

PureApplication Changes

- Version 2.1 of the WebSphere Commerce PureApplication patterns introduce the following changes:
 - Added support for deploying on SoftLayer
 - Using PureApp Service on SoftLayer
 - Added support for deploying on own hardware (BYOH)
 - Using PureApp Software
 - Change to use DB2 with BLU Acceleration Pattern instead of DB2 Transactional DB Pattern
 - This is due to the latter being removed from the PureApplication offering:
http://www-01.ibm.com/common/ssi/ShowDoc.wss?docURL=/common/ssi/rep_ca/5/897/ENUS214-485/index.html
 - AIX is removed as a supported deployment target
- Summary of deployed stack:
 - DB2 with BLU Acceleration Pattern 1.2.1
 - WebSphere Application Server Hypervisor Edition 7.0.0.31
 - Red Hat Enterprise Linux 64-bit
 - **Important:** customer must secure licenses for these, as they are not included in the WC license!
- Version 1.1.x of the pattern is no longer available

Licensing limitation for the included DB2 license

- DB2 with BLU Acceleration Pattern 1.2.1 provides DB2 AWSE as a supporting program
- DB2 AWSE (Advanced Workgroup Server Edition) is similar to DB2 ESE or AESE, with an important distinction in the restrictions on processor, memory and database sizes
- Excerpt from the Usage Restrictions part of the license agreement:
 - Prohibited Components
 - Include: Federation, Replication with I, z and 3rd-party databases, Change Data Capture limitations (see link above for details)
 - Usage Restrictions
 - (a) If licensing under the Authorized User Single Install or PVU metric: the Program may use a maximum of 16 processor cores and 128 GB of memory on each physical or virtual server; however, if the Program is used on a cluster of servers configured to work together using either database partitioning or pureScale clustering technology, the Program may use a maximum of 16 processor cores and 128 GB of memory across all virtual or physical servers in that cluster.
 - (b) If licensing under the Terabyte metric, the total number of Sockets made available to the Program in each physical or virtual server cannot exceed 4; however, if the Program is used on a cluster of servers configured to work together using either database partitioning or pureScale clustering technology, the total number of Sockets made available to the Program across all virtual or physical servers in that cluster cannot exceed 4. A Socket is electronic circuitry that accepts a processor chip.
 - (c) Licensee may store a maximum of 15 Terabytes of user data per database managed by the Program.

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- Version 1.1.x of the pattern is no longer available

Version 2.1 of the WebSphere Commerce PureApplication pattern has been released. The main changes are outlined here, which is added support for deploying on SoftLayer or customer's own hardware, a change to the underlying DB2 product and a withdrawal of support for deploying on AIX. Support for deploying on Red Hat Enterprise Linux is still there.

The target stack for the new pattern is also outlined on this slide. As you can see, the pattern will deploy on a stack containing DB2 with BLU Acceleration Pattern 1.2.1 (which is functionally equivalent to DB2 ESE), WebSphere Application Server version 7, fix pack 31, of the Hypervisor Edition, all running on a 64-bit Red Hat Enterprise Linux OS.

It is important to point out that when deploying on own hardware, or SoftLayer, that the client is responsible for acquiring licenses. Licenses for DB2 with BLU or WAS HVE are not included in the base WebSphere Commerce license.

Also, the old versions of the pattern are no longer available.

Licensing limitation for the included DB2 license

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<http://www-03.ibm.com/software/sla/slabdb.nsf/display/9371C60A5C22E54D85257D8F002260A4>

You may notice that the DB2 included in the new pattern is changed. This is done as the previously used DB2 Transactional Pattern, is no longer available. The replacement component, DB2 with BLU Acceleration Pattern 1.2.1 provides DB2 Advanced Workgroup Server Edition (or AWSE) is functionally similar to DB2 ESE or AESE, with one important difference.

The license for DB2 AWSE places restrictions on the number of processors, amount of RAM, and the total size of the database. The relevant section of the license is reproduced here, but we refer to the full license as linked at the bottom of the slide.



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