# Tips for APM integration with OMi / OBM / OBM container

- Integration of APM in OMi/OBM workflow
- Pre-requisites
- APM Configuration
- DFP Configuration
- Verify the CIs synced from APM to OMi / OBM
- Troubleshooting



# Integration of APM in OMi/OBM workflow

# Pre-requisites

## 1. 1. Round trip

Its mandatory for both APM and OMi should have 0ms round trip. If they are remotely located the integration will fail . e.g.

```
C:\Users\Administrator>ping 16.60.160.64
Pinging 16.60.160.64 with 32 bytes of data:
Reply from 16.60.160.64: bytes=32 time=164ms
                                                                          TTL=116
Reply from 16.60.160.64: bytes=32 time=164ms
Reply from 16.60.160.64: bytes=32 time=165ms
                                                                         TTL=116
                                                                         TTL=116
Reply from 16.60.160.64: bytes=32 time=165ms TTL=116
Ping_statistics for 16.60.160.64:
Packets: Sent = 4, Received = 4, Lost = 0
Approximate round trip times in milli-seconds:
                                                           Lost = 0 (0% loss),
      Minimum =
                      164ms, Maximum = 165ms,
                                                              Average =
                                                                              164ms
C:\Users\Administrator>ping_iwfvm07056.hpeswlab.net
Pinging iwfvm07056.hpeswlab.net [16.166.98.7] with 32 bytes of data:
Reply from 16.166.98.7: bytes=32 time<1ms TTL=127
Reply from 16.166.98.7: bytes=32 time<1ms TTL=127
Reply from 16.166.98.7: bytes=32 time=1ms TTL=127
Reply from 16.166.98.7: bytes=32 time=2ms TTL=127
Ping statistics for 16.166.98.7:
Packets: Sent = 4, Received = 4,
                                                            Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
                               Maximum
                                                       Average =
                                                                       Øms
```

#### 1. 2. Import the certificates

It is mandatory to exchange the CA certificates between the APM and OBM for successful connection.

APM --> We need to import the OBM's CA certificate or Server certificate (if it is self-signed) to APM's JRE and JRE64 truststore and restart APM services for both GW, DPS.

OBM --> We need to import the APM's CA certificate or Server certificate (if it is self-signed) to OBM's JRE truststore and restart OBM services for both GW, DPS.

Note --> the trust store is located under <APM/OBM install dir >/JRE/lib/security/cacerts

Note --> we can use any third party tools like "keyStore Explorer", "portecle-1.7" to import the certs

Container Certificate export and import --> the commands to export and import certs to OBM container are below

On Master Node

- a. kubectl exec -ti omi-0 -n opsbridge1 -c omi bash
- b. /opt/OV/bin/ovcert -list
- c. /opt/OV/bin/ovcert -exporttrusted -file <location of file> -alias <trusted certificate name>

For example:

/opt/OV/bin/ovcert -exporttrusted -file /tmp/trust.pem -alias CA\_c37b8bd5-5b9b-4626-be18-c78ef76040e5\_2048

d. exit

e. kubectl cp opsbridge1/omi-0:/tmp/newCA.pem /tmp -c omi

# **APM Configuration**

#### 1. 1. Update the integration user in APM infra settings

Create the integration in omi through command line utility opr-rest-ws-policy-configuration.bat [sh]

e.g. we can use any name for the user

C:\HPBSM\opr\bin>

## opr-rest-ws-policy-configuration.bat -enable\_auth -credentials -username intuser -password intuser

•	Local Disk (C:) + HPBSM + opr + bin				
ary	✓ Share with ▼ New folder				
	Name *	Date modified	Туре	Size	
	BBCTrustServer	8/15/2017 2:14 PM	Windows Batch File	1 KB	
	BBCTrustServer.sh	8/15/2017 2:14 PM	SH File	2 KB	
	bvd-event-status	12/14/2015 5:55 PM	Windows Batch File	1 KB	
	🗟 bvd-kpi-status	12/14/2015 5:55 PM	Windows Batch File	1 KB	
	🛐 🖬 Administrator: C:\Windows\System3	2\cmd.exe			
	Hicrosoft Windows [Version 6 Copyright (c) 2009 Microsoft	.1.7601] Corporation.	All rights rese	rved.	
	C:\HPBSM\opr\bin>opr-rest-ws INFO: Storing encrypted cred INFO: Enabling HTTP basic au INFO: Applying changes to XP C:\HPBSM\opr\bin>	-policy-configu entials for HII thentication on L configuration	ration.bat -ena P basic authent RESI web servio !	ble_auth -c ication on ce policies	redentials -usernane <mark>adnin</mark> -password <mark>adnin</mark> REST web service policies :
	<b>B</b> .				

The same user and password should be updated to the APM's infrastructure settings à

APM -> Admin -> Platform -> Infrastructure Settings -> Foundations select "OMi Ir	ntegration"
---	-------------

Application Performance	e Management - P	fatform Administration			
<ul> <li>My85W Applications • Adm</li> </ul>	in • Help • Site Way	P			
and Waintenance > Infrastructure Settings					
o and Maintenance Maport Schedul	ng Locations	Uses and Permissions	hecpens	Countine Varagement	
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Password	OM sufforced	ion pesseord			2
					_
ONE Integration - Statuses Forwarding					
Name A.	lescription			Value	
Events chunk size 5	ice of chunk of events sent	during initial KPUH synchronics	tion	100	0
Interval between sessions In	ten al between events chu	riks sending sessions (seconds)		2	0
					_
OM Integration - Statuses Synchronization					

# 1. 2. Update the LWSSO from OMi to APM

Copy LW SSO from Omi and paste it APM LW SSO through  $\mathsf{jmx}$  .

To get the LWSSO init string from OMi / OBM

OMi -> Administration -> Users ->Authentication Management

OPERATIONS MANAGER I Workspaces Administration Q search for menu items	& admin ?
Authentication Management	Single Sign On Editor ×
Single Sign-On Configuration	Chose and configure a Single Sign-On Authentication Mode.
Single Sign-On Mode: Lightweight Token Creation Kiny OniPString): X0.25ha692.77s1kj0YIFESFy1xk211.qqb HFE Operations Manager i Domain: Parse automatically Trusted Hosts/Domains: [] Enable SAML2 authentication schema: false	Not Configured     IdentityManagement     Uphtweight     Lightweight Single Sign-On Configuration     Token Creation Kiey UnitStriL * Xh28ha69277stkp0/IFESEy1xk2rtiqqb     HPE Operations Manager I Domain:
LDAP Configuration 🛛 🗮 Mew	Domain     KAdd a trusted heat/domain     Enable SAML2 authentication schema
	Save

To copy the LWSSO init string in APM

Log into the JMX using any web browser in the Gateway machine using http://localhost:29000/

Search for "LW-SSO configuration" and then search for "InitString" and paste it there

CMX43 - MBean View - Windows Internet Eq	plorer			_ # B
🕝 🕤 🕶 🎊 http://kcahost.29000/Hiterarins	bjectname=Topaz%3Aservior%3DLW-550+Configuration		💌 🗃 🐓 🗶 🔎 ting	P -
👷 Fevorites 🛛 🙀 🔊 Supported Sites • 👔 W	ieb Sice Galery •			
25 MX43 - Millean View			💁 • 🖸 - 🗂 🛞	- Page - Safety - Tools - 😥 -
× Find: Lw	Previous Next 🧳 Options -			
	with X.E support. WX.Ecompatible - should be used when one application uses XE and the other application does not.			2
DirectKeyEncoded	Direct Key Encoded, when set to true, indicates that the key in use is encoded, default is false	boolean	false	C true IR failes set
DirectiveyEncoding	Direct Key Encoding, what type of encosing is used for the direct key. default is Hex	java.lang.String	Hex	Hex set
Domain	BSM Server Domain	java.lang.String		set
EnableAutoCookieCreation	Enable Auto Cookie Creation	boolean	tue	Ritrue Cifaite set
EnableCookieCreation	Enable Cookie Creation	boolean	100	R true C false set
EnableLWSSOFramework	Enable LW-SSO, the flag for the enabling of LW-SSO infrastructure.	boolean	5-10 1	Ritue Citabe set
EnableSAML2Support	Enable SAML2 support	boolean	tue	true C false set
EngineName	Engine Name	java.lang.String	AES	AES set
ExpirationPeriod	Expiration Period	nt	60	60 set
ntsrng	IntString, used for the encryption/decryption of the username from the LW-SSO cookie, this value should be the same in all application integrated in LW-SSO.	Sirva lang.String	617uTGn2200	MLGGOWsp3aSE7sVm set
JceProviderName	JCE Provider Name	java.lang.String	nul	nul set
KeySize	Key Size (integer)	nt	256	256 set

Note :- The LW-SSO won't work if APM and OBM are not using same protocol (http or https).

# **DFP Configuration**

-

#### Pre-check:

- 1. Make sure the Data flow probe version and OBM RTSM version are same, else the integration will fail.
- 1. Only if TLS is enabled in OBM à If OBM is configured to use HTTPS, enable TLS in the Data Flow Probe as well:
- 2.1 Open the file <Data Flow Probe install folder>/conf/DataFlowProbe.properties.
- 2.2 Change the property appilog.agent.probe.protocol from HTTP to HTTPS.
- 2.3 Change the property serverPortHttps from 8443 to 443. (only for containerized Omi)

#### Installation:

Click on Next >>Next until we get this screen:

Select BSM (i.e this is an option before APM-Omi split)

Suce UCMDB Data Flow Probe	
	UCMDB Data Flow Probe Configuration
<ul> <li>Introduction</li> <li>License Agreement</li> <li>Setup Type</li> <li>Installation Type</li> <li>Select Installation Folder</li> <li>Probe Configuration</li> <li>Probe Domain Config</li> <li>Probe Working Mode</li> <li>Probe Memory Size</li> <li>Account Configuration</li> <li>Scan File Upload Config</li> <li>Pre-Installation Summary</li> <li>Installing</li> <li>Installation Complete</li> </ul>	Select the application that this Data Flow Probe will report to. Enter the host name (or IP) of the application server. For BSM, enter the host name (or IP) of the BSM Gateway server. Enter the Data Flow Probe address (this machine's host name or IP address). Application to report to: BSM Application Server address: Data Flow Probe address:
InstallAnywhere Cancel	Previous Next

Provide the **Omi** FQDN in Application server address:

Click on next and make sure the test connection not thrown any error:

Proceed with next steps, when it asks for password, try the password which you can remember

If the system didn't accept your customized password, do not waste time just use: **Password\_123** (p uppercase), (Make a note in notepad and save it in desktop for reference) and continue with installation.

Import OMi Certificate info Probe: (these steps are from OBM server)

## Classic OMi deploymnet:

- 1. Access the Omi page then download the certificate.
- 2. Place it in DFP server
- 3. In DFP server launch cmd prompt and run the below command, by updating the <> values.
- C:\HP\UCMDB\DataFlowProbe\bin\jre\bin\keytool.exe -import -v -keystore C:\hp\UCMDB\DataFlowProbe\bin\jre\lib\security\cacerts -file <certificate relative/full path> -alias <aliasname>.cer
- 4. If it asks for password, then provide our keystore password i.e changeit
- 5. Navigate to C:\ProgramData\Microsoft\Windows\Start Menu\Programs\UCMDB
- 6. Start the service in console mode
- 7. Open WrapperProbeGw log and verify that no error occurred (c:\hp\UCMDB\DataFlowProbe\runtime\log\WrapperProbeGw)
- 8. Type yes, to make this certificate as trusted. Then we should get the text as "Certificate was added to keystore"

## **Containerized Omi Deployment:**

- Run this command: openssl s\_client -showcerts -servername < FQDN\_Omi server> -connect < FQDN\_Omi server>:443 </dev/null</li>
   From the command output, copy the content beginning with -----BEGIN CERTIFICATE until END CERTIFICATE----- and copy it into a
- file. Save the file with the name certificate.pem
- 3. Convert the file into the .der format: openssl x509 -outform der -in certificate.pem -out certificate.der
- 4. From DFP machine >> Import the certificate into JRE's trust store: <Data Flow Probe install folder>/bin/jre/bin/keytool -import -trustcacerts -file certificate.der -alias <FQDN\_Omi server> -keystore <Data Flow Probe install folder>/bin/jre/lib/security/cacerts
- 5. If it asks for password, type changeit
- 6. Type yes, to make this certificate as trusted. Then we should get the text as "Certificate was added to keystore"
- 7. Navigate to C:\ProgramData\Microsoft\Windows\Start Menu\Programs\UCMDB
- 8. start the service in console mode
- 9. open WrapperProbeGw log and verify that no error occurred (c:\hp\UCMDB\DataFlowProbe\runtime\log\WrapperProbeGw

## Verify the probe in Omi:

#### Navigate to DFP setup page

₽	0	PERATIONS BRID	GE MANAGER	WORKSPACES	ADMINISTRATION	Ĩ
Workspa	ices /	RTSM Administration /	Data Flow Management /	Data Flow Probe Setup		

Verify that, DefaultDomain(Default) should get displayed and the DFP Host & IP should read under domains and probes table

The final output should look like the below and the DFP should show as "Connected" status like below

Data Flow Probes         Probe Name       IP       Status       Last //         Image: Status       Unit       Unit <th>omains and Probes</th> <th>Domains and Probes</th> <th></th> <th></th> <th></th>	omains and Probes	Domains and Probes			
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•• DefaultOmain(Default)         •• MYD-VM07773         16.59.62.19         Connected         0274.40018.21.28         OperActions MANAGER i         Workspaces         Administration         / RISH Administration / Data Flow Management / Data Flow Probe Setup         Verw - Tools - Help -               connected               connected               connected               0274.40018.21.28                 Verw - Tools - Help -               Domains and Probes               BTPVM2828               Probe IPs:             Connected               Status:             Connected           Last time probe accessed UCMDB: 10.033.123             Default Tenant:             None           Default Tenant:         None             Probe Description           Probe Description           Probe Description	Domains and Probes	Probe Name	IP	Status	Last Access tim
Image: Second	DefaultDomain(Default)	MYD-VM07773	16.59.62.19	Connected	02/14/2018 21:28:15 PM
Image: Search for menu items     Administration / RTSM Administration / Data Flow Management / Data Flow Probe Setup     Image: Search for menu items					
Image: Search for menu items         Administration / RTSM Administration / Data Flow Management / Data Flow Probe Setup         Image: Search for menu items         Administration / RTSM Administration / Data Flow Management / Data Flow Probe Setup         Image: Search for menu items         <					
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Domains and Probes       BTPVM2828         * • * * • * • • • • • • • • • • • • • •	View - Tools - Help -				
Domains and Probes     BTPVM2828       Image: Domains and Probes     Image: Domains and Probes       Image: DefaultDomain(Default)     Image: DefaultDomain(Default)       Image: DefaultDomain(Default)     Image					
Image: Comparise and Probes       Image: Comparise and Probes         Image: Comparise and	Domains and Probes	BTPVM2828			
Image: Domains and Probes       Status:       Connected         Image: Domain(Default)       Last time probe accessed UCMDB: 10/09/2017 17:14:04 PM         Image: Dota Flow Probes       10:33:123         Default Tenant:       None	* • 🗙 🔍 🞜 🕕 🕸 🐘	Probe IPs:	6. Q. 500		
DefaultDomain(Detault)     DefaultDomain(Detault)     DefaultDomain(Detault)     DefaultDemain(Detault)     DefaultDemain(Detault)     DefaultTemain(Detault)     DefaultTemain(De	Domains and Probes	Status:	Connected		
Credentials Data Flow Probes Probe Description Version: 10.33.123 Default Tenant: None	E- DefaultDomain(Default)	Last time probe accessed UK	MDB: 10/09/2017 17:14:04 PM		
Default Tenant: None  Probe Description	- Credentials	Version:	10.33.123		
Probe Description	E Data Flow Probes	Default Tenant:	None		
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		Probe Description			
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Under credentials -> generic protocol -> create new credential with user "admin " and password "admin"



# **OMi / OBM Configuration**

Follow the 3 steps and do it one by one and then deploy "OprEvent" policy on OBM

- Check topology first
- OMi to APM Setup
- Synchronization

Note -> the test connection button does not work and we have open defect for it and we can proceed without using it .the button is redundant and we will remove it soon.

Note -> ensure all the prerequisites are taken care that are mentioned above before adding the APM

Select the DFP that was configured in previous step . Select "Use OMi as Global ID generator" based on your use case.

OPERATIONS MANAGER I Workspaces	Administration Q, search for menu items.		
mation / Setup and Halinferance / Connected Servers			
ate APM Server	User name: *	admin	
0/1 0/	Password: *	•••••	
941_8fpvm2000	Verify password: *	•••••	
	URL Paths		
4	Ports	80	
general attributes for this APM server.		Set default port	
	Use secure HTTP:		
Properties the APH server.	Send updates:	Enable sending event updates to the APM server	
onization onize the topology, event forwarding, UI integration,	Synchronization		
status and downtime with the APH server.	Step 1: Topology		
onnection If the specified connection attributes are correct.	The Topology Synchronization m Setup) & 3 (Synchronization) are	ust be completed (verify it using the integration Studio), before Step 2 (CMI to APM executed.	
	Use OHI as Global ID Generator:		
	Data Flow Probe: *	8TPVH2828	
	Domain name	8TPVN2828	

Below are success messages for each step . Please ensure it is done one by one only.

Image: Connected Servers     Image: Image	dministration / Setup and Maintenance / Connec	cted Servers			
<ul> <li>All</li> <li>** C : B : D : C</li> <li>Operations Manager I</li> <li>Operations Manager for UNXX</li> <li>Operations Manager for Windows</li> <li>Corpections Manager for Windows</li> <li>Corpections Connector</li> <li>ArcSight</li> <li>SteScope</li> <li>ArFM</li> <li>Business Value Dashboard</li> <li>Allas</li> </ul> APM 941_Btpvm2000 Stedscope Ves Approx 1000 Message: Topology synchronization is succeeded. Minutest Corpections Manager for Windows ArcSight Stedscope ArFM Business Value Dashboard Allas Allas APM 941_Btpvm2000 Raghu Test Corpections Manager for Windows Corpections Connector Stedscope Minutest Corpections Manager for Windows Stedscope Minutest Corpections Minutest Min	Connected Servers	5			
<ul> <li>Coperations Manager I</li> <li>Coperations Manager for UNIX</li> <li>Coperations Manager for Windows</li> <li>External Event Processing</li> <li>Coperations Connector</li> <li>ArcSight</li> <li>SiteScope</li> <li>AFM</li> <li>Business Value Dashboard</li> <li>Allas</li> </ul>	All .	**/ 8 0 0	Q	APM941_Btpvm2000	)
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Image: Some connector     Type:     APM       Image: StreScope     Image: StreScope     Image: StreScope       Image: StreScope     Send updates:     Yes       Image: StreScope     Name:     APM941_8tpvm2000       Image: StreScope     Fully qualified domain name:     btpvm2000.hpeswlab.net       Image: StreScope     Description:     Raghu Test	Gperations Manager for Windows	Trouble Ticket System	Incomplete	Message: Topology synchron	ization is succeeded.
	S Operations Connector  ArcSight SteScope AFM Business Value Dashboard Alias			Type: ID; Active: Send updates: Name: Fully qualified domain name: Description:	APM 46b9befe-536c-4509-8b09-91158da13429 ~ Yes APM941_Btpvm2000 btpvm2000.hpeswiab.net Raghu Test

Administration / Servey and Halintonance / Connect Connected Servers	ted Servers			
al I	*▼⊘:屆:Ⅱ:白	Q	APM941_Btpvm2000	
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Operations Manager for Windows External Event Processing Operations Connector ArcSight StreScope APM Dusiness Value Dashboard Alas	Trouble Ticket System	(complete	V Startus: succeeded C Message: The Deployment of the Dr. Active Send updates: Name: Fully qualified domain name: Description:	enrichment sule succeeded (Download of APM LB components succeeded APM 4669berle-536c-4509-8609-91158da13429 Ves AP99941_Btpvm2000 btpvm2000.hpeswlab.net Raghw Test

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S Operations Connector			Type: ID:	APM 44b9befe-534c-4509-8b09-91158da13429
5 SiteScope			Active: Send updates:	√ Yes
+ APM Business Value Dashboard			Name: Fully qualified domain name: Description:	AP97945_BEpvm2000 bfpvm2000.hpeswlab.net Rashu Test
Alas			() Edit	

Deploy the "OprEvent" policy from OBM / OMi

Deploy the	e "OprEvent" p	olicy	
Omi10 > Adminis	Administration > Monitoring > Policy ten Administration > Monitoring > Policy Templates Policy Template Groups Policy Template Groups Configuration Con	mplates	5 (A)

# Verify the CIs synced from APM to OMi / OBM

go to RTSM -> integration studio ( by default the automation sync frequency is 15 mins , in case you want to see the CIs synched asap then click on the "Synchronize" button .



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Hegenion Point	P)	APM2OM APM941_Btpum2000	Tunas and all-the lines an automatical data new	ulture			Population Federa		
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RTSM to RTSM Sync		Job Name		Status		Start Time	Finish Time		
UCMD8Decovery		sunc. continuous	- Dd rot run	= Dd rot run					
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		Statistics Query Status			A.T				
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		Par the should							
		OT	Created		Updated	Deteted	Faled		
	1	Business-Application	4	0		0	0		
	1	OCslection	4	0		0	0		
		Containment	4	0		0	0		
		Ownership	2	0		0	0		
		SiteScope Group	6	0		0	0		
		SiteScope Measurement Group	2	0		0	0		
		SteScope Profile	2	0		0	0		
		Unix	1	0		0	0		
		Windows	0	1		0	0		
		Total	24	1		0			

Create some APM reports in OMi workspace gallery and check for APM reports in OMi /OBM



# **Troubleshooting**

1. APM is on HTTP and OBM on HTTPS and events are not created in OBM -->

a. check if the REST API on the OMi server is working fine using URL http(s)://<OMi / OBM :30005/bsmc/rest/events/OprEvent

b. By default the OMi event channel is https, we need to make it http by changing in the below JMX in the gateway of APM under OMi Integra

## setOmiURL

Customer id -> 1

OMi URL à http://<omiHostname>.hpeswlab.net:30005



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<u>F</u> ile <u>E</u> dit ⊻	iew Hi <u>s</u>	tory <u>B</u> ookn	narks <u>T</u> ools	<u>H</u> elp		
🎝 MX4J - MB	ean View	/	+			
s~ ~?	🛞 localh	nost:29000/n	nbean?object	name=0Mi-Inte	gration%3Ase	rvice%3DSetti 🏠 🛩 🕲 🛽
List of ME	Bean o	perations				
void setOm	niUrl					
Sets OMi U	RL					
Parameters	Name	Class	Va	alue	Description	
	customentd	int	1		Customer ID	
	url	java.lang.String	http://		OMIURL	
Invoke						

To confirm if it is set properly or not . check

java.lang.String getOmiUrl



# <u>2. Logs ==></u>

## APM side

For details logs first make the bsmc-integration.log to DEBUG using below



then you can observe the <apm>/log/marble\_worker\_x/bsmc-integration.log file

#### OMi Side -->

Check for errors in log file (<HPOMI>/log/jboss/opr-webapp.log)

#### Probe side --->

C:\UCMDB\DataFlowProbe\runtime\log\ probe-error.log

C:\UCMDB\DataFlowProbe\runtime\log\WrapperProbeGw.log

## Issue ==> If Events are not sent from APM to OMi (APM , OMi both on HTTPS)

#### MEssage

2018-08-09 10:47:44,745 [pool-20-thread-1] (OprEventSubmitter.java:51) ERROR - The event has not been sent to OMI, status: 0

2018-08-09 10:47:48,787 [pool-20-thread-1] (OprEventSubmitter.java:51) ERROR - The event has not been sent to OMI, status: 0

2018-08-09 10:47:48,818 [pool-20-thread-1] (OprEventSubmitter.java:51) ERROR - The event has not been sent to OMI, status: 401

1. In order to push events from APM to OMI 1, REST Api needs to be open. I forgot to add to troubleshooting section this morning. Many customer are facing this issue.

- 1. Port 30005 not open
- 2. Check two things make sure Oprevent Policy is deployed.

Run Ovpolicy -list

C:\HPBSM\opr\su * List i	(pport>ovpolicy - installed policie	-list es for host 'localhost'	
Туре	Name	Statu	s Version
le	"OMi Event	Receiver Logfile" en	abled 0002.0010
le le	"OMi Monito "OMi Nanny	oring Automation Logfil Logfile" enabl	e" enabled 0003.0000 ed 0002.0010
le	"OMi Script "OMi Event	ting Host Logfile" en Receiver Logfile" en	abled 0002.0011 abled 0002.0010
letmpl	"OMi Monito	oring Automation Logfil	e' enabled 0003.0000
letmpl	"OMi Script	ting Host Logfile" en	abled 0002.0011
monitor monitor	"OMi Server "OMi_CertMo	r Processes (Windows)" onitor" enabl	enabled 0001.0000 ed 0002.0011
monitortmpl	"OMi Server	r Processes (Windows)"	enabled 0001.0000
xml-ws	"OprEvent"	enabl	ed 0001.0000

2. Verify port is open after restarting agent

Restart Agent

opcagt -restart

>netstat -na | findstr "30005"

3. Test Your you pulled from jmx

https://omiHostname\_fqdn:30005/bsmc/rest/events/OprEvent

http://	h:30005/bsmc/rest/events/OprEvent - Windows Int
🔁 🕘 🗢 🥖 http://c	: Sourche coll:30005/bsmc/rest/events/OprEvent
🥌 hp.com	×
ile Edit View Favorites	Tools Help
BSMC REST Webservice	e Receiver is up and running.

4. if this does not come up to test

If you need disable authentication to OMI 10.70xx

C:\HPBSM\opr\bin>opr-rest-ws-policy-configuration.bat -disable\_auth

opr-rest-ws-policy-configuration.bat -disable\_auth

Administrator: C:\Windows\System32\cmd.exe Microsoft Windows [Version 6.0.6002] Copyright <c> 2006 Microsoft Corporation. All rights reserved. C:\HPBSM\opr\bin>opr-rest-ws-policy-configuration.bat -disable\_auth INFO: Disabling HTTP basic authentication on REST web service policies INFO: Applying changes to XPL configuration! C:\HPBSM\opr\bin>\_

and try again. This is just a workaround and not recommended

5. Once this works you can work on cert issue as mentioned in the pre-requisites .

Check if the issue you are facing are among the open defects (these will be fixed in Future releases of APM QCCR1I131614 (for 9.50) Events not sent to OMi for alerts that are generated on the APM when APM, OMi are on HTTPS QCCR1I131619 (for 9.50) APM 9.50 -> Downtimes' recipients assignments are getting deleted when integrate with OBM QCCR1I131620 (for 9.50) APM 9.50 ==> "removedRecipient", "removedUser" is not appearing when recipient and users are deleted respectively QCCR1I131457 (for 9.50) APM == OMi Integration -BPM Alerts don't use the Global ID QCCR1I131362 (for 9.50) Application Health component isn't sensitive to CI Change wiring in MyBSM or OMi Workspace QCCR1I130836 (9.40) AppHealth component in OMi workspace doesn't work with wiring QCCR1I131370 (9.40) apphealth page not loading in OBM when the APM is on NON HTTPS QCCR1I131239 (9.50) Party CI not showing in EUM view in OBM