

# IBM Symphony 6.1.1 RFE76241 ReadOnly user for Oracle DB Readme File

## About ReadOnly user for Oracle DB

With this feature, a read-only user can view and query reports from Platform Management Console (PMC) for Oracle DB. It will allow the customer to query data successfully in standard reports. It will allow the customer to run SQL statements without defining SCHEMA\_OWNER in custom reports.

**Readme file for:** IBM® Platform Symphony

**Product/Component Release:** 6.1.1

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1. Scope.....	3
2. Configuration.....	3
1) Prerequisites.....	3
2) Installation files.....	3
3) Installation procedure.....	3
4) Configuration procedure.....	4
5) Start WEBGUI service.....	4
6) Verification Procedure.....	4
3. Usage.....	9
How this feature works.....	9
4. Troubleshooting.....	10
5. Copyright and trademark information.....	10

# 1. Scope

Applicability	
Operating system	RHEL 6 64-bit
Symphony version	Platform Symphony 6.1.1 with security patch

## 2. Configuration

### 1) Prerequisites

Before configuring this feature, ensure you have the following prerequisites:

- Platform Symphony 6.1.1 must be installed.
- Platform Symphony 6.1.1 security patch (Build number 227853) must be installed.
- “Use db user(readonly) for GUI and customer report” feature must be enabled.

### 2) Installation files

File name	Description
sym6.1.1-build366573.tar.gz	The package that contains this feature supporting user's ability to view and query reports from PMC for Oracle DB.

### 3) Installation procedure

- a. Stop the WEBGUI service using the following commands:  

```
#egosh user logon -u Admin -x Admin  
#egosh service stop WEBGUI
```
- b. Clean up the browser cache.
- c. Clean up the PMC work directory:  

```
> rm -rf $EGO_TOP/gui/work/*
```
- d. Download the sym6.1.1-build366573.tar.gz file.
- e. Back up the following files on all management hosts:

```
$EGO_TOP/gui/perf/1.2.8/perfgui/WEB-  
INF/classes/com/platform/perf/report/SimpleMapListHandler.class  
$EGO_TOP/gui/perf/1.2.8/perfgui/WEB-  
INF/classes/com/platform/perf/report/common/DataSetHelper.class  
$EGO_TOP/gui/perf/1.2.8/perfgui/WEB-  
INF/classes/com/platform/perf/report/common/DataSetHelper$Watcher.class  
$EGO_TOP/gui/perf/1.2.8/perfgui/WEB-INF/classes/global-messages.properties  
$EGO_CONFDIR/../../gui/conf/navigation/pmc_layout.properties
```

- f. Copy the sym6.1.1-build366573.tar.gz file to the \$EGO\_TOP directory on all management hosts, and decompress the package.
- g. If you configure a shared dictionary, copy **pmc\_layout.properties** file to the shared configuration directory.

## 4) Configuration procedure

1. To enable this feature, add the following parameter to the <Configuration> element in \$EGO\_CONFDIR/../../gui/conf/pmccconf/pmc\_conf\_ego.xml:

```
<Parameter>  
  <Name>EnableROAlias</Name>  
  <Value>>true</Value>  
</Parameter>
```

2. If the schema owner is not the same as ReportDB user, add the following parameter to the <Configuration> element in \$EGO\_CONFDIR/../../gui/conf/pmccconf/pmc\_conf\_ego.xml (example using *MySchemaOwner* as the value for the *SchemaOwner*):

```
<Parameter>  
  <Name>SchemaOwner</Name>  
  <Value>MySchemaOwner</Value>  
</Parameter>
```

**Notes:** The schema owner is **case-sensitive**.

## 5) Start WEBGUI service

Start the WEBGUI service using the following commands:

```
#egosh user logon -u Admin -x Admin  
#egosh service start WEBGUI
```

## 6) Verification Procedure




- **Standard Reports page**

Navigate to the Standard Reports page; refer to the following snapshot:

IBM Platform Symphony Advanced Edition

Workload | Resources | Settings | Reports & Logs

### Standard Reports

	Report	Summary
	<a href="#">Cluster Availability - EGO</a>	EGO host availability in a cluster.
	<a href="#">Cluster Slot Utilization - EGO</a>	Percentage of total slots used in the cluster, averaged hourly.
	<a href="#">Host Resource Usage</a>	Resource usage trends for selected hosts.

1. Open the link shown in the Standard Reports page. The details page will show; refer to the following snapshot:

▼ Report parameters

**Time**

Specified amount of time  
 Specified date/time range

**Specify an amount of time**

ago until latest hour.

**Application**

**Cluster**

2. Choose the options and click the “Produce Report” button in the details page. The result will show; refer to the following snapshot:

▼ Report parameters

Time

- Specified amount of time
- Specified date/time range

Specify an amount of time

1 Day(s) ago until latest hour.

Application

symping6.1.1

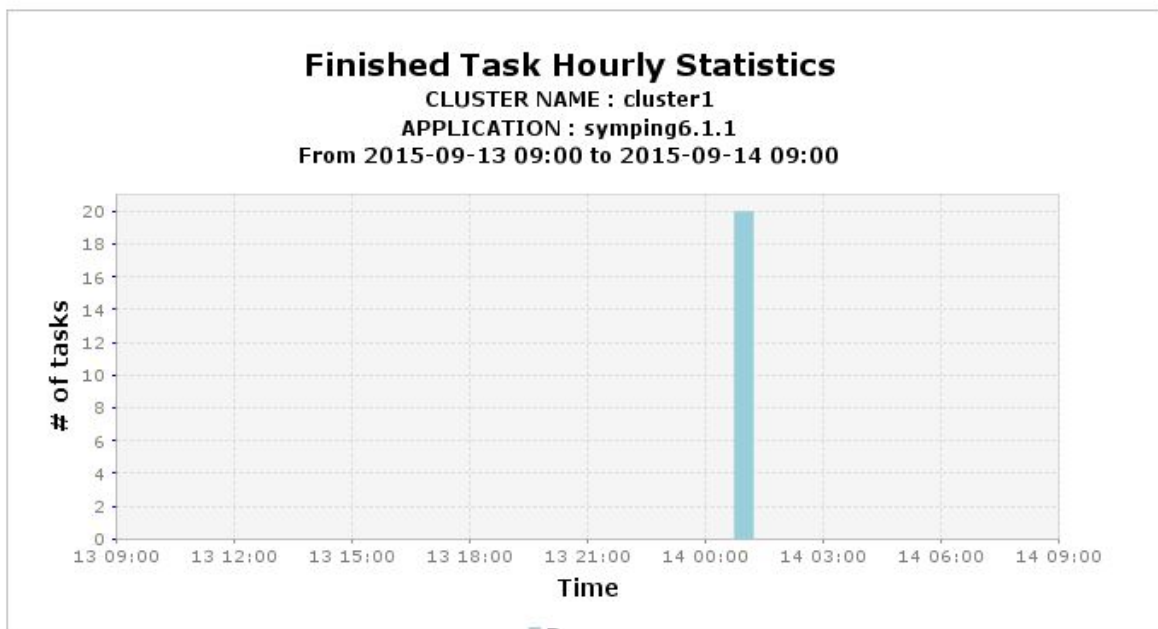
Cluster

cluster1

Produce Report

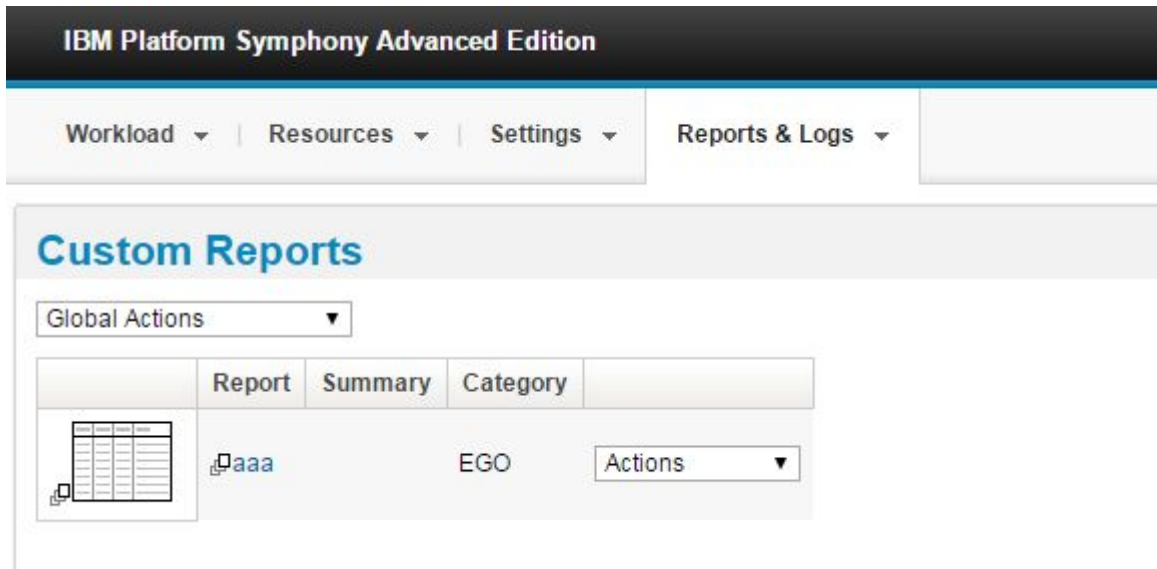
Copy to New Custom Report

▼ Report (a chart in this case)



● Custom Reports page

Navigate to the Custom Reports page; refer to the following snapshot:



User can create custom reports by using the drop-down list.

Open the link shown in the Custom Reports page. The details page will show; refer to the following snapshot:



3. Fill in the “Query String” text box with an SQL statement without schema owner (for example, “select \* from TABLE\_NAME ” ), and then click the “Produce Report” button. The result will show; refer to the following snapshot:

► Report properties

▼ Report query

Query String

```
SELECT * from TASK_ATTRIBUTES
```

Produce Report   Copy to New Custom Report

▼ Custom (a table in this case)

aaa

CLUSTER_NAME	TIME_STAMP	TIME_STAMP_GMT	TASK_ID	SESSION_ID	APP_NAME	TASK_ST
cluster1	2015-09-14 01:13:31.092	1442218411092	4	201	symping6.1.1	Done
cluster1	2015-09-14 01:13:31.092	1442218411092	1	201	symping6.1.1	Done
cluster1	2015-09-14 01:13:31.092	1442218411092	2	201	symping6.1.1	Done
cluster1	2015-09-14 01:13:31.092	1442218411092	3	201	symping6.1.1	Done
cluster1	2015-09-14 01:13:31.092	1442218411092	7	201	symping6.1.1	Done
cluster1	2015-09-14 01:13:31.092	1442218411092	5	201	symping6.1.1	Done
cluster1	2015-09-14 01:13:31.092	1442218411092	6	201	symping6.1.1	Done

4. Fill in the “ Query String ” text box with an SQL statement with schema owner (for example, “select \* from SCHEMA\_OWNER.TABLE\_NAME” ), and then click the “ Produce Report ” button. The result will show; refer to the following snapshot:



► Report properties

▼ Report query

Query String

```
SELECT * FROM PERF_TASK_ATTRIBUTES
```

Produce Report   Copy to New Custom Report

▼ Custom (a table in this case)

aaa

CLUSTER_NAME	TIME_STAMP	TIME_STAMP_GMT	TASK_ID	SESSION_ID	APP_NAME
cluster1	2015-09-14 01:13:31.092	1442218411092	4	201	symping6.1.1
cluster1	2015-09-14 01:13:31.092	1442218411092	1	201	symping6.1.1
cluster1	2015-09-14 01:13:31.092	1442218411092	2	201	symping6.1.1
cluster1	2015-09-14 01:13:31.092	1442218411092	3	201	symping6.1.1
cluster1	2015-09-14 01:13:31.092	1442218411092	7	201	symping6.1.1
cluster1	2015-09-14 01:13:31.092	1442218411092	5	201	symping6.1.1
cluster1	2015-09-14 01:13:31.092	1442218411092	6	201	symping6.1.1

### 3. Usage

#### How this feature works

This feature will add two new parameters EnableROAlias and SchemaOwner in \$EGO\_CONFDIR/../../gui/conf/pmccconf/pmc\_conf\_ego.xml. This feature is enabled if the value of

EnableROAlias is true. If the schema owner is not the same as ReportDB user, the parameter SchemaOwner should be defined.

## 4. Troubleshooting

In an Oracle database, the user name can contain some special characters, such as " " "\*" "/" "\" "# "%" and so on, and does not support two double quotation marks. The following is the running results:

```
SQL> create user " * " identified by xy;
```

User created.

```
SQL> create user "\"*\" identified by xy;
```

```
create user "\"*\" identified by xy
```

\*

ERROR at line 1:

ORA-01740: missing double quote in identifier

```
SQL> create user "\"a*x\" identified by xy;
```

```
create user "\"a*x\" identified by xy
```

\*

ERROR at line 1:

ORA-00922: missing or invalid option

```
SQL> create user "a"a identified by xy;
```

```
create user "a"a identified by xy
```

\*

ERROR at line 1:

ORA-00922: missing or invalid option

All PMC error messages are logged to \$EGO\_TOP/gui/logs/catalina.out.

## 5. Copyright and trademark information

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