



ORACLE® ENTERPRISE PERFORMANCE MANAGEMENT SYSTEM

Release 11.1.2

EPM SYSTEM RELEASE 11.1.2.2 ON ORACLE
EXALYTICS IN-MEMORY MACHINE



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EPM System Certification on Oracle Exalytics In-Memory Machine

All EPM System Release 11.1.2.2 components that are supported on the Linux platform have been certified on Oracle Exalytics In-Memory Machine.

The components supported on Exalytics include Planning, Public Sector Planning and Budgeting, Workforce Planning, Capital Asset Planning, Performance Scorecard, Profitability and Cost Management, Financial Close Management, Disclosure Management, ERP Integrator, Essbase, Financial Reporting, Interactive Reporting, Web Analysis, and SQR Production Reporting.

Note: Financial Reporting, Web Analysis, ERP Integrator, Account Reconciliation, Financial Close Management, Disclosure Management, and SOA are supported only on the Windows platform when used with Financial Management.

For specific details about individual components, please refer to the *System Requirements and Supported Platforms for Oracle Enterprise Performance Management System*, available on the [Oracle Fusion Middleware Supported System Configurations](#) page.

Using Oracle Hyperion Planning Release 11.1.2.2 on Oracle Exalytics In-Memory Machine

The following Planning Suite components are certified to run on Oracle Exalytics In-Memory Machine:

- Oracle Essbase Server
- Oracle HTTP Server
- Oracle Hyperion Provider Services
- Oracle Hyperion Calculation Manager
- Oracle Essbase Administration Server
- Oracle Hyperion Shared Services
- Oracle Hyperion Enterprise Performance Management Workspace
- Oracle Hyperion Planning
- Oracle Hyperion Financial Reporting
- Oracle Hyperion Web Analysis

For complete list of certified EPM System components on Exalytics, see the Certification Matrix located at <http://www.oracle.com/technetwork/middleware/ias/downloads/fusion-certification-100350.html>.

To build a vertically clustered Planning Suite solution on Exalytics:

1. Use EPM System Installer to install the following components:
 - Foundation Services Web applications
 - Calculation Manager Web application
 - Essbase Administration Services Web application
 - Provider Services Web application
 - Reporting and Analysis Framework services and Web application
 - Planning Web application
 - Financial Reporting Web application
 - Essbase Server
 - Oracle HTTP Server

Note: You must install these components in a different Middleware Home from the Oracle Business Intelligence Enterprise Edition software, if already installed on the machine.

2. Download and apply the EPM System PSE 16618029.
3. For the first instance, use EPM System Configurator to create a new domain and instance, and deploy the components you installed.
4. When configuring the second and subsequent instances on this machine:
 - a. Specify a unique instance folder that does not duplicate existing instances on the server.
 - b. Use the same Shared Services Registry database.
 - c. Use the same domain.
 - d. For each of the following Web applications, ensure that the ports are unique from other instances that are already configured.
 - Calculation Manager Web application
 - Essbase Administration Services Web application
 - Provider Services Web application
 - Reporting and Analysis Framework Web application
 - Planning Web application

The Planning RMI port stays the same, so it does not need to change for additional clusters.

 - Financial Reporting Web application

Change the port range field settings on the Financial Reporting – Configure RMI Ports panel in EPM System Configurator.

The following port ranges should not be used: 9500 – 9999, 53396 – 53397. These ports are used by default in Oracle BI EE deployments.

After configuration, the configuration history section of the deployment report should look something like this:

slck24005 (instance3 - Linux x64 - 1010GB)

Weblogic - DTEDomain - AnalyticProviderServices2:13120 - Essbase Provider Services Web Application
 Weblogic - DTEDomain - CalcMgr2:8540 - Calculation Manager Web Application
 Weblogic - DTEDomain - EssbaseAdminServices2:10120 - Essbase Administration Services Web Application
 Weblogic - DTEDomain - FinancialReporting2:8240 - Financial Reporting Web Application
 Weblogic - DTEDomain - FoundationServices2:28120 - Shared Services Web Application
 Weblogic - DTEDomain - FoundationServices2:28120 - Workspace Web Application
 Weblogic - DTEDomain - Planning2:8340 - Planning Web Application
 Weblogic - DTEDomain - RaFramework2:45040 - Reporting & Analysis Web Application
 Weblogic - DTEDomain - WebAnalysis2:16040 - Web Analysis Web Application

slck24005 (instance2 - Linux x64 - 1010GB)

Weblogic - DTEDomain - AnalyticProviderServices1:13100 - Essbase Provider Services Web Application
 Weblogic - DTEDomain - CalcMgr1:8520 - Calculation Manager Web Application
 Weblogic - DTEDomain - EssbaseAdminServices1:10100 - Essbase Administration Services Web Application
 Weblogic - DTEDomain - FinancialReporting1:8220 - Financial Reporting Web Application
 Weblogic - DTEDomain - FoundationServices1:28100 - Shared Services Web Application
 Weblogic - DTEDomain - FoundationServices1:28100 - Workspace Web Application
 Weblogic - DTEDomain - Planning1:8320 - Planning Web Application
 Weblogic - DTEDomain - RaFramework1:45020 - Reporting & Analysis Web Application
 Weblogic - DTEDomain - WebAnalysis1:16020 - Web Analysis Web Application

slck24005 (instance1 - Linux x64 - 1010GB)

Essbase - EssbaseCluster-1 - Essbase1:24222
 OHS - 29111
 Reporting & Analysis Service - 5800 - GSM
 Reporting & Analysis Service - 5814-5815 - DAS
 Weblogic - DTEDomain - AdminServer:27111 - Console
 Weblogic - DTEDomain - AnalyticProviderServices0:13320 - Essbase Provider Services Web Application
 Weblogic - DTEDomain - CalcMgr0:8740 - Calculation Manager Web Application
 Weblogic - DTEDomain - EssbaseAdminServices0:10320 - Essbase Administration Services Web Application
 Weblogic - DTEDomain - FinancialReporting0:8440 - Financial Reporting Web Application
 Weblogic - DTEDomain - FoundationServices0:28240 - Shared Services Web Application
 Weblogic - DTEDomain - FoundationServices0:28240 - Workspace Web Application
 Weblogic - DTEDomain - Planning0:18540 - Planning Web Application
 Weblogic - DTEDomain - RaFramework0:45240 - Reporting & Analysis Web Application
 Weblogic - DTEDomain - WebAnalysis0:16240 - Web Analysis Web Application

5. After configuration is complete:
 - a. Edit `Essbase.cfg` and add the line: `ORACLEHARDWAREACCELERATION TRUE`.
 - b. Return to the first instance and configure the Web server.
6. In `EPM_ORACLE_INSTANCE/bin`, use `start.sh` to start all services.
7. Run EPM System Diagnostics to confirm that everything is in working order.
8. If additional instances of Reporting and Analysis services are needed, use the configuration management functionality to scale it out.
 - a. Log in to EPM Workspace as an administrator.
 - b. Select **Navigate**, then **Administer**, then **Reporting and Analysis**, and then **Services**.
 - c. Right-click an agent for a Reporting and Analysis Framework service, and select **Copy**.
 - d. Enter a name and port range for the new configuration, and then click **OK**.

Using Oracle Hyperion Profitability and Cost Management Release 11.1.2.2 on Oracle Exalytics In-Memory Machine

The following Profitability and Cost Management components are certified to run on Oracle Exalytics In-Memory Machine:

- Oracle Essbase Server
- Oracle HTTP Server
- Oracle Hyperion Provider Services
- Oracle Essbase Administration Server
- Oracle Hyperion Shared Services
- Oracle Hyperion EPM Workspace
- Oracle Hyperion Profitability and Cost Management
- Oracle Hyperion Financial Reporting

For complete list of certified EPM System components on Exalytics, see the Certification Matrix located at <http://www.oracle.com/technetwork/middleware/ias/downloads/fusion-certification-100350.html>.

To build a vertically clustered Profitability and Cost Management Suite solution on Exalytics:

1. Use EPM System Installer to install the following components:
 - Foundation Services Web applications
 - Essbase Administration Services Web application
 - Provider Services Web application
 - Reporting and Analysis Framework services and Web application
 - Profitability and Cost Management Web application
 - Financial Reporting Web application
 - Essbase Server
 - Oracle HTTP Server

Note: You must install these components in a different Middleware Home from the Oracle BI EE software, if already installed on the machine.

2. Download and apply Profitability and Cost Management PSU 11.1.2.2.350 (patch ID 14400123). Follow the patch readme instructions for detailed instructions. This patch enables Profitability and Cost Management to work without Enterprise Performance Management Architect in an Exalytics environment.

Download and apply the EPM System PSE 16618029.

3. For the first instance, use EPM System Configurator to create a new domain and instance, and deploy the components you installed.

4. When configuring the second and subsequent instances on this machine:
 - a. Specify a unique instance folder that does not duplicate existing instances on the server.
 - b. Use the same Shared Services Registry database.
 - c. Use the same domain.
 - d. For each of the following Web applications, ensure that the ports are unique from other instances that are already configured.
 - Essbase Administration Services Web application
 - Provider Services Web application
 - Reporting and Analysis Framework Web application
 - Profitability and Cost Management Web application
 - Financial Reporting Web application

Change the port range field settings on the Financial Reporting – Configure RMI Ports panel in EPM System Configurator.

The following port ranges should not be used: 9500 – 9999, 53396 – 53397. These ports are used by default in Oracle BI EE deployments.

After configuration, the configuration history section of the deployment report should look something like this:

```

slck24010.us.oracle.com (instance1 - Linux x64 - 1010 GB)
Essbase - EssbaseCluster-1 - Essbase1:14231
OHS - 29000
Reporting & Analysis Service - 16800 - GSM
Reporting & Analysis Service - 16814-16815 - DAS
WebLogic - DTEDomain - AdminServer:7001 - Console
WebLogic - DTEDomain - AnalyticProviderServices0:13080 - Essbase Provider Services Web Application
WebLogic - DTEDomain - EssbaseAdminServices0:10080 - Essbase Administration Services Web Application
WebLogic - DTEDomain - FinancialReporting0:8200 - Financial Reporting Web Application
WebLogic - DTEDomain - FoundationServices0:28080 - Shared Services Web Application
WebLogic - DTEDomain - FoundationServices0:28080 - Workspace Web Application
WebLogic - DTEDomain - Profitability0:6756 - Profitability Web Application
WebLogic - DTEDomain - RaFramework0:45000 - Reporting & Analysis Web Application
slck24010.us.oracle.com (instance2 - Linux x64 - 1010 GB)
WebLogic - DTEDomain - AnalyticProviderServices1:13180 - Essbase Provider Services Web Application
WebLogic - DTEDomain - EssbaseAdminServices1:10180 - Essbase Administration Services Web Application
WebLogic - DTEDomain - FinancialReporting1:8300 - Financial Reporting Web Application
WebLogic - DTEDomain - FoundationServices1:28180 - Shared Services Web Application
WebLogic - DTEDomain - FoundationServices1:28180 - Workspace Web Application
WebLogic - DTEDomain - Profitability1:6756 - Profitability Web Application
WebLogic - DTEDomain - RaFramework1:45100 - Reporting & Analysis Web Application
slck24010.us.oracle.com (instance3 - Linux x64 - 1010 GB)
WebLogic - DTEDomain - AnalyticProviderServices2:13280 - Essbase Provider Services Web Application
WebLogic - DTEDomain - EssbaseAdminServices2:10280 - Essbase Administration Services Web Application
WebLogic - DTEDomain - FinancialReporting2:8400 - Financial Reporting Web Application
WebLogic - DTEDomain - FoundationServices2:28280 - Shared Services Web Application
WebLogic - DTEDomain - FoundationServices2:28280 - Workspace Web Application
WebLogic - DTEDomain - Profitability2:6956 - Profitability Web Application
WebLogic - DTEDomain - RaFramework2:45200 - Reporting & Analysis Web Application

```

5. After configuration is complete:
 - a. Edit `Essbase.cfg` and add the line: `ORACLEHARDWAREACCELERATION TRUE.`
 - b. Return to the first instance and configure the Web server.
6. In `EPM_ORACLE_INSTANCE/bin`, use `start.sh` to start all services.

7. Run EPM System Diagnostics to confirm that everything is in working order.
8. If additional instances of Reporting and Analysis services are needed, use the configuration management functionality to scale it out.
 - a. Log in to EPM Workspace as an administrator.
 - b. Select **Navigate**, then **Administer**, then **Reporting and Analysis**, and then **Services**.
 - c. Right-click an agent for a Reporting and Analysis Framework service, and select **Copy**.
 - d. Enter a name and port range for the new configuration, and then click **OK**.

Customizing Java Web Application Settings

When using EPM System Configurator to deploy Java web applications, they do not start properly because EPM System Configurator defines too large of a heap size. Generally, EPM System Configurator calculates a maximum heap size of $\frac{1}{4}$ of system memory.

To customize the Java web application settings to address this issue:

1. In `<EPM_ORACLE_INSTANCE>/bin/deploymentScripts`, locate the following scripts for each Java web application:
`setCustomParams*.sh`, where `*` is replaced with each managed server name
2. In each `setCustomParams*.sh` script, update the following two `JAVA_OPTIONS` settings:
 - Update the `-Xmx` setting to be: `-Xmx60000m`
 - Update the `-XXcompressedRefs:size` setting to be: `-XXcompressedRefs:size=64GB`
3. Restart the Java web applications.

Building a full Essbase, Financial Management, and Planning deployment on Oracle Exalytics In-Memory Machine

The best practice is to have Financial Management and Planning share one Foundation Services. For this type of deployment, we recommend that you configure the following services on Exalytics:

- Essbase
- Essbase Integration Services
- Essbase Studio Server
- Foundation Agent - Interactive Reporting Data Access Service
- Foundation Agent - Interactive Reporting Intelligence Service

- Foundation Agent - Interactive Reporting Job Service
- Foundation Agent - Interactive Reporting Log Service
- Foundation Agent - Reporting and Analysis Framework
- OHS
- Planning RMI Registry
- WebLogic – Admin Console
- WebLogic - Provider Services Web Application
- WebLogic - Calculation Manager Web Application
- WebLogic - EPMA Data Synchronizer Web Application
- WebLogic - EPMA Web Application
- WebLogic - Essbase Administration Services Web Application
- WebLogic - Performance Scorecard Alerter Web Application
- WebLogic - Performance Scorecard Web Reports Web Application
- WebLogic - Planning Web Application
- WebLogic - Profitability and Cost Management Web Application
- WebLogic - Reporting and Analysis Web Application

And the following services on Windows:

- EPMA Dimension Server
- Financial Data Quality Management Server
- Financial Management DME Listener
- Financial Management Server
- IIS - EPMA Web Service
- IIS - Financial Management ASPNet Web Service
- IIS - Financial Management Lifecycle Management Web Application
- IIS - Financial Management SmartView Web Application
- IIS - Financial Management Web Application
- WebLogic - Shared Services Web Application
- WebLogic - Workspace Web Application
- WebLogic - Financial Reporting Web Application
- WebLogic - Web Analysis Web Application
- WebLogic - Financial Management ADF Web Application
- WebLogic - Financial Management Web Service
- WebLogic - ERP Integrator Web Application (FDMEE Web application in 11.1.2.3)
- WebLogic - Account Reconciliation Web Application

- WebLogic - Financial Close Web Application
- WebLogic - Disclosure Management Web Application
- WebLogic - SOA

Note: For this deployment, you are required to apply patch 16618029 to both Windows and Exalytics machines.

After configuration, the deployment report configuration should look something like this:

```

scl20048(epmsystem1 - Linux x64 - 8GB)
  Essbase - EssbaseCluster-1 - Essbase1:1423
  Essbase Studio Server - 9080
  OHS - 19000
  Reporting & Analysis Service - 6800 - GSM
  Reporting & Analysis Service - 6814-6815 - DAS
  Weblogic - EPMSsystem - AdminServer:7001 - Console
  Weblogic - EPMSsystem - AnalyticProviderServices0:13080 - Essbase Provider Services Web Application
  Weblogic - EPMSsystem - CalcMgr0:8500 - Calculation Manager Web Application
  Weblogic - EPMSsystem - EpmaDataSync0:19101 - EPMA Data Synchronizer Web Application
  Weblogic - EPMSsystem - EpmaWebReports0:19091 - EPMA Web Application
  Weblogic - EPMSsystem - EssbaseAdminServices0:10080 - Essbase Administration Services Web Application
  Weblogic - EPMSsystem - FoundationServices0:28080 - Shared Services Web Application
  Weblogic - EPMSsystem - FoundationServices0:28080 - Workspace Web Application
  Weblogic - EPMSsystem - HpsAlerter0:18081 - Performance Scorecard Alerter Web Application
  Weblogic - EPMSsystem - HpsWebReports0:18080 - Performance Scorecard Web Reports Web Application
  Weblogic - EPMSsystem - Planning0:8300 - Planning Web Application
  Weblogic - EPMSsystem - Profitability0:6756 - Profitability Web Application
  Weblogic - EPMSsystem - RaFramework0:45000 - Reporting & Analysis Web Application
scl34279(epmsystem1 - Windows Server 2008 R2 - 16GB)
  EPMA Dimension Server - 5251
  Financial Data Quality Server - DCOM Ports
  Financial Management Server - DCOM Ports - (Cluster1, scl34279)
  IIS - 80 - EPMA IIS WebService
  IIS - 80 - Financial Data Quality IIS Web Application
  IIS - 80 - Financial Management IIS Web Application
  IIS - 80 - Financial Management IIS Web Service
  IIS - 80 - Financial Management Lifecycle Management IIS Web Application
  IIS - 80 - Financial Management Smartview IIS Web Application
  Reporting & Analysis Service - 6800 - GSM
  Weblogic - soa_domain - AdminServer:7001 - Console
  Weblogic - soa_domain - DisclosureManagement0:8600 - Disclosure Management Web Application
  Weblogic - soa_domain - EpmaWebReports0:19091 - EPMA Web Application
  Weblogic - soa_domain - ErpIntegrator0:6550 - ERPI Web Application
  Weblogic - soa_domain - FinancialClose0:8700 - Account Reconciliation Web Application
  Weblogic - soa_domain - FinancialClose0:8700 - Financial Close Web Application
  Weblogic - soa_domain - FinancialReporting0:8200 - Financial Reporting Web Application
  Weblogic - soa_domain - HFMWeb0:7363 - Financial Management Web Application
  Weblogic - soa_domain - HFMWeb0:7363 - Financial Management Web Service
  Weblogic - soa_domain - WebAnalysis0:16000 - Web Analysis Web Application

```

After configuration, the configuration history section of the deployment report should look something like this:

scl20048 - 06/17/2013

This table lists configuration history of activities on the specified date and server combination.

Start Time	Duration	Action	Component
00:27	00:00	Start	EPM Configurator
00:31	00:00	Configure	Hyperion Foundation
00:31	00:00	Configure Common Settings	Hyperion Foundation
00:31	00:09	Configure Oracle Configuration Manager	Hyperion Foundation
00:31	00:13	Configure Database	Hyperion Foundation
00:32	00:01	Register with Shared Services	Performance Management Architect
00:32	00:00	Configure	Performance Management Architect
00:32	00:00	Register with Shared Services	Essbase Studio
00:32	00:00	Configure	Essbase Studio
00:32	00:05	Configure Database	Essbase Studio
00:32	00:00	Configure	Calculation Manager
00:32	00:00	Register with Shared Services	Calculation Manager
00:32	00:05	Configure Database	Calculation Manager
00:32	00:00	Register with Shared Services	Essbase Administration Services
00:32	00:03	Configure Database	Essbase Administration Services
00:32	00:00	Configure Essbase Integration Services	Essbase Integration Services
00:32	00:00	Configure	Essbase
00:32	00:00	Configure	Essbase Integration Services
00:32	00:31	Register with Shared Services	Performance Scorecard
00:32	00:00	Register with Shared Services	Essbase
00:33	00:18	Configure Database	Performance Scorecard
00:33	00:00	Configure Attachment Files Location	Performance Scorecard
00:33	00:00	Configure	Planning
00:33	00:00	Register with Shared Services	Planning
00:33	00:03	Configure Database	Planning
00:33	00:36	Configure Database	Profitability and Cost Management
00:33	00:00	Register with Shared Services	Profitability and Cost Management
00:33	00:00	Configure	Profitability and Cost Management
00:34	00:09	Configure	Reporting and Analysis
00:34	00:04	Register with Shared Services	Reporting and Analysis
00:34	01:06	Configure Database	Reporting and Analysis
00:35	00:11	Configure Framework Services	Reporting and Analysis
00:35	00:04	Configure Reporting and Analysis Services	Reporting and Analysis
00:35	04:41	Deploy to Application Server	Shared Services Web Application
00:40	00:00	Deploy to Application Server	EPMA Data Synchronizer Web Application
00:40	00:00	Deploy to Application Server	EPMA Web Application
00:40	00:00	Deploy to Application Server	Calculation Manager Web Application
00:40	00:00	Deploy to Application Server	Essbase Administration Services Web Application
00:40	00:00	Deploy to Application Server	Performance Scorecard Alerts Web Application
00:40	00:00	Deploy to Application Server	Performance Scorecard Web Reports Web Application
00:40	00:01	Deploy to Application Server	Planning Web Application
00:40	00:00	Deploy to Application Server	Workspace Web Application
00:40	00:00	Deploy to Application Server	Profitability Web Application
00:40	00:00	Deploy to Application Server	Reporting & Analysis Web Application
00:40	00:00	Deploy to Application Server	Web Analysis Web Application
00:40	00:05	Configure Essbase Server	Essbase
00:40	00:00	Processing Re-registration Script	Profitability and Cost Management
00:40	00:00	Processing Re-registration Script	Reporting and Analysis
00:40	01:03	Configure Web Server	Hyperion Foundation

scl34279 - 06/17/2013

This table lists configuration history of activities on the specified date and server combination.

Start Time	Duration	Action	Component
02:21	00:00	Start	EPM Configurator
02:32	00:00	Configure	Hyperion Foundation
02:32	00:06	Configure Common Settings	Hyperion Foundation
02:33	01:04	Configure Oracle Configuration Manager	Hyperion Foundation
02:34	00:03	Configure Database	Hyperion Foundation
02:34	00:02	Register with Shared Services	ERP Integrator
02:34	01:02	Configure Database	ERP Integrator
02:35	00:05	Configure	Performance Management Architect
02:35	00:22	Configure Database	Performance Management Architect
02:35	00:13	Create EPMA Virtual Directory	Performance Management Architect
02:36	00:01	Configure	Disclosure Management
02:36	00:00	Register with Shared Services	Disclosure Management
02:36	00:17	Configure Database	Disclosure Management
02:36	00:00	Configure	FDM
02:36	00:21	Configure FDM Web Application	FDM
02:36	00:01	Configure FDM Server	FDM
02:37	00:00	Configure	Financial Close Management
02:37	00:00	Register with Shared Services	Financial Close Management
02:37	00:56	Configure Database	Financial Close Management
02:38	00:00	Configure Content Management System Location	Financial Close Management
02:38	00:00	Configure	Account Reconciliation
02:38	00:00	Register with Shared Services	Account Reconciliation
02:38	00:30	Configure Database	Account Reconciliation
02:38	00:00	Configure Content Management System Location	Account Reconciliation
02:38	00:00	Configure	Reporting and Analysis
02:38	00:04	Configure Database	Reporting and Analysis
02:38	00:40	Configure Framework Services	Reporting and Analysis
02:39	00:00	Configure	Financial Reporting
02:39	00:02	Configure Database	Financial Reporting
02:39	00:00	Configure Financial Reporting RMI Ports	Financial Reporting
02:39	01:06	Configure	Financial Management
02:40	00:00	Register with Shared Services	Financial Management
02:40	00:09	Configure DCOM	Financial Management
02:40	00:18	Configure Database	Financial Management
02:41	00:04	Configure Application Server	Financial Management
02:41	00:00	Configure Application Cluster	Financial Management
02:41	00:44	Configure Web Server	Financial Management
02:42	09:28	Deploy to Application Server	ERPI Web Application
02:51	00:00	Deploy to Application Server	EPMA Web Application
02:51	00:00	Deploy to Application Server	Disclosure Management Web Application
02:51	00:00	Deploy to Application Server	Financial Close Management Web Application
02:51	00:00	Deploy to Application Server	Account Reconciliation Management Web Application
02:51	00:00	Deploy to Application Server	Web Analysis Web Application
02:51	00:00	Deploy to Application Server	Financial Reporting Web Application
02:51	00:00	Deploy to Application Server	Financial Management Web Application
02:51	00:00	Deploy to Application Server	Financial Management Web Service
02:51	00:00	Processing Re-registration Script	Reporting and Analysis

scl34279 - 06/17/2013

This table lists configuration history of activities on the specified date and server combination.

Start Time	Duration	Action	Component
03:31	00:00	Stop	EPM Configurator
03:41	00:00	Start	EPM Configurator
03:42	01:09	Deploy to SOA	Financial Close Management
03:44	00:11	Deploy to SOA	Account Reconciliation
03:44	00:07	Deploy to SOA for ERPI	Account Reconciliation

scl20048 - 06/17/2013

This table lists configuration history of activities on the specified date and server combination.

Start Time	Duration	Action	Component
03:50	01:03	Configure Web Server	Hyperion Foundation

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EPM System EPM System Release 11.1.2.2 on Oracle Exalytics In-Memory Machine, 11.1.2

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Authors: EPM Information Development Team

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