

UPGRADING TO



BES12

November 13th, 2014

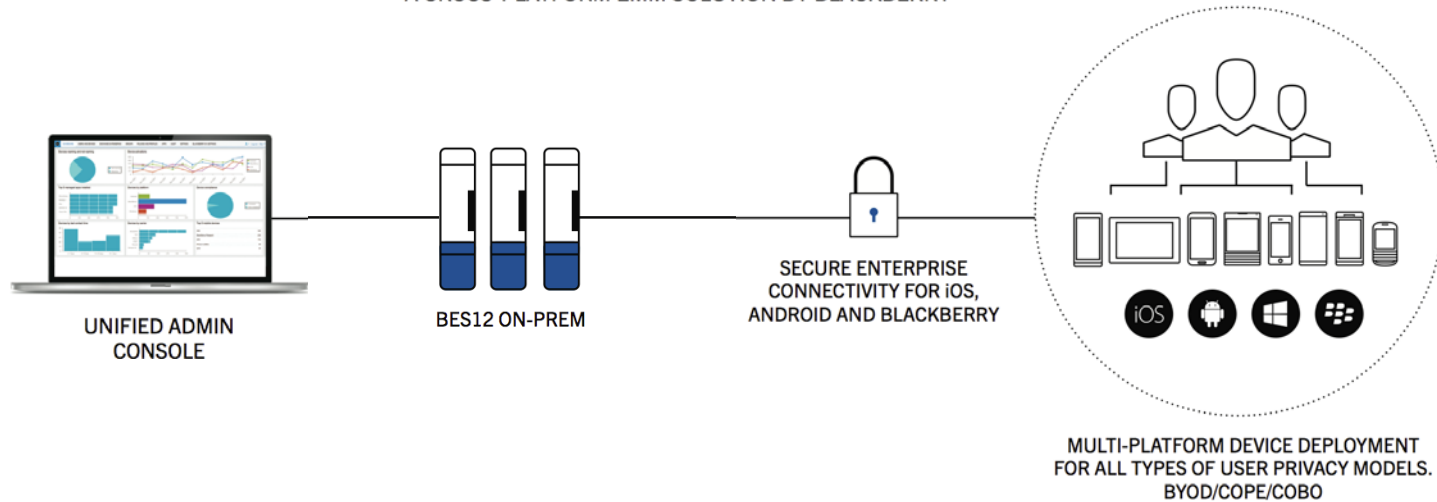


SERIOUS MOBILITY FOR SERIOUS BUSINESS

 **BlackBerry**

INTRODUCING BES12

A CROSS-PLATFORM EMM SOLUTION BY BLACKBERRY



AWARD WINNING TECHNICAL SUPPORT FOR THE END-TO-END SOLUTION



MODERN ARCHITECTURE THAT CAN SCALE TO 150K USERS PER DOMAIN



ECOSYSTEM OF SECURED APPS, CLOUD AND CARRIER VALUE ADDED SERVICES



CORPORATE OWNED DEVICES HARDENED FOR REGULATED INDUSTRIES

SERIOUS MOBILITY FOR SERIOUS BUSINESS



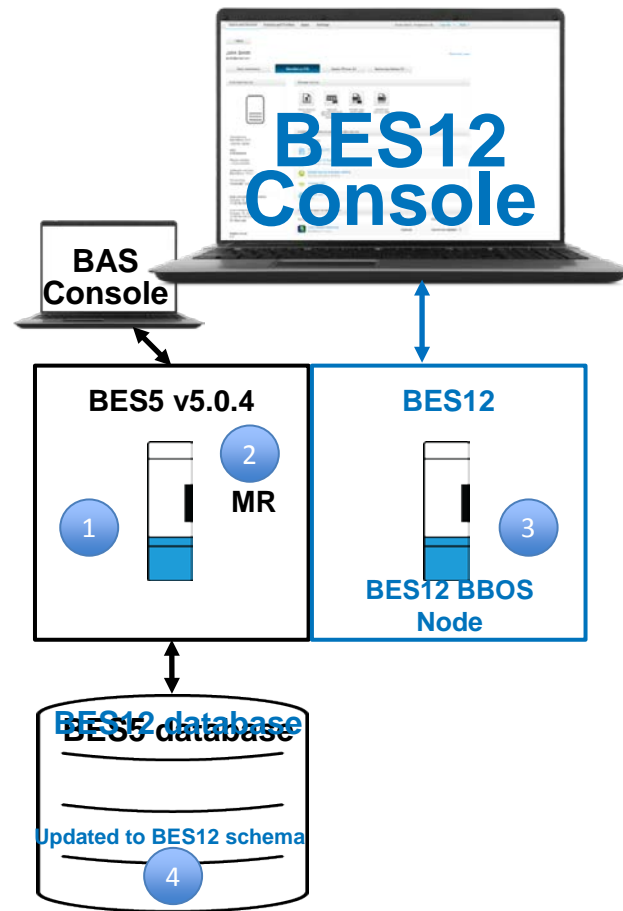
SIMPLE **UPGRADE** & **MIGRATION** FROM BES5 TO BES12



BES5 UPGRADE PATH

EASY UPGRADE FROM BES5 TO BES12

1. Ensure BES5 is at v5.0.4
2. Apply latest BES5.0.4 Maintenance Release (MR) to prepare BES5 for BES12 upgrade
3. Install BES12
4. BES12 installer will automatically upgrade BES5 to BES12 BBOS Node, also upgrading the database schema to present a unified BES12 database
5. Manage all devices from single BES12 admin console (BAS console no longer required, remains operational as admin option)



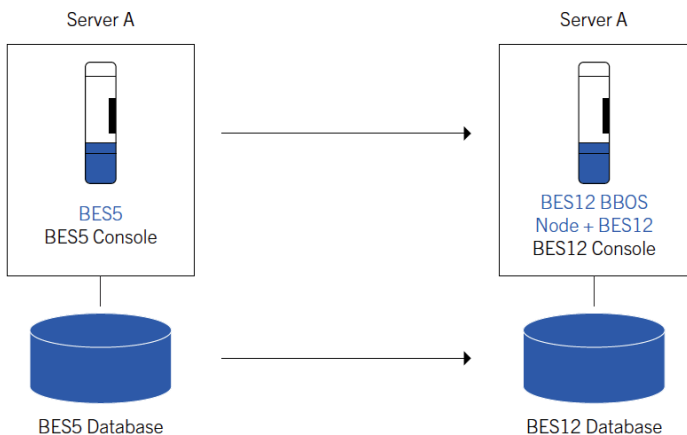
BES12/BBOS SUMMARY

HOW BES12 INTEGRATES WITH BBOS

- BES12 can be a same box upgrade as BES5 or installed on a separate machine
- BES12 will upgrade the existing BES5 database (therefore only a single database is required)
- BES5 components (including BAS) will be updated by BES12 and need to remain running for BBOS devices to continue working
- BES12 Admin UI can be used to fully manage all devices including BBOS – no need to use BAS for BBOS
- Groups, Policies and Roles created in BES5 can be used in BES12
- Users created on BES5, that continue using a BBOS device can simultaneously be assigned other devices such as an iPhone, Android, WP or BB10 device

UPGRADE SCENARIO FOR CUSTOMERS WITH BES5 INSTALLED

BES5 to BES12 Upgrade – Same Server



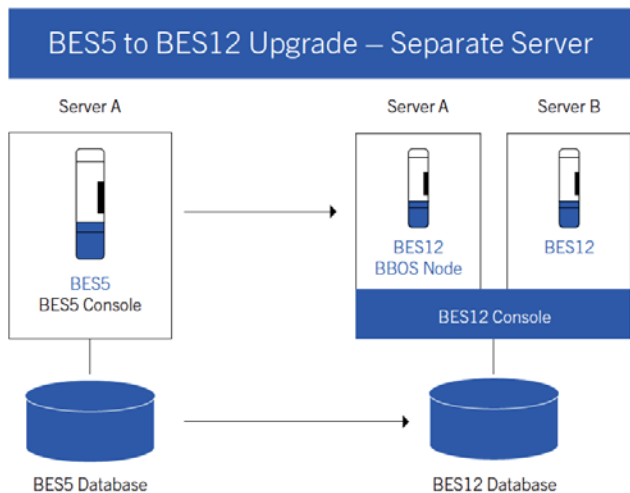
For both, the **upgrade** and **migration** scenarios:

- All BES5 to BES12 scenarios require the latest Maintenance Release (MR) to be installed on BES5.0.4 server
- BES12 Installer will upgrade existing BES5 components to BES12 BBOS Node which is required for BlackBerry OS device management
- Administrators can manage BlackBerry OS, BlackBerry 10, iOS, Android, and Windows Phone 8 devices from the BES12 admin console, including controlling all of the BES12 BBOS Node features for managing BlackBerry OS devices. The BES5 BlackBerry Administration Service (BAS) console also remains fully functional and may be used for BlackBerry OS device management if desired.
- In the 'Same Server' scenarios (single box), the server must meet the minimum BES12 server hardware & software requirements

Scenario 1: BES5 to BES12 Upgrade on Same Server

- Install BES12 on same server as existing BES5
- The BES12 Installer will perform the standard check for Software, Hardware and Database prerequisites
- The BES12 Installer will upgrade BES5 to BES12 BBOS Node and upgrade the BES 5 database to the BES12 schema
- Admins can start adding and managing BlackBerry OS, BlackBerry 10, iOS, Android, and Windows Phone 8 devices from the BES12 admin console

UPGRADE SCENARIO FOR CUSTOMERS WITH BES5 INSTALLED



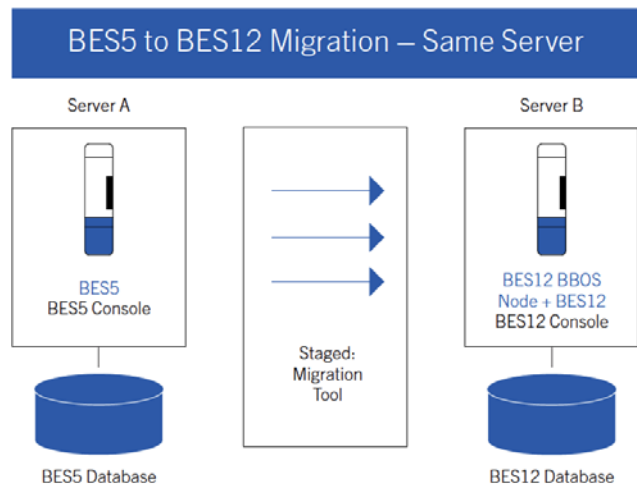
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- In the 'Same Server' scenarios (single box), the server must meet the minimum BES12 server hardware & software requirements

Scenario 2: BES5 to BES12 Upgrade on Separate Servers

- Run BES5 Upgrader on existing BES5 server (Server A). The Upgrader will install the latest MR and upgrade BES5 to BES12 BBOS Node
- Install BES12 on a different server to the existing BES5 server
- The BES12 Installer will perform the standard check for Software, Hardware and Database prerequisites
- The BES12 Installer will upgrade the BES5 database to the BES12 schema
- Admins can begin adding and managing BlackBerry OS, BlackBerry 10, iOS, Android, and Windows Phone 8 devices from the BES12 admin console

MIGRATION SCENARIO FOR CUSTOMERS WITH BES5 INSTALLED



For both, the **upgrade** and **migration** scenarios:

- All BES5 to BES12 scenarios require the latest Maintenance Release (MR) to be installed on BES5.0.4 server
- BES12 Installer will upgrade existing BES5 components to BES12 BBOS Node which is required for BlackBerry OS device management
- Administrators can manage BlackBerry OS, BlackBerry 10, iOS, Android, and Windows Phone 8 devices from the BES12 admin console, including controlling all of the BES12 BBOS Node features for managing BlackBerry OS devices. The BES5 BlackBerry Administration Service (BAS) console also remains fully functional and may be used for BlackBerry OS device management if desired.
- In the 'Same Server' scenarios (single box), the server must meet the minimum BES12 server hardware & software requirements

Scenario 1: BES5 to BES12 Migration on Same Server

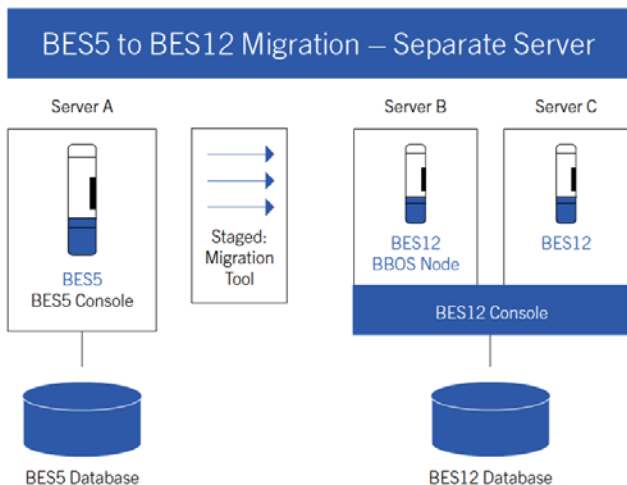
- Run the BES12 Installer on a physical or virtual Server and choose 'BBOS Management' option
- The BES12 installer will perform the standard check for Software, Hardware and Database prerequisites
- The BES12 installer will install BES 12 components as well as the BES 12 BBOS Node
- Use Enterprise Transporter tool to move BlackBerry OS users from old BES5 to the new BES12 BBOS Node in increments
- Once all BlackBerry OS users are migrated, they can all be managed from the new unified BES12 console. Admins can also start adding and managing BlackBerry 10, iOS, Android, and Windows Phone 8 devices from the new BES12 admin console

Note: Refer to speaker notes

MIGRATION SCENARIO FOR CUSTOMERS WITH BES5 INSTALLED

For both, the **upgrade** and **migration** scenarios:

- All BES5 to BES12 scenarios require the latest Maintenance Release (MR) to be installed on BES5.0.4 server
- BES12 Installer will upgrade existing BES5 components to BES12 BBOS Node which is required for BlackBerry OS device management
- Administrators can manage BlackBerry OS, BlackBerry 10, iOS, Android, and Windows Phone 8 devices from the BES12 admin console, including controlling all of the BES12 BBOS Node features for managing BlackBerry OS devices. The BES5 BlackBerry Administration Service (BAS) console also remains fully functional and may be used for BlackBerry OS device management if desired.
- In the 'Same Server' scenarios (single box), the server must meet the minimum BES12 server hardware & software requirements



Scenario 2: BES5 to BES12 Migration on Separate Servers

- Install a new BES12 BBOS Node on a physical or virtual server
- Install a new BES12 Server on a physical or virtual server
- BES12 installer will perform the standard check for Software, Hardware and Database prerequisites and then complete the install
- Install BES12 BBOS Node on Server B
- Install BES12 on Server C, the associated BES12 BBOS Node Database schema is upgraded to BES12 schema
- Use Enterprise Transporter tool to move BlackBerry OS users from old BES5 to the new BES12 BBOS Node in increments
- Once all BlackBerry OS users are migrated, they can all be managed from the new unified BES12 console. Admins can also start adding and managing BB10, iOS Android, and Windows Phone 8 devices from this new admin console

Note: Refer to speaker notes



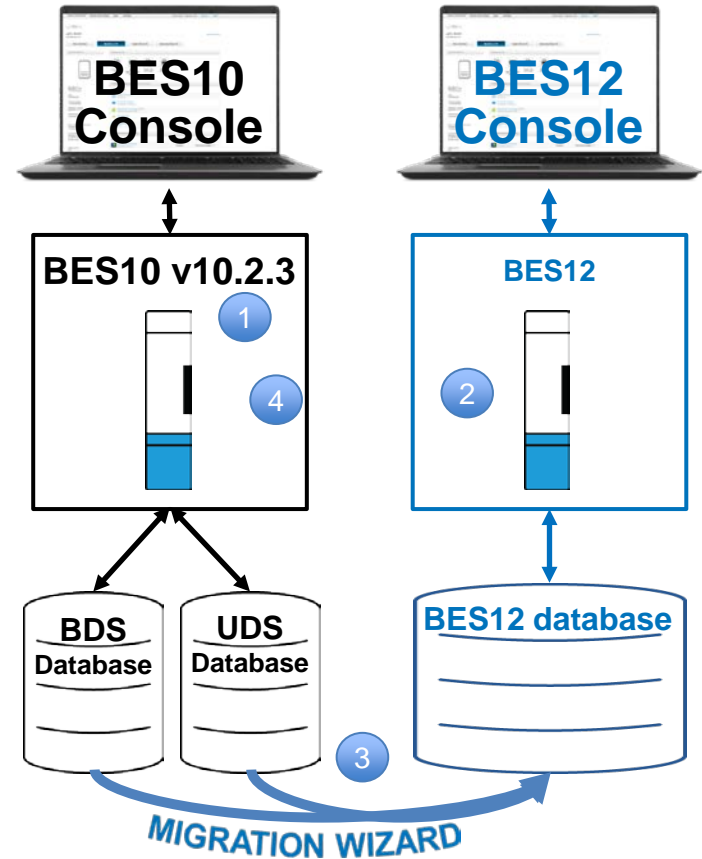
SIMPLE **UPGRADE** & **MIGRATION** FROM BES10 TO BES12



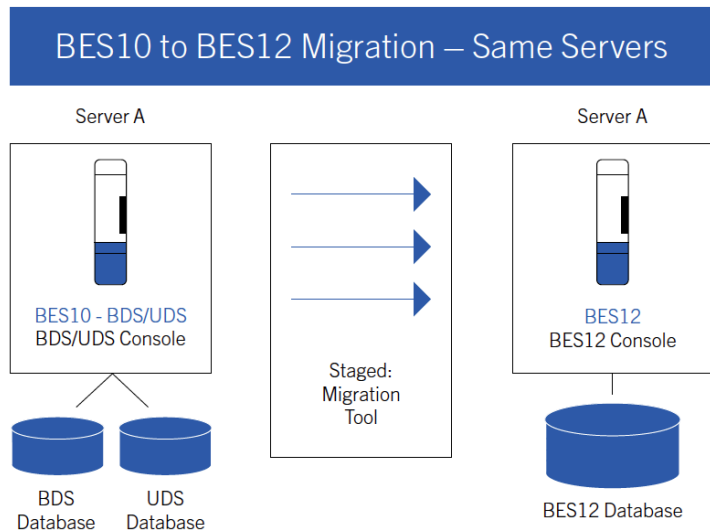
BES10 UPGRADE PATH

SIMPLE MIGRATION FROM BES10 TO BES12

1. Ensure BES10 is at v10.2.3 or higher
2. Install BES12 (on same server as BES10 or separate server)
3. Use Migration Wizard for BDS and UDS
4. Once migration is complete, BES10 can be uninstalled



MIGRATION SCENARIO FOR CUSTOMERS WITH BES10 INSTALLED



Scenario 1: BES10 to BES12 Migration on Same Server

- Install BES12 on the same server as the existing BES10 (BES10 v10.2.3 minimum required)
- The BES12 Installer will perform the standard check for software, hardware and database prerequisites
- During installation a new BES12 database will be created

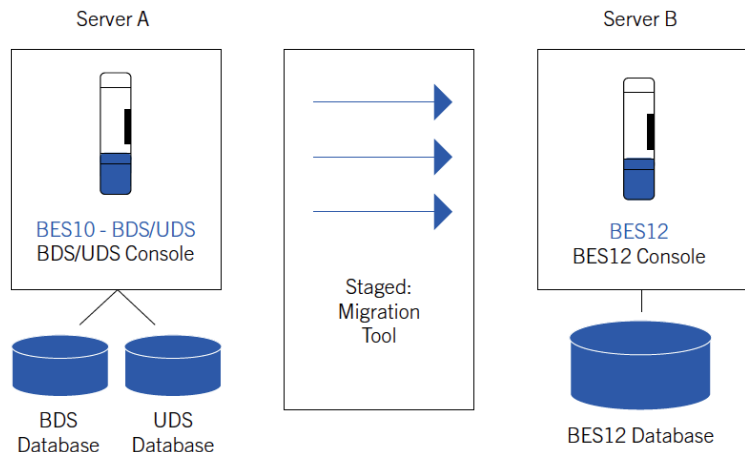
BES10 Migration:

- Within the BES12 Admin console, the administrator is presented with a migration wizard where they can choose what profiles, policies, users, and devices to move in stages from BES10 to BES12. In this scenario as users/devices get migrated they can be managed from BES12 console.
- Once all users /devices have been migrated, BES10 Server can be uninstalled and BDS/UDS Databases deleted or archived.

Once all BES10 users are migrated, they can all be managed from the new unified BES12 admin console. Admins can also start adding and managing BlackBerry 10, iOS, Android, and WP devices from this new admin console

MIGRATION SCENARIO FOR CUSTOMERS WITH BES10 INSTALLED

BES10 to BES12 Migration – Separate Servers



Scenario 2: BES10 to BES12 Migration on Separate Servers

- Install BES12 on a different server than the existing BES10 server
- The BES12 Installer will perform the standard check for software, hardware and database prerequisites
- Installer will complete the BES12 install and create a new BES12 Database

BES10 Migration:

- Within the BES12 Admin console, the administrator is presented with a migration wizard where they can choose what profiles, policies, users, and devices to move in stages from BES10 to BES12. In this scenario as users/devices get migrated they can be managed from BES12 console.
- Once all users /devices have been migrated, BES10 Server can be uninstalled and BDS/UDS Databases deleted or archived.

Once all BDS/UDS users are migrated, they can all be managed from the new unified BES12 admin console. Admins can also start adding and managing BlackBerry 10, iOS, Android, and WP devices from this new admin console

LET'S GET STARTED

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