



HPE IT Business Analytics 10.10 Patch 0002 Release Notes

Linux operating system

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The document includes the following topics:

HPE IT Business Analytics 10.10 Patch 0002 Release Notes	1
Installation	3
File Structure in the Patch Package	3
Prerequisites	3
Install Patch	3
Upgrade Demo CAPs	6
Upgrade to BO 4.1 SP7	7
Update Installation on Windows	7
Update installation on UNIX	9
Uninstallation	11
Change Requests	13
Enhancements	15
New Certifications	15
HPE IT Business Analytics 10.10 Patch 0001 Release Notes	16
Installation	16
File Structure in the Patch Package	16
Prerequisites	17
Install Patch	17
Upgrade to BO 4.1 SP7	19

Update Installation on Windows	20
Update installation on UNIX	22
Uninstallation	23
Change Requests	24
Enhancements	26
New Certifications	27

Installation

File Structure in the Patch Package

File Name	Description
HPBA10.10-Patch2-redhat-x64-bin.tar.gz	ITBA10.10 Patch2 installer for Redhat
BOE4.1SP7-Linux/BIPLATSVR4107_0-20010869.TGZ	BOE 4.1 sp7 patch installer on Linux
BOE4.1SP7-Windows/BIPLATSVR4107_0-20010870.EXE	BOE 4.1 sp7 patch installer on windows

Prerequisites

Before you install the Patch, perform the following steps:

1. To ensure HPE IT Business Analytics (ITBA) is installed and running, proceed as follows:
 - Go to **\$HPBA_HOME/supervisor/bin** and execute **hpba-status.sh** to check that ITBA is running.

```
[admin@xs10v7 bin]$ ls
check-vertica-connection.sh  hpba-restart.sh  hpba-start.sh  hpba-status.sh  hpba-stop.sh
[admin@xs10v7 bin]$ ./hpba-status.sh

Postgres is starting ...Postgres started
Apache-Httpd is starting ...Apache-Httpd started
MQBroker is starting ...MQBroker started
Vertica connection checking ... Passed
Glassfish is starting .....Glassfish started

Staats: HPBA is started.

[admin@xs10v7 bin]$ pwd
/home/admin/HPBA-340-340-master-redhat-x64/supervisor/bin
[admin@xs10v7 bin]$
```

- Log on the ITBA application and see that everything is working properly.

Install Patch

The patch is installed on the ITBA server.

Note: ITBA is automatically backed up by the patch installation.

1. Download the **EXSC_00027.zip** package from https://softwaresupport.hpe.com/group/softwaresupport/search-result/-/facetsearch/document/LID/EXSC_00027
2. Decompress **EXSC_00027.zip**.
3. Upload the corresponding ITBA10.10 patch 2 installer to the ITBA server .
4. Decompress the ITBA Patch Installer. In the directory where you decompressed the package, run **./ITBAPatchUpgrade.sh**.

Enter **Y** to accept that the patch will overwrite some of the items.

```
HPBA_HOME is /home/hpba/HPBA-340-340-master-redhat-x64
Pass ITBA installer check...
Pass environment variable check!

=====
===== Welcome to The ITBA PATCH Upgrade =====
=====

*Prerequisites*:
(1) ITBA 10.10 must be installed.
(2) Create a directory with the rwx permission to back up the current ITBA.
(3) You need, at least, 6GB free disk space.

Patch will overwrite 0 BO biar files, 17 contexts, 2 entities, 1 pages, 0 KPIs. For complete detail checklist, please check log.
Are you sure you want to continue? (Y/N): y
```

Enter the path where you want to backup ITBA. Save the path for future use. The name of the backup file uses the following pattern: **ITBA-PATCH-BACKUP-<YYYYMMDD>-<HH-MM-SS>.tar.gz**.

```
Start the ITBA PATCH Upgrade...

check if the content pack is currently installing or upgrade.....[passed]
check if the ETL is running or not.....[passed]
check if the KPI engine is running.....[passed]
check if the CAP is deactivating or activating.....[passed]

precheck passed, making sure that the modules are not running during the upgrade
Input ***ABSOLUTE*** path to back up the current ITBA: /home/hpba/backup
System type: RedHat
Success: BACKUP directory disk space check passed.
INFO: BACKUP PATH check passed.
```

Installation

The Patch installation starts.

```

(1/41) patch upgrade ... [>] (2%) 1ms
(2/41) versionAvailableCheckTask [=>] (5%) 5ms
(3/41) pgConnectionAvailableCheckTask [==>] (7%) 533ms
(4/41) baServiceCheckTask [===>] (10%) 4s
(5/41) dataIntegrityAndPortsCheckTask [====>] (12%) 7ms
(6/41) changeModeTask [=====>] (15%) 13ms
(7/41) stopHPBAForBackup [=====>] (17%) 52s
(8/41) backupTask [=====>] (20%) 363s
(9/41) deleteGeneratedDirs [=====>] (22%) 391ms
(10/41) startHPBAAfterBackup [=====>] (24%) 154s
(11/41) getVerticaInfoTask [=====>] (27%) 309ms
(12/41) replacePlaceholderTask [=====>] (29%) 9ms
(13/41) markPatchUpgradingInProgressTask [=====>] (32%) 21ms
(14/41) upgrading [=====>] (34%) 7s
(15/41) getGlassfishInfoTask [=====>] (37%) 31ms
(16/41) postUpgrade [=====>] (39%) 2ms
(17/41) undeployAllWars [=====>] (41%) 20s
(18/41) undeployETLToolKit [=====>] (44%) 5ms
(19/41) stopHPBAInUpgrade [=====>] (46%) 6s
(20/41) deleteGeneratedDirsUpgrade [=====>] (49%) 585ms
(21/41) startHPBAInUpgrade [=====>] (51%) 15s
(22/41) deployAllWars [=====>] (54%) 234s
(23/41) deployETLToolKit [=====>] (56%) 7ms
(24/41) CheckConsolidationStatus [=====>] (59%) 1s
(25/41) GetScheduleJobTask [=====>] (61%) 41ms
(26/41) CheckDataSourceInstance [=====>] (63%) 36ms
(27/41) CheckAllUploadedCapsTask [=====>] (66%) 16ms
(28/41) CheckActivatedCaps [=====>] (68%) 20ms
(29/41) abortRunningETL [=====>] (71%) 30ms
(30/41) deactivatedInstances [=====>] (73%) 2s
(31/41) redeployContentPack [=====>] (76%) 198s
(32/41) ActivateDataSourceTask [=====>] (78%) 2ms
(33/41) RestoreScheduleJobTask [=====>] (80%) 14ms
(34/41) EnableConsolidationTask [=====>] (83%) 2ms
(35/41) DelCapsFromWebTask [=====>] (85%) 1s
(36/41) OutOfTheBoxImportTask [=====>] (88%) 215s
(37/41) markUpgradeFinish [=====>] (90%) 40ms
(38/41) deleteSensitiveInformation [=====>] (93%) 2ms
(39/41) stopHPBA4Upgrade [=====>] (95%) 53s
(40/41) deleteGeneratedDirs4Upgrade [=====>] (98%) 561ms
(41/41) startHPBA4Upgrade [=====>] (100%) 136s
Upgrade completed successfully!
Upgrade PATCH has taken 24 minutes 36 seconds

```

The patch installation is complete.

Upgrade Demo CAPs

If you want to work with the latest Demo CAPs, you must upgrade the Demo CAPs by performing the following steps:

1. Deactivate the Demo CAPs if they are active.
2. Delete the Demo CAP.
3. Copy the relevant Demo CAP from the following location to the user local folder:

`$HPBA_Home /ContentPacks/DEMO_CONTENT/INBUILT/BI/CAP/LANGUAGES/en_US/`

4. Upload the Demo CAP to ITBA.
5. Activate the Demo CAP.

Upgrade to BO 4.1 SP7

Tip: This upgrade section is optional as ITBA 10.10 supports both BO 4.1SP2, BO 4.1SP3, and BO 4.1 SP7.

Update Installation on Windows

You must have Administrator privileges on your Windows system to run an update installation.

In order to free resources on the machine on which you are installing this update, it is recommended that you use the Central Management Console (CMC) to stop all of the BI platform servers on the machine before installing the update, with the following exceptions:

- Server Intelligence Agent (SIA)
- Central Management Server (CMS)
- Input and Output File Repository Servers (FRS)
- CMS system database

These services and servers must be running for the installation to proceed.

Note: If you are updating a product that contains server components, the installation program prompts you for information for your deployment's Central Management Server (CMS). This is required to update content that is stored in the CMS database, such as localized strings for server properties.

To install the BI platform server update on Windows

This procedure is used to install updates to the BI platform servers running on Windows.

1. In the **EXSC_00027.zip** package you have already downloaded, launch the BOE installation by running **setup.exe**.

Note: Two BOE upgrade installers are available: one for Redhat and Centos, the other one for Ubuntu.

2. Choose a language for the installation program to use during the installation process, and click

OK.

The installation program checks your system to ensure the proper prerequisites are in place.

3. Click **Next**.
4. In the **Welcome** dialog box, click **Next** to proceed.
5. In the **License Agreement** dialog box, review the contents of the End User License Agreement, and click **Next** to proceed if you agree to the terms.

If the update includes server components, the **CMS** dialog box is displayed.

6. Type the Hostname, Port Number, and Administrator Password for your deployment's CMS, and click **Next** to continue.
7. In the **Start Installation** dialog box, click **Next** to begin the installation.

The update will install. When the installation is complete, a completion screen will appear. This screen may contain some additional instructions.

Note: If web applications are updated as part of the update, depending on the options you chose when you originally installed SAP BusinessObjects Enterprise a dialog box may appear with additional instructions for redeploying your .war files.

8. Click **Finish**.

To install client product updates on Windows

Note: Ensure that all BI Suite client products are closed before installing the update. Should you find that any client program fails to start after the update, running the installation program in repair mode should correct the issue.

This procedure is used to install updates for BI Suite client products. This includes the following packages:

- SAP BusinessObjects Business Intelligence platform Client Tools
- SAP Crystal Reports 2013
- SAP Crystal Reports for Enterprise
- SAP BusinessObjects Live Office
- SAP BusinessObjects Dashboards

1. Launch the installation by running **setup.exe**.
2. Choose a language for the installation program to use during the installation process, and click **OK**. The installation program will perform a check to ensure the required prerequisites are in place.
3. Click **Next**.
4. In the **Welcome** dialog box, click **Next**.
5. In the **License Agreement** dialog box, review the contents of the End User License Agreement, and click **Next** to proceed if you agree to the terms.
6. In the **Start Installation** dialog box, click **Next** to begin the installation. The **Installation Progress** dialog box appears.

Update installation on UNIX

In order to free resources on the machine on which you are installing this update, it is recommended that you use the Central Management Console (CMC) to stop all of the BI platform servers on the machine before installing the update, with the following exceptions:

- Server Intelligence Agent (SIA)
- Central Management Server (CMS)
- Input and Output File Repository Servers (FRS)
- CMS system database

These services and servers must be running for the installation to proceed.

Note: If you are updating server components, the installation program prompts you for information for your deployment's Central Management Server (CMS). This is required to update content that is stored in the CMS database, such as localized strings for server properties.

To install the BI platform server update on UNIX

1. Launch the installation by running the following command from the update installation source file location: **./setup.sh**
2. Select the language you want the installation program to run in and press **Enter**.
A dialog box appears that shows the installation directory you have specified.
3. Verify the installation directory and press **Enter** to start the installation.

The installation program will check to ensure the required prerequisites are in place.

4. Press **Enter** to continue.

A Welcome screen will be displayed.

5. Press **Enter** to continue.

The license agreement will be displayed.

6. Review the content of the License agreement and press **Enter** to agree and proceed.

If the update includes server components, you will be prompted for your CMS credentials.

7. Enter your CMS credentials and press Enter to start the installation. The progress indicator displays the status of the installation.

A message will appear when the install is complete. This message may also have some additional instructions.

Note: If web applications are modified as part of the update, depending on the options you chose when you originally installed SAP BusinessObjects Enterprise a dialog box may appear with additional instructions for redeploying your .war files.

8. Press **Enter** to complete the installation.

To review details of the installation, you can view the contents of the installation log file located in:
<INSTALLDIR>/InstallData/logs/<DATEandTIME>/.

Uninstallation

To uninstall the patch:

1. During the installation of the patch, a backup file was created in the path that you specified. The name of the backup file uses the following pattern: **ITBA-PATCH-BACKUP-<YYYYMMDD>-<HH-MM-SS>.tar.gz**.
2. Make sure that ITBA 10.10 Patch 0002 is up and running before executing the uninstall process.
3. In the directory where you decompressed the Patch 0002 package, run **./Uninstall.sh**

Enter **Y** to uninstall the patch.

```
[hpba@jio226 HPBA10.10-Patch2-redhat-x64]$ ./Uninstall.sh
HPBA_HOME is /home/hpba/HPBA-340-340-master-redhat-x64
Pass uninstall operator check...
Pass environment variable check!

=====
===== Welcome to ITBA PATCH Uninstall =====
=====

*NOTICE*:
Please confirm the following requirements:
  (1) This upgrade uninstall shell is only for ITBA PATCH uninstall.
  (2) This server should have installed ITBA PATCH.
  (3) Contact supporter for further solution would be much better than uninstall ITBA PATCH.

Are you sure to continue your uninstall operation? (Y/N): [ ]
```

Enter the backup file absolute path including the file name to restore ITBA .

```
Start to uninstall ITBA PATCH...

Please input ***ABSOLUTE*** file path and name of your backup file of ITBA 10.10 : /home/hpba/backup/ITBA-PATCH-BACKUP-20170405-17-02-02.tar.gz
```

The uninstallation program is running:

```
Postgres is stopping ...Postgres stopped
Apache-Httpd is stopping ...Apache-Httpd stopped
MQBroker is stopping ...MQBroker stopped
Glassfish is stopping .....Glassfish stopped

Status: ITBA stopped.
```

Uninstallation

The uninstall process was successful:

```

webserver/ssl/fips-2.0/include/openssl/opensslconf.h
webserver/ssl/fips-2.0/include/openssl/asn.h
webserver/ssl/fips-2.0/include/openssl/des.h
webserver/ssl/fips-2.0/include/openssl/buffer.h
webserver/ssl/fips-2.0/include/openssl/ecdsa.h
webserver/ssl/fips-2.0/include/openssl/fips.h
webserver/ssl/fips-2.0/include/openssl/rsa.h
webserver/ssl/fips-2.0/include/openssl/ebcdic.h
webserver/ssl/fips-2.0/include/openssl/cmac.h
webserver/ssl/fips-2.0/include/openssl/ecdh.h
webserver/ssl/fips-2.0/include/openssl/hmac.h
webserver/ssl/fips-2.0/include/openssl/e_os2.h
webserver/ssl/fips-2.0/bin/
webserver/ssl/fips-2.0/bin/fips_standalone_sha1
webserver/ssl/fips-2.0/bin/fipsId
Successfully decompress backup file!

Postgres is stopping ...Postgres stopped
Apache-Httpd is stopping ...Apache-Httpd stopped
MQBroker is stopping ...MQBroker stopped
Glassfish is stopping ...Glassfish stopped

Status: ITBA stopped.

Postgres is starting ....Postgres started
Apache-Httpd is starting ...Apache-Httpd started
MQBroker is starting .....MQBroker started
Vertica connection checking ... Passed
Glassfish is starting .....Glassfish started

Status: ITBA is running.

Uninstallation completed successfully!
[hpba@j1c226 HPBA10.10-Patch2-redhat-x64]#
```

Change Requests

The Patch corrects the following Change Requests:

Change Request (QCCR8B)	Description
25711	ITBA wiring lost after page save.
26048	Breakdown by Demand Calculation Wrong for combined formula.
26058	There is no data when the additional breakdown name contains blank space.
26136	After successful activate CAP, check KPI Calculation may find error because of the metric has many levels of breakdown.
26177	After restart ITBA server, the KPI engine will recalculate all the context whose status is error.
26277	Context Calculation Issue.
26133	It is slow to open user & groups window on dimension permission page in LDAP mode.
26196	User cannot log in to ITBA (LDAP integration) - Error 403 "User has not rights...
26352	UCMDB/SM/AM (w/ SSL) -> ITBA(w/ SSL): Not stable, sometimes LWSSO fails, inside ITBA once then logout , for all browsers.
26211	SA: ETL failed for version SA10.21+.
26233	Configure KPI/Metric Value Decimal Precision.
26028	Customer want to be able to select significant figures of the decimals.
26489	ITBA UI enhancement for history component.
26630	LDAP user can not create New Scorecard when LDAP contains everyone group.
26256	OOTB ITBA CSA ETL not fetching correct data.
26405	Error 404 when using LDAP.
26963	ITBA is prone to reflected XSS (megaComponent.jsp)
26964	ITBA is prone to reflected XSS (scorecard.jsp)
26965	ITBA is prone to reflected XSS (usMap.jsp)
26966	ITBA is prone to reflected XSS (breakdownSelector.jsp)

Change Requests

Change Request (QCCR8B)	Description
26971	ITBA is prone to persistent XSS (Category name)
27534	Clickjacking (aka Cross-Frame Scripting)

Enhancements

ITBA 10.10 Patch 0001 enhancements are as follows:

Enhancements
Data Set tab in EXPLORER - Duplicate Records, even with DISTINCT function Solution: display all columns in the table with the ability to store the configuration of the selections and the order of the columns in the table.
Provide the ability to store the configuration of Column's selection and order in Data Set tab in EXPLORER.
BOE: Upgrade BOE to 4.1SP7 to upgrade BOE Apache Tomcat to version 7.0.40 and higher. For details, see https://softwaresupport.hp.com/km/KM02120397 .

New Certifications

- SAP® BusinessObjects BI Platform 4.1SP7



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Installation	16
File Structure in the Patch Package	16
Prerequisites	17
Install Patch	17
Upgrade to BO 4.1 SP7	19
Update Installation on Windows	20
Update installation on UNIX	22
Uninstallation	23
Change Requests	24
Enhancements	26
New Certifications	27

Installation

File Structure in the Patch Package

File Name	Description
HPBA10.10-Patch1-redhat-x64-bin.tar.gz	ITBA10.1 Patch1 installer for Redhat/Centos

File Name	Description
HPBA10.10-Patch1-ubuntu-x64-bin.tar.gz	ITBA10.1 Patch1 installer for Ubuntu
BOE4.1SP7-Linux/BIPLATSVR4107_0-20010869.TGZ	BOE 4.1 sp7 patch installer on Linux
BOE4.1SP7-Windows/BIPLATSVR4107_0-20010870.EXE	BOE 4.1 sp7 patch installer on windows

Prerequisites

Before you install the Patch, perform the following steps:

1. To ensure HPE IT Business Analytics (ITBA) 10.10 is installed and running, proceed as follows:
 - Go to **\$HPBA_HOME/supervisor/bin** and execute **hpba-status.sh** to check that ITBA 10.10 is running.

```
[admin@xs10v7 bin]$ ls
check-vertica-connection.sh  hpba-restart.sh  hpba-start.sh  hpba-status.sh  hpba-stop.sh
[admin@xs10v7 bin]$ ./hpba-status.sh

Postgres is starting ...Postgres started
Apache-Httpd is starting ...Apache-Httpd started
MQBroker is starting ...MQBroker started
Vertica connection checking ... Passed
Glassfish is starting .....Glassfish started

Staust: HPBA is started.

[admin@xs10v7 bin]$ pwd
/home/admin/HPBA-340-340-master-redhat-x64/supervisor/bin
[admin@xs10v7 bin]$
```

- Log on the ITBA application and see that everything is working properly.

Install Patch

The patch is installed on the ITBA server.

Note: ITBA is automatically backed up by the patch installation.

1. Download the **EXSC_00025.zip** package from
https://softwaresupport.hpe.com/group/softwaresupport/search-result/-/facetsearch/document/KM02392650?lang=en&cc=us&hpappid=202392_SSO_PRO_HPE.
2. Decompress **EXSC_00025.zip**.

Note: Two ITBA 10.10 patch installers are available: one for Redhat and Centos, the other

one for Ubuntu.

3. Upload the corresponding ITBA10.10 patch installer to the ITBA 10.10 server with the user that installed ITBA10.10
4. Decompress the ITBA Patch Installer. In the directory where you decompressed the package, run **./ITBA1010SP1Upgrade.sh**.

Enter **Y** to accept that the patch will overwrite some of the items.

```
HFBA_HOME is /home/hpba/HFBA-340-340-master-redhat-x64
Pass ITBA installer check...
Pass environment variable check!

=====
----- Welcome to The ITBA PATCH Upgrade -----
=====

*Prerequisites*:
(1) ITBA 10.10 must be installed.
(2) Create a directory with the rwx permission to back up the current ITBA.
(3) You need, at least, 6GB free disk space.

Patch will overwrite 0 BO biar files, 17 contexts, 2 entities, 1 pages, 0 KPIs. For complete detail checklist, please check log.
Are you sure you want to continue? (Y/N): y
```

Enter the path where you want to backup ITBA. Save the path for future use. The name of the backup file uses the following pattern: **ITBA1010SP1-BACKUP-<YYYYMMDD>-<HH-MM-SS>.tar.gz**.

```
Start the ITBA1010SP1 Upgrade...

check if the content pack is currently installing or upgrade.....[passed]
check if the ETL is running or not.....[passed]
check if the KPI engine is running.....[passed]
check if the CAP is deactivating or activating.....[passed]

precheck passed, making sure that the modules are not running during the upgrade
Input ***ABSOLUTE*** path to back up the current ITBA: /home/admin/Backup
System type: RedHat
Success: BACKUP directory disk space check passed.
INFO: BACKUP PATH check passed.
```

The Patch installation starts.

```

(1/53) spl_upgrade ... ] (2%) 1ms
(2/53) versionAvailableCheckTask ] (4%) 23ms
(3/53) pgConnectionAvailableCheckTask ] (6%) 561ms
(4/53) baServiceCheckTask ] (8%) 13s
(5/53) dataIntegrityAndPortsCheckTask ] (9%) 109ms
(6/53) dumpPostgres ] (11%) 18s
(7/53) stopHPBAForBackup ] (13%) 68s
(8/53) backupTask ] (15%) 831s
(9/53) deleteDomainTemplate ] (17%) 1s
(10/53) startHPBAAfterBackup ] (19%) 163s
(11/53) appPostgresSQLTask ] (21%) 623ms
(12/53) getVerticaInfoTask ] (23%) 687ms
(13/53) replacePlaceholderTask ] (25%) 245ms
(14/53) verticaSQLTask ] (26%) 149ms
(15/53) markSP1UpgradingInProgressTask ] (28%) 96ms
(16/53) changeDomainTask ] (30%) 28ms
(17/53) CheckConsolidationStatus ] (32%) 918ms
(18/53) GetScheduleJobTask ] (34%) 21ms
(19/53) CheckDataSourceInstance ] (36%) 15ms
(20/53) CheckAllUploadedCapsTask ] (38%) 14ms
(21/53) CheckActivatedCaps ] (40%) 16ms
(22/53) supervisorStop ] (42%) 55s
(23/53) setSupervisorDEBUGModel ] (43%) 30ms
(24/53) deleteGeneratedDirs ] (45%) 137ms
(25/53) upgrading ] (47%) 37s
(26/53) upgradeChangeModeTask ] (49%) 89ms
(27/53) getGlassfishInfoTask ] (51%) 93ms
(28/53) postUpgrade ] (53%) 2ms
(29/53) unsetSupervisorDEBUGModel ] (55%) 14ms
(30/53) supervisorStart ] (57%) 154s
(31/53) undeployAllWars ] (58%) 21s
(32/53) undeployETLToolKit ] (60%) 920ms
(33/53) stopHPBAInUpgrade ] (62%) 6s
(34/53) deleteGeneratedDirsUpgrade ] (64%) 127ms
(35/53) startHPBAInUpgrade ] (66%) 15s
(36/53) deployAllWars ] (68%) 216s
(37/53) deployETLToolKit ] (70%) 4s
(38/53) abortRunningETL ] (72%) 71ms
(39/53) deactivatedInstances ] (74%) 10s
(40/53) redeployContentPack ] (75%) 1773s
(41/53) ActivateDataSourceTask ] (77%) 166s
(42/53) RestoreScheduleJobTask ] (79%) 46ms
(43/53) EnableConsolidationTask ] (81%) 13ms
(44/53) DeactivateCapsTask ] (83%) 25s
(45/53) DelCapsFromWebTask ] (85%) 921ms
(46/53) OutOfTheBoxImportTask ] (87%) 262s
(47/53) ActivateCapsTask ] (89%) 335s
(48/53) markUpgradeFinish ] (91%) 23ms
(49/53) deleteSensitiveInformation ] (92%) 1ms
(50/53) stopHPBA4Upgrade ] (94%) 56s
(51/53) deleteGeneratedDirs4Upgrade ] (96%) 612ms
(52/53) startHPBA4Upgrade ] (98%) 140s
(53/53) caculateCapTask ] (100%) 650s
Upgrade 10.10SP1 completed successfully! The data calculation may be still in progress.
Upgrade 10.10SP1 has taken 84 minutes 6 seconds

```

The patch installation is complete.

Upgrade to BO 4.1 SP7

Tip: This upgrade section is optional as ITBA 10.10 supports both BO 4.1SP2, BO 4.1SP3, and BO 4.1 SP7.

Update Installation on Windows

You must have Administrator privileges on your Windows system to run an update installation.

In order to free resources on the machine on which you are installing this update, it is recommended that you use the Central Management Console (CMC) to stop all of the BI platform servers on the machine before installing the update, with the following exceptions:

- Server Intelligence Agent (SIA)
- Central Management Server (CMS)
- Input and Output File Repository Servers (FRS)
- CMS system database

These services and servers must be running for the installation to proceed.

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To install the BI platform server update on Windows

This procedure is used to install updates to the BI platform servers running on Windows.

1. In the **EXSC_00025.zip** package you have already downloaded, launch the BOE installation by running **setup.exe**.

Note: Two BOE upgrade installers are available: one for Redhat and Centos, the other one for Ubuntu.

2. Choose a language for the installation program to use during the installation process, and click **OK**.

The installation program checks your system to ensure the proper prerequisites are in place.

3. Click **Next**.
4. In the **Welcome** dialog box, click **Next** to proceed.
5. In the **License Agreement** dialog box, review the contents of the End User License Agreement, and click **Next** to proceed if you agree to the terms.

If the update includes server components, the **CMS** dialog box is displayed.

6. Type the Hostname, Port Number, and Administrator Password for your deployment's CMS, and click **Next** to continue.
7. In the **Start Installation** dialog box, click **Next** to begin the installation.

The update will install. When the installation is complete, a completion screen will appear. This screen may contain some additional instructions.

Note: If web applications are updated as part of the update, depending on the options you chose when you originally installed SAP BusinessObjects Enterprise a dialog box may appear with additional instructions for redeploying your .war files.

8. Click **Finish**.

To install client product updates on Windows

Note: Ensure that all BI Suite client products are closed before installing the update. Should you find that any client program fails to start after the update, running the installation program in repair mode should correct the issue.

This procedure is used to install updates for BI Suite client products. This includes the following packages:

- SAP BusinessObjects Business Intelligence platform Client Tools
 - SAP Crystal Reports 2013
 - SAP Crystal Reports for Enterprise
 - SAP BusinessObjects Live Office
 - SAP BusinessObjects Dashboards
1. Launch the installation by running **setup.exe**.
 2. Choose a language for the installation program to use during the installation process, and click **OK**. The installation program will perform a check to ensure the required prerequisites are in place.
 3. Click **Next**.
 4. In the **Welcome** dialog box, click **Next**.
 5. In the **License Agreement** dialog box, review the contents of the End User License Agreement, and click **Next** to proceed if you agree to the terms.

6. In the **Start Installation** dialog box, click **Next** to begin the installation. The **Installation Progress** dialog box appears.

Update installation on UNIX

In order to free resources on the machine on which you are installing this update, it is recommended that you use the Central Management Console (CMC) to stop all of the BI platform servers on the machine before installing the update, with the following exceptions:

- Server Intelligence Agent (SIA)
- Central Management Server (CMS)
- Input and Output File Repository Servers (FRS)
- CMS system database

These services and servers must be running for the installation to proceed.

Note: If you are updating server components, the installation program prompts you for information for your deployment's Central Management Server (CMS). This is required to update content that is stored in the CMS database, such as localized strings for server properties.

To install the BI platform server update on UNIX

1. Launch the installation by running the following command from the update installation source file location: **./setup.sh**
2. Select the language you want the installation program to run in and press **Enter**.
A dialog box appears that shows the installation directory you have specified.
3. Verify the installation directory and press **Enter** to start the installation.
The installation program will check to ensure the required prerequisites are in place.
4. Press **Enter** to continue.
A Welcome screen will be displayed.
5. Press **Enter** to continue.
The license agreement will be displayed.
6. Review the content of the License agreement and press **Enter** to agree and proceed.

If the update includes server components, you will be prompted for your CMS credentials.

7. Enter your CMS credentials and press Enter to start the installation. The progress indicator displays the status of the installation.

A message will appear when the install is complete. This message may also have some additional instructions.

Note: If web applications are modified as part of the update, depending on the options you chose when you originally installed SAP BusinessObjects Enterprise a dialog box may appear with additional instructions for redeploying your .war files.

8. Press **Enter** to complete the installation.

To review details of the installation, you can view the contents of the installation log file located in:
<INSTALLDIR>/InstallData/logs/<DATEandTIME>/.

Uninstallation

To uninstall the patch:

1. During the installation of the patch, a backup file was created in the path that you specified. The name of the backup file uses the following pattern: **ITBA1010SP1-BACKUP-<YYYYMMDD>-<HH-MM-SS>.tar.gz**.
2. Make sure that ITBA 10.10 Patch 0001 is up and running before executing the uninstall process.
3. In the directory where you decompressed the Patch 0001 package, run **./Uninstall.sh**

Enter **Y** to uninstall the patch.

```
[admin@xs10v7 HPBA10.10-Patch1-1015]$ ./Uninstall.sh
HPBA_HOME is /home/admin/HPBA-340-340-master-redhat-x64
Pass uninstall operator check...
Pass environment variable check!

=====
Welcome to ITBA1010SP1 Uninstall
=====

*NOTICE*:
Please confirm the following requirements:
(1) This upgrade uninstall shell is only for ITBA10.10-SP1 uninstall.
(2) This server should have installed ITBA10.10-SP1.
(3) Contact supporter for further solution would be much better than uninstall ITBA10.10-SP1.

Are you sure to continue your uninstall operation? (Y/N): █
```

Enter the backup file absolute path including the file name to restore ITBA 10.10.

```
Start to uninstall ITBA10.10-SP1...

Please input ***ABSOLUTE*** file path and name of your backup file of ITBA 10.10 : /home/admin/backuptest/ITBA1010SP1-BACKUP-20160523-13-08-40.tar.gz█
```

The uninstallation program is running:

```
Postgres is stopping ....Postgres stopped
Apache-Httpd is stopping ...Apache-Httpd stopped
MQBroker is stopping ...MQBroker stopped
Glassfish is stopping .....Glassfish stopped

Status: ITBA stopped.

Successfully remove folders that changed in SP1 installation!
apps/
apps/LogPortal.war
apps/data-consolidation-web.war
apps/xs2go-webapp.war
apps/dimension-level-permission-webapp.war
apps/notification-webapp.war
apps/dw-etl-control-services.war
apps/dcs-web.war
apps/cap-webapp.war
apps/bsf.war
apps/README.md
apps/uim.war
```

The uninstall process was successful:

```
webserver/http/htdocs/static/Movies/47 CSA and CSA Demo CAPs.mp4
webserver/http/htdocs/static/Movies/8 Filter Components.mp4
webserver/http/htdocs/static/Movies/29 Understanding the documentation.mp4
webserver/http/htdocs/static/Movies/6 Add Annotation and Use Action Bar.mp4
webserver/http/htdocs/static/Movies/5 Run the ETL.mp4
webserver/http/htdocs/static/Movies/48 AM and AM Demo CAPs.mp4
webserver/http/htdocs/static/Movies/12 Build a Scorecard Tree and Create a new KPI.mp4
webserver/http/htdocs/static/Movies/13 Create a New Metric.mp4
webserver/http/htdocs/static/Movies/9 Configure a Calculation Rule for an Objective.mp4
webserver/http/htdocs/static/Movies/3 Create New User.mp4
webserver/http/htdocs/static/images/
webserver/http/htdocs/static/images/hpe/
webserver/http/htdocs/static/images/hpe/HPE_logo_option2.png
webserver/http/htdocs/static/images/hpe/XSnewLogo.png
webserver/http/htdocs/static/images/hpe/LoginBG_0.jpg
webserver/http/htdocs/static/images/hpe/HPE_logo_option1.png
webserver/http/htdocs/static/images/hpe/HPE_logo_option0.png
webserver/http/htdocs/index.html
Successfully decompress backup file!

Postgres is stopping ...Postgres stopped
Apache-Httpd is stopping ...Apache-Httpd stopped
MQBroker is stopping ...MQBroker stopped
Glassfish is stopping ...Glassfish stopped

Status: ITBA stopped.

Postgres is starting ....Postgres started
Apache-Httpd is starting ...Apache-Httpd started
MQBroker is starting .....MQBroker started
Vertica connection checking ... Passed
Glassfish is starting .....Glassfish started

Stauts: ITBA is running.

Uninstallation completed successfully!
```

Change Requests

The Patch corrects the following Change Requests:

Change Request (QCCR8B)	Description
25485	KPI calculation - Multiple threads getting created for same context calculation which is causing processor confusion & processing to stop.
25489	Upgrade - The KPI library is not updated after the upgrade.

Change Request (QCCR8B)	Description
25500	MaintenanceTool (8.Update Autopass) - Change the description of this item to "Update Usage Hub Host".
25548	EXPLORER - User Only can select current period but cannot select other periods for the Objective in EXPLORER.
25556	Feedback on ITBA 10.10 Installation Guide.
25579	Engine (KPI calculation) - KPI formulas that include the period condition "NOW" in the formula and multiple/cascaded level breakdowns will cause performance issues.
25581	The Data Set data will be missed when enabling DLP for the breakdown entity.
25583	Improve EXPLORER Overview performance.
25587	Improve Page Filter component performance.
25590	Improve Breakdown View component performance.
25593	Improve Stack Bar View component performance.
25598	KPI result cache is not refreshed after calculation.
25610	Cross-Site Scripting: Reflected.
25613	Poor error handling: unhandled exception.
25662	Dashboard - Breakdown view is refreshing slowly when page filter has historical period parameter.
25668	Explorer - The performance of the search function on the EXPLORER is not good.
25670	Dashboard - The breakdown list loads slowly when user clicks the entity on the dashboard
25711	ITBA wiring lost after page save
25729	When trying to activate the Japanese demo CAP, the calculation process is blocked and cannot be completed.
25745	Dashboard: The breakdown view component does not list the right breakdown value in some cases.
25761	Dashboard - Improve performance for pie chart/bubble chart component.
25762	Dashboard - Cluster bar chart component is hanging.
25804	DCS(extract)-Azure: Cannot connect to Azure data source.
25820	[Postgresql] - Postgresql restore fail.

Change Request (QCCR8B)	Description
25813	Dashboard - Improve the performance when user drills down to breakdown on the dashboard.
25832	SM - DCS error on SM9.41 Oracle.
25855	SM - ASSIGNED_TO_ORG_DURABLE_KEY should link to entity AssignedToOrganization in context SM_IncidentManagement.
25861	DCS (extract) - ALM: The 'release' and 'release-type' do not support paging.
25866	Security - ITBA does not verify whether the user is authorized to access the target object.
25872	Dashboard - Search should not be case sensitive in the Dashboard and EXPLORER.
25873	Patch installation fails if some part of ITBA is running (ex. ETL is running).
25880	<p>Apache Tomcat, which is embedded in SAP BOE, was upgraded from "7.0.32" to "7.0.59", and many vulnerabilities were fixed. For detailed information, see https://tomcat.apache.org/security-7.html</p> <p>Doc-BOE upgrader in SP01: upgrade package provided; add doc to describe the security issue for reference.</p>
25897	(Supervisor) The error message should not be prompted.
25909	Dashboard - Poor performance when selecting metric breakdown on the breakdown view.
25930	DCS (extract) - CMS: DCS fails if the user do not have the right to access the authorized state.
25965	Dashboard - When user selects month to date on the Dashboard, it cannot be saved.
25982	CAC - CAC.log is not saved in the logs folder.
26021	Performance - Dashboard - it take more than 20 seconds to load data in FLN

Enhancements

ITBA 10.10 Patch 0001 enhancements are as follows:

Enhancements
<p>Data Set tab in EXPLORER - Duplicate Records, even with DISTINCT function</p> <p>Solution: display all columns in the table with the ability to store the configuration of the selections</p>

Enhancements

and the order of the columns in the table.

Provide the ability to store the configuration of Column's selection and order in Data Set tab in EXPLORER.

BOE: Upgrade BOE to 4.1SP7 to upgrade BOE Apache Tomcat to version 7.0.40 and higher. For details, see <https://softwaresupport.hp.com/km/KM02120397>.

New Certifications

- SAP® BusinessObjects BI Platform 4.1SP7

Online Documentation

To check for recent updates or to verify that you are using the most recent edition of a document, go to:

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