3/10)	Missing Rule (4)
The rule not found 4 times		CHECK AGAIN
Source Code Match	System	
MSG.SSMBEGIN	CA11:OPSS	
not found	CA05:OPSS	
not found	CA05:OPST	
not found	CA06:OPSS	
not found	CA06:OPST	

- Quickly determine if rules do not exist across multiple systems
- Selects rules based on RULESET.RULENAME

Rule Analysis Tree



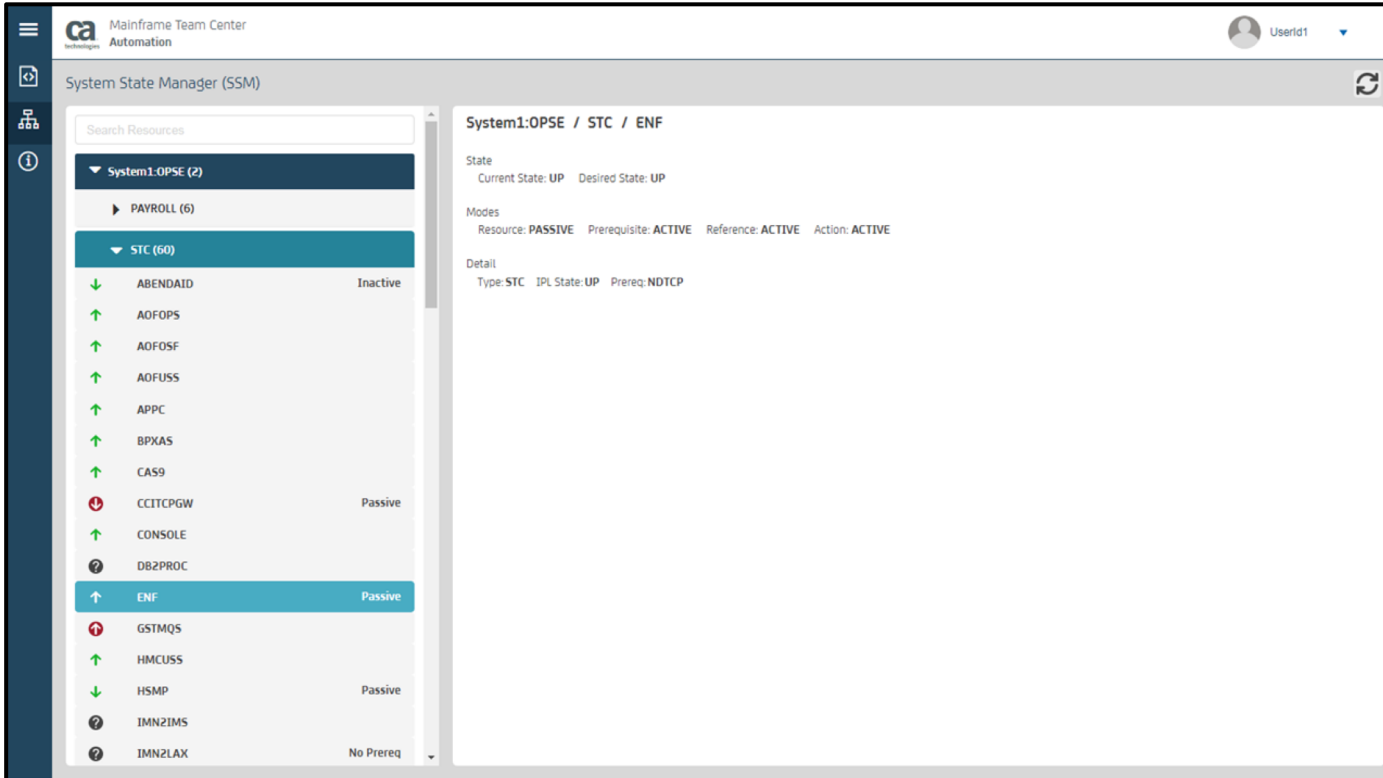
Quickly determine what components a rule utilizes

- REXX Programs
- AOF Rules

Planned Future Enhancements

- Global Variables
- Sysplex Variables
- RDF Tables

SSM Resource Operational View



The screenshot displays the 'System State Manager (SSM)' interface. The left sidebar shows a tree view of resources under 'System1.OPSE (2)'. The 'STC (60)' folder is expanded, showing a list of resources with their status. The 'ENF' resource is highlighted in blue and marked as 'Passive'. The right pane shows details for 'System1:OPSE / STC / ENF', including its current state (UP), desired state (UP), and various modes (Resource: PASSIVE, Prerequisite: ACTIVE, Reference: ACTIVE, Action: ACTIVE).

Resource Name	Status
ABENDAID	Inactive
AOFOPS	Active
AOFOSF	Active
AOFUSS	Active
APPC	Active
BPKAS	Active
CAS9	Active
CCITCPGW	Passive
CONSOLE	Active
DB2PROC	Active
ENF	Passive
GSTMQS	Active
HMCUSS	Active
HSMP	Passive
IMN2IMS	Active
IMN2LAX	No Prereq

- Quickly view SSM Resources across Mainframe Environment
- Quickly determine status via visual indications
- Ability to switch between SSM and Rules Management

Miscellaneous Updates

- MTC-A Data Synchronization
 - Allow changes to Rules to be automatically syncs to MTC-A Database instead of relying on timer
- Display Disabled Rules
 - Allow MTC-A to display both Enabled and Disabled Rules
 - Added new Address AOF function “LISTSRCD” allowing users access to this data via REXX

MTC-A Alert Manager

Alert Manager Snooze

Open Alerts Closed Alerts (9012)

Severity Assign Reset Filters

<input type="checkbox"/>	Last Updated	Date / Time	System	Resource	Alert ID	Message Text	Severity	Owner	Counter	Status	Notes
<input type="checkbox"/>	9-9-2019 11:42:20	9-9-2019 11:42:20	CA11	HMC_MF00	9025	LPAR CA11 Active	Info	Unassigned	1	New	
<input type="checkbox"/>	9-9-2019 11:40:23	9-9-2019 11:40:23	CA11	HMC_MF00	9024	IPL Finished on LPAR CA11	Critical	Unassigned	1	New	
<input type="checkbox"/>	9-9-2019 11:39:23	9-9-2019 11:39:23	MF04.CA31	ASMTESTJ02257	9023	IEF450I ASMTEST TEST - ABEND=S122 U0000 REASON=00000000	Minor	Unassigned	1	New	
<input type="checkbox"/>	9-9-2019 11:39:23	9-9-2019 11:39:23	MF01.CA11	SEVZD01.CA11	9022	IEF450I SEVZD01 CATSO CATSO - ABEND=S622 U0000 REASON=00000000	Warning	Unassigned	1	New	
<input type="checkbox"/>	9-9-2019 11:37:12	9-9-2019 11:37:12	MF04.CA31	STKHSC.S40212	9021	.SLS2402E SCRATCH POOL DEPLETION WARNING FOR ACS 00 SUBPOOL GENPOOL, 1 SCRATCH VOLUMES REM...	Minor	Unassigned	1	New	
<input type="checkbox"/>	9-9-2019 11:37:12	9-9-2019 11:37:12	MF01.CA11	SYSVJOB_CPU%	9020	ASID MSZ101VL FROM CA11 JOB CPU% EXCEEDED - WARNING	Major	Unassigned	1	New	
<input type="checkbox"/>	9-9-2019 11:34:00	9-9-2019 11:34:00	LOCAL		9019	THIS IS A TESTH2	Minor	Unassigned	1	New	
<input type="checkbox"/>	9-9-2019 12:12:23	9-9-2019 11:31:35	CA11	HMC_MF0	9017	IPL Started on LPAR CA11	Critical	Unassigned	1	New	
<input type="checkbox"/>	9-9-2019 11:21:07	29-8-2019 10:52:32	MF01.CA11	CMDTEST	7211	Forced Test from OPST CMD	Major	TESTCMD	1	Assigned	notethis
<input type="checkbox"/>	29-8-2019 08:24:43	20-8-2019 09:58:17	TEST	Local	5784	Critical demo alert	Critical	mike	4	Assigned	

10 per page 1 - 10 of 12 Jump to |< < 1 2 > >|

Receives Alerts From:

- OPS/MVS command
- Automation Point Rule
- Restful API

Alert Severity Levels:

- Critical
- Major
- Minor
- Warning
- Info

MTC-A Alert Manager

Mainframe Team Center - Automation (BETA 0.8)

Alert Manager

Open Alerts | Closed Alerts (9012)

Severity [v] Assign Close Alert

<input type="checkbox"/>	Last Updated	Date / Time	System	Resource	Alert ID	Message Text	Severity	Owner
<input type="checkbox"/>	9-9-2019 11:42:20	9-9-2019 11:42:20	CA11	HMC_MF00	9025	LPAR CA11 Active	Info	Unassigned
<input type="checkbox"/>	9-9-2019 11:40:23	9-9-2019 11:40:23	CA11	HMC_MF00	9024	IPL Finished on LPAR CA11	Critical	Unassigned
<input type="checkbox"/>	9-9-2019 11:39:23	9-9-2019 11:39:23	MF04.CA31	ASMTEST.J02257	9023	IEF450I ASMTEST TEST - ABEND=S122 U0000 REASON=00000000	Minor	Unassigned
<input type="checkbox"/>	9-9-2019 11:39:23	9-9-2019 11:39:23	MF01.CA11	SEVZD01.CA11	9022	IEF450I SEVZD01 CATSO CATSO - ABEND=S622 U0000 REASON=00000000	Warning	Unassigned
<input type="checkbox"/>	9-9-2019 11:37:12	9-9-2019 11:37:12	MF04.CA31	STKHSC.S40212	9021	..SLS2402E SCRATCH POOL DEPLETION WARNING FOR ACS 00 SUBPOOL GENPOOL, 1 SCRATCH VOLUMES REM...	Minor	Unassigned
<input type="checkbox"/>	9-9-2019 11:37:12	9-9-2019 11:37:12	MF01.CA11	SYSV-JOB_CPU%	9020	ASID MSZ101VL FROM CA11 JOB CPU% EXCEEDED - WARNING	Major	Unassigned
<input type="checkbox"/>	9-9-2019 11:34:00	9-9-2019 11:34:00	LOCAL		9019	THIS IS A TESTH2	Minor	Unassigned
<input type="checkbox"/>	9-9-2019 12:12:23	9-9-2019 11:31:35	CA11	HMC_MF0	9017	IPL Started on LPAR CA11	Critical	Unassigned
<input type="checkbox"/>	9-9-2019 11:21:07	29-8-2019 10:52:32	MF01.CA11	CMDTEST	7211	Forced Test from OPST CMD	Major	TESTCMD
<input type="checkbox"/>	29-8-2019 08:24:43	20-8-2019 09:58:17	TEST	Local	5784	Critical demo alert	Critical	mike

10 per page | 1 - 10 of 12

Details

Resource: HMC_MF00

Message ID / Text: 9024
IPL Finished on LPAR CA11

Severity: Critical

Status: New

Owner: Unassigned

[Open Console](#)

Notes | History

Notify User

Create Ticket

[Save](#)

MTC-A Alert Manager Rexx Functions to Create Alerts

- OPS/MVS REXX function to send alerts via MSF Link.

```

ADDRESS AP ALERT
      SYSTEM(apname)
      RESOURCE(rsc)
      DESCRIPTION(desc)
      [NOTE(note)]
      [OWNER(own)]
      [SEVERITY(CRITICAL | HIGH |MEDIUM | LOW | INFO)]
      [AGENT(agt)]
      [EXPIRATION(NEVER | DAYS(dd) | HOURS(hh) | MINUTES(mm))]
      [CUSTOM(col1(val1) col2(val2) ...)]
      [DEBUG(YES | NO)]
  
```

- Automation Point Rules Format

```

AMSCREATE(SEVERITY(<severity 1-5>) RESOURCE(<resource id>) [SYSTEM(system id)] [DESC(<description>)]
[OWNER(<owner id>)] [EXPIRE(<NEVER|DAYS(<number>|HOURS(<number>)|MINUTES(<number>))]
  
```

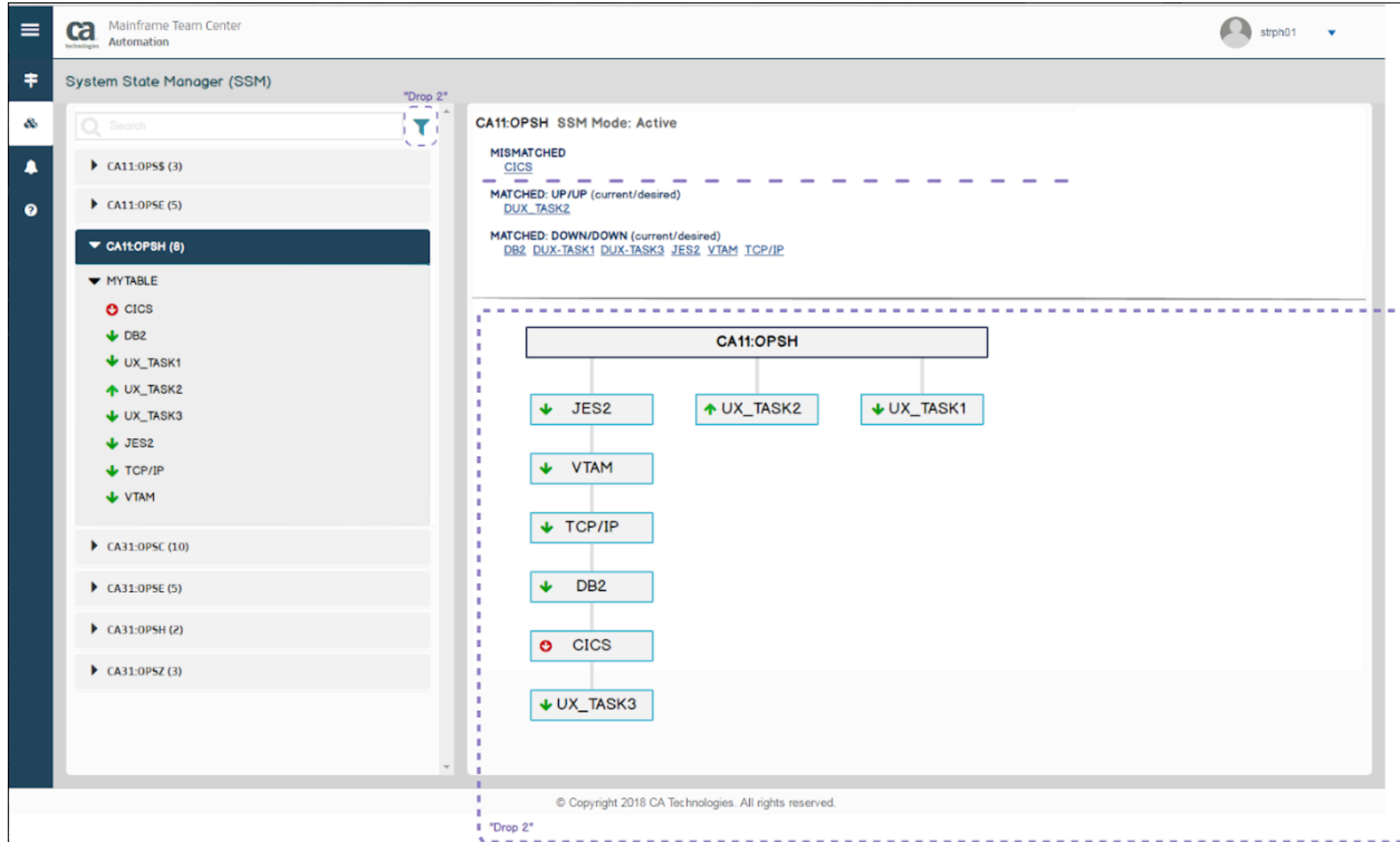
- Automation Point REXX Function

```

ADDRESS AMS 'CREATE SEVERITY(<1-5>) RESOURCE(<resource_id>)
      [SYSTEM(<sys_id>)]
      [DESC(<description>)]
      [OWNER(<owner_id>)]
      [NOTES(<notes>)]
      [EXPIRATION(<NEVER|DAYS(<number>)|HOURS(<number>)|MINUTES(<number>)>)] '
  
```

MTC-A System State Manager Wireframe

System Level View



The screenshot displays the Mainframe Team Center Automation interface for the System State Manager (SSM). The user is logged in as 'stph01'.

System State Manager (SSM)

CA11:OPSH SSM Mode: Active

MISMATCHED
CICS

MATCHED: UP/UP (current/desired)
DUX_TASK2

MATCHED: DOWN/DOWN (current/desired)
DB2 DUX-TASK1 DUX-TASK3 JES2 VTAM TCP/IP

CA11:OPSH

- JES2 (DOWN)
- UX_TASK2 (UP)
- UX_TASK1 (DOWN)
- VTAM (DOWN)
- TCP/IP (DOWN)
- DB2 (DOWN)
- CICS (MISMATCHED)
- UX_TASK3 (DOWN)

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MTC-A System State Manager Wireframe

Resource Level View

The wireframe displays the System State Manager (SSM) interface. On the left is a navigation pane with a search bar and a tree view of resources. The main area shows details for 'CA11:OPSH / UX_TASK3 Mode: Active'. Below this is a task flow diagram for 'SSM Task Start-up' and 'SSM Task Shut-down'. A 'Begin Start-up' button is at the top left of the diagram. The flow consists of five numbered steps:

1. (-) JES2
2. VTAM
3. TCP/IP, UX-TASK2 (highlighted in green), and UX_TASK1
4. DB2
5. CICS_A, CICS_B, CICS_C (grouped in a dashed box labeled '2 of 3'), and UX_TASK3

At the bottom right of the diagram area is a legend with icons for: UP / UP, DN / DN, DN / UP, UP / DN, WORK, FAIL, and GOAL. The interface also includes a top header with 'Mainframe Team Center Automation' and a user profile 'strph01'. Copyright text at the bottom reads '© Copyright 2018 CA Technologies. All rights reserved.'.

Under Consideration

Feature	Description
Expanded Rules Management	Mainframe Team Center – Automation is currently limited to AOF Rules. This would expand the existing functionality to OPS/REXX members, Global Variables, and Parameters
Expanded Search	Current rules management search is limited to rule names. This would expand that functionality to include the rules text and the rule specifier
Operational and Management Reports	Generate ad-hoc or scheduled reports based upon your enterprise-wide mainframe automation environment
System State Manager Administration	Add, Modify, and Delete resources from System State Manager across the your mainframe environment
Rules and REXX Administration	Ability to maintain Rules and REXX within modern development tools. Additionally deploy / back-off changes across your mainframe environment from a single location


Thank You

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- This session is **OB**



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 1 to 4 = "Too Short" 5 = "OK" 6-9 = "Too Long"


1 2 3 4 5 6 7 8 9

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 1 to 4 = "No" 5 = "OK" 6-9 = "Yes"

1 2 3 4 5 6 7 8 9

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1 2 3 4 5 6 7 8 9