IBM Business Process Manager V8.5.7 and IBM Business Monitor V8.5.7 deliver new mobile and case management capabilities

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At a glance

IBM® Business Process Manager

IBM Business Process Manager (IBM BPM) V8.5.7 is an update to the comprehensive and consumable IBM BPM platform that provides visibility and management of your business processes. This release includes:

- New responsive and federated Process Portal that includes:
  - New customization and configuration options
  - Ability to launch external activities and Business Process Execution Language (BPEL) tasks
  - Saved Search capability for individual business users and teams
- New responsive stock controls for mobile and desktop UI development that include the ability to transform Dojo-based stock controls into new responsive controls
- New and improved web-based editors in process designer
- Improved Client Side Human Service (CSHS) editor, which includes nested Client Side Human Services, and improved WYSIWYG coach editor with Grid Layout
- New Graphical Theme Editor for simplified coach and Process Portal styling capability
- Case capability as standard in all IBM BPM editions, which includes a converged Business Process Modeling Notation (BPMN) editor for process and case, unified playback, debugger and process inspector, and consistent use of OASIS Content Management Interoperability Services (CMIS)-compatible content repositories for process and case
- Essential operating environment updates to help enable your IT operations to keep your IBM BPM infrastructure current.

IBM Business Monitor

To help increase revenue, lower costs, and improve service, Business Monitor V8.5.7 delivers an update to the comprehensive, operational intelligence capabilities that offer business users and managers visibility into real-time, end-to-end business operations, transactions, and processes. This release includes essential operating environment updates to enable your IT operations to keep your Business Monitor infrastructure current.
Overview

**Business Process Manager V8.5.7**

IBM BPM offers enhanced visibility and management of your business processes. It includes tooling and run time for process design and execution, along with capabilities for monitoring and optimizing work that is executed within the platform. It is specifically designed to enable process owners and business users to engage directly in the improvement of their business processes. Collaboration between business and IT enables superior time to value and improved user productivity as compared to traditional methods of development. IBM BPM is designed to scale with your business and enables you to move from project to program.

- Accelerate your digital transformation by enabling your workforce to conduct business virtually anywhere and at any time.
- Use this new BPM release to liberate your knowledge workers and field staff to participate in business processes outside the office by using their mobile devices.
- Enable your developers to deliver a compelling business user experience by leveraging the new and improved UI tools to rapidly author modern responsive user interfaces.
- Productivity enhancements equip business individuals and teams with the ability to complete their work more efficiently by using the new responsive and federated Process Portal.
- All IBM BPM editions now include the Case capability as standard. It supports structured, goal-based and hybrid process patterns with high performance straight through processes that continue to be supported in BPM Advanced edition.

**Business Monitor V8.5.7**

The monitoring capabilities of Business Monitor, which complement those of IBM BPM, enhance the ability to have visibility into key business transactions that execute in multiple systems across the enterprise. Business Monitor provides customizable dashboards that calculate and display key performance indicators (KPIs) and metrics that are derived from business transactions, processes, business activity data, and business events. Business users can view dashboards through lightweight web interfaces, mobile devices, and corporate portals. They can also drill into specific transaction and process instances.

**Key prerequisites**

IBM BPM V8.5.7 and Business Monitor V8.5.7 require a:

- Workstation with a supported operating system
- Supported database server
- Supported web browser

IBM BPM V8.5.7 and Business Monitor V8.5.7 pattern deployments require IBM PureApplication® System or IBM PureApplication Service.

For details, refer to the Technical Information section.

**Planned availability date**
IBM BPM V8.5.7 and Business Monitor V8.5.7

- March 11, 2016: Electronic delivery
- April 8, 2016: Media delivery

Pattern configurations of IBM BPM V8.5.7 and Business Monitor V8.5.7

- March 18, 2016: Electronic delivery

Description

IBM BPM V8.5.7

IBM BPM V8.5.7 delivers:

- Compelling business user experience
  
  Liberate knowledge workers and enable field staff to participate in business processes by allowing them to perform their work outside the office by using their mobile devices. Improvements to the business user experience is provided by new Process Portal capabilities and enhanced UI tooling to help enable developers to rapidly create compelling business UIs without requiring deep, technical skills.

- Mobile enablement
  
  The Process Portal and stock controls are now fully responsive. Business users can use the new responsive portal with existing business processes from either their desktops or mobile devices with appropriate network access. Process developers can transform existing coaches into responsive UIs automatically within process designer and can create UIs for mobile devices with improved UI tooling.

- Enhanced UI tooling
  
  The CSHS editor is enhanced to simplify the development of user interfaces for both desktop and mobile plus many other improvements, such as the ability to create nested client-side human services. Process developers can create compelling user interfaces by imply using the new Grid Layout and Theme Editor.

  The Grid Layout can be used to define the layout of a coach or coach view without needing horizontal and vertical sections. It is based on a 12-column grid so that it is quick and easy to define a layout where content is perfectly aligned to create a modern user interface. The WYSIWYG editor enables the UI developer to visualize the layout and add content without having to execute the UI to see the end result.

  The new theming capability allows the UI designer to define the corporate look and feel in one place by using a simple Graphical Theme Editor. A theme can be applied to one or more process applications dynamically without having to edit individual coaches, redeploy the process application or migrate process instances. It is possible to create multiple themes with multiple versions, so different themes can be applied to each process application independently.

- Process federation
  
  The Process Portal can now be used with either a single process server or in a federated topology. Federation enables business users to access and execute all their processes, cases, activities, and dashboards from a single user interface without needing to be aware of either the task implementation or origin. Federation allows IT personnel to manage the infrastructure without impacting the business user experience. Federated tasks can originate from multiple process servers that may include different versions of IBM BPM to support isolation and migration scenarios.

  Processes may be isolated for a variety of reasons that include managing platform stability, process scaleability, and separate departmental deployments.
When transitioning to a new version of IBM BPM, federation enables customers to roll out processes on the latest version while they migrate existing processes. Clients may decide to leave some processes running on the older platform indefinitely or remove them once there are no more instances, thus avoiding migration altogether. The unified task list combines human activities from both BPMN and BPEL processes to enable clients with WebSphere Process Server solutions to transition to BPMN while utilizing their existing investments.

- **Improved portal experience**
  The process portal is now responsive so that the UI adapts, according to the available screen size of the user's chosen device. Business users can complete their tasks virtually anywhere, at any time, by using their mobile phone or tablet.

  The portal is now completely coach-based, so it is much easier for developers to make modifications or use it as a baseline to create a custom portal to satisfy the demands of the business. Configuration options are added to enable the portal behavior to be adapted without having to customize the portal. Dashboards can still be used to extend portal behavior.

  New, saved search capabilities are now available for individuals and team leaders to organize tasks for themselves and their teams without having to ask the IT administrator to expose saved searches to the entire organization. Users can find tasks that match a combination of business and process data and save the search for later use. Team leaders can define role-based, saved searches so that they are only exposed to specific teams.

  Business users who need to access other systems to complete a task can now launch external activities directly from the process portal without logging into the other systems and navigate to the required user interface.

- **Case, as standard**
  All case, structured and hybrid process standards patterns are now supported in Process Designer as standard. Authors do not need to decide whether to build either a Case or Business Process definition because these are now converged into a single, BPMN process model. This provides the best of both worlds in a single tool. A new, web-based editor enables developers to model, validate, and playback their cases. Knowledge workers can now monitor, measure, and report on case metrics. Any CMIS-compatible content repository can now be used to manage the client's documents for all cases and business processes consistently.

- **Operating environment**
  This release includes essential operating environment updates to enable the clients' IT operations to keep their IBM BPM infrastructure current.

**Business Monitor V8.5.7**

This release includes essential operating environment updates to enable the clients' IT operations to keep their Business Monitor infrastructure current.

For Business Monitor V8.5.6 capabilities that have been previously delivered, refer to Software Announcement 215-016, dated February 17, 2015.

**Programs that are packaged with IBM BPM V8.5.7 and Business Monitor V8.5.7**

IBM BPM V8.5.7 and Business Monitor V8.5.7 include and run on WebSphere Application Server Network Deployment V8.5.5. WebSphere Application Server Network Deployment V8.5.5 provides near-continuous availability, advanced management, and automated performance optimization for its applications. IBM BPM inherits these capabilities and provides a high availability and highly scalable environment for your process applications.

IBM BPM V8.5.7 and Business Monitor V8.5.7 also include DB2 Workgroup Server Edition. DB2 Workgroup Server Edition offers increased data protection capabilities,
scalability, and performance for all its database-intensive operations, which, based on DB2 technology, are designed to manage data more effectively and efficiently. Greater availability is delivered through enhancements, such as online, automated database reorganization. In addition, the increased scalability and the ability to take advantage of the latest in server technology helps deliver increased performance of backup and recovery processes.

Reference information

For additional information on IBM BPM V8.5.6 and Business Monitor V8.5.6, refer to Software Announcement 215-016, dated February 17, 2015.

For additional information on IBM BPM V8.5.5, refer to Software Announcements 214-393, dated December 9, 2014, and 214-141, dated April 25, 2014.


For additional information on Cognos Business Intelligence V10.2.2, refer to Software Announcement 214-422, dated October 7, 2014.

Availability of national languages

### IBM BPM V8.5.7

<table>
<thead>
<tr>
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<th>Language</th>
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<td>Chinese Simplified, Chinese Traditional, Czech, US English, French, German, Hungarian, Italian, Japanese, Korean, Polish, Portuguese-Brazilian, Romanian, Russian, Spanish</td>
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<td>IBM Business Process Manager Multilingual V8.5.7 - Pattern Configuration (electronic download)</td>
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On March 11, 2016, refer to IBM Knowledge Center for a complete set of languages for IBM BPM V8.5.7.

### Business Monitor V8.5.7

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<td>download)</td>
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<td>, Portuguese-Brazilian, Romanian, Russian, Spanish, Swedish, Turkish</td>
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<td></td>
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<td>Brazilian, Romanian, Russian, Spanish, Swedish, Turkish</td>
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On March 11, 2016, refer to [IBM Knowledge Center](https://www.ibm.com) for a complete set of languages for Business Monitor.

**Program number**

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<td>8.5.7</td>
<td>IBM Business Process Manager Advanced</td>
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<td>8.5.7</td>
<td>IBM Business Process Manager Standard</td>
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<td>5725-C97</td>
<td>8.5.7</td>
<td>IBM Business Process Manager Tools and Add-ons</td>
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<tr>
<td>5724-M24</td>
<td>8.5.7</td>
<td>IBM Business Monitor</td>
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**Education support**

Education is a key component to ensuring software success. IBM creates a comprehensive portfolio of education material to help clients successfully deploy IBM software products to their maximum potential. The IBM education team is committed to providing the highest quality education content available to help your organization prosper in today’s competitive marketplace.

The IBM education team works closely with IBM product developers and IBM services organizations to ensure that the courses we offer provide the most current technical and product information. Our courses place an emphasis on the advanced knowledge and insight that only these sources can provide. We draw from a deep pool of IBM technical experience in the development of our courses, and pass that knowledge on to our students. Our courses emphasize hands on labs to develop comprehensive skills in using the product to solve business problems. The education offerings from IBM Training span the spectrum of skill needs, from introductory product overviews to advanced programming and product administration courses.

The delivery of IBM education is provided by IBM Global Training Partners.

For more information about available education offerings, refer to the [IBM Training website](https://www.ibm.com/training).
Offering Information

Product information is available on the IBM Offering Information website.

More information is also available on the Passport Advantage® and Passport Advantage Express website.

Publications

Documentation for IBM BPM and Business Monitor will be available on March 11, 2016, and can be viewed from a web browser with Internet access or be downloaded from the IBM BPM Library or Business Monitor page, respectively.

Documentation will also be available on March 11, 2016, on IBM BPM Knowledge Center and Business Monitor Knowledge Center.

Portions of the documentation for IBM BPM and Business Monitor may be translated and available within 30 days of product availability.

Services

Software Services

IBM Software Services has the breadth, depth, and reach to manage your services needs. You can leverage the deep technical skills of our lab-based, software services team and the business consulting, project management, and infrastructure expertise of our IBM Global Services team. Also, we extend our IBM Software Services reach through IBM Business Partners to provide an extensive portfolio of capabilities. Together, we provide the global reach, intellectual capital, industry insight, and technology leadership to support a wide range of critical business needs.

To learn more about IBM Software Services or to contact a Software Services sales specialist, go to the IBM Software Services website.

Technical information

Specified operating environment

Hardware requirements

IBM BPM V8.5.7

For details, refer to the Software requirements section.

Business Monitor V8.5.7

For details, refer to the Software requirements section.

Software requirements

IBM BPM V8.5.7

IBM BPM Advanced and Standard

Listed below are the operating systems, databases, and browsers supported by IBM BPM Advanced and Standard. Refer to the IBM Support Portal for the currently supported product levels, more details, and fix packs for IBM BPM Advanced and the IBM Support Portal for the currently supported product levels, more details, and fix packs for IBM BPM Standard.
- Operating systems for IBM Process Server and IBM Process Center
  - AIX®
  - SUSE Linux™ Enterprise Server (SLES)
  - RedHat Enterprise Linux (RHEL)
  - Ubuntu server
  - Microsoft™ Windows™
- Database servers
  - IBM DB2
  - Oracle
  - Microsoft SQL Server
- Browsers (server and desktop)
  - Microsoft Internet Explorer
  - Mozilla Firefox
  - Google Chrome
  - Apple Safari
- Browsers (mobile)
  - Apple Safari
  - Google Chrome
  - Good Access Secure Mobile

**IBM BPM pattern configuration**

The pattern configuration for IBM BPM Advanced requires:

- PureApplication System running IBM PureApplication Software
- PureApplication Service running PureApplication Software

Refer to the IBM Support Portal for currently supported product levels, more details, and fix packs for the pattern configuration of IBM BPM Advanced.

**IBM BPM Express**

Listed below are the operating systems, databases, and browsers supported by IBM BPM Express. Refer to the IBM Support Portal for the currently supported product levels, more details, and fix packs for IBM BPM Express.

- Operating systems for IBM Process Server and IBM Process Center
  - SLES
  - RHEL
  - Ubuntu server
  - Windows
- Database servers
  - DB2
  - Oracle
  - Microsoft SQL Server
- Browsers (server and desktop)
  - Internet Explorer
  - Mozilla Firefox
  - Google Chrome
  - Apple Safari
- Browsers (mobile)
IBM Process Designer

Listed below are the operating systems, databases, and browsers supported by IBM Process Designer. Refer to the IBM Support Portal for the currently supported product levels, more details, and fix packs for IBM Process Designer.

- Operating systems
  - Windows
- Browsers
  - Internet Explorer
  - Mozilla Firefox
  - Google Chrome

IBM Integration Designer

Listed below are the operating systems, databases, and browsers supported by IBM Integration Designer. Refer to the IBM Support Portal for the currently supported product levels, more details, and fix packs for IBM Integration Designer.

- Operating systems
  - SLES
  - RHEL
  - Windows
- Database servers
  - DB2
- Browsers
  - Internet Explorer
  - Mozilla Firefox
  - Google Chrome

Business Monitor V8.5.7

Listed below are the operating systems, databases, and browsers supported by Business Monitor. Refer to the IBM Support Portal for the currently supported product levels, more details, and fix packs for Business Monitor.

- Operating systems
  - AIX
  - SLES
  - RHEL
  - Ubuntu server
  - Windows
- Database servers
  - DB2
  - Oracle
  - Microsoft SQL
- Browsers
  - Internet Explorer
Business Monitor pattern configuration

The pattern configuration for Business Monitor requires:

- PureApplication System running IBM PureApplication Software
- PureApplication Service running PureApplication Software

Refer to the IBM Support Portal for currently supported product levels, more details, and fix packs for the pattern configuration of IBM BPM Advanced.

The program's specifications and specified operating environment information may be found in documentation accompanying the program, if available, such as a readme file, or other information published by IBM, such as an announcement letter. Documentation and other program content may be supplied only in the English language.

Companion products

For IBM products that are enabled for event monitoring, refer to Software Announcement 214-141, dated April 25, 2014.

Planning information

Packaging

IBM BPM is distributed via electronic download and a set of physical media packs consisting of multiple DVDs and CD-ROMs. The IBM BPM pattern is available as a downloadable eAssembly file that can be directly uploaded onto one of the supported pattern environments.

Business Monitor is distributed via electronic download and a single physical media pack consisting of multiple DVDs and CD-ROMs. The Business Monitor pattern is available as a downloadable eAssembly file that can be directly uploaded onto one of the supported pattern environments.

Refer to the IBM Download Director website for more information.

Direct customer support

Direct customer support is provided by IBM Operational Support Services - SoftwareXcel. This fee service enhances your productivity by providing voice and electronic access into the IBM support organization. IBM Operational Support Services - SoftwareXcel helps answer questions pertaining to usage and suspected software defects for eligible products.

Installation and technical support is provided by Global Services. For more information call 800-IBM-4YOU (426-4968).

For technical support or assistance, contact your IBM representative, IBM Business Partner, or go to the IBM Support Portal website.

Security, auditability, and control

IBM BPM and Business Monitor use the security and auditability features of the host hardware or software.
The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communication facilities.

### Ordering information

This product is only available through Passport Advantage. It is not available as shrinkwrap.

These products may only be sold directly by IBM or by authorized IBM Business Partners for Software Value Plus.

More information can be found on the [IBM Software Value Plus](https://www.ibm.com/software/value-plus) website.

To locate IBM Business Partners for Software Value Plus in your geography for a specific Software Value Plus portfolio, go to the [Find a Business Partner](https://www.ibm.com/cloud/software-value-plus/find-a-business-partner) page.

**Product Group:** Application Integration Middleware

**Product Category:** Application Connectivity

**Product:** IBM BPM V8.5.7

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<td>IBM BPM Tools and Add-ons Advanced</td>
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**Product:** Business Monitor V8.5.7

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<td>Business Monitor</td>
<td>5724-M24</td>
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**Passport Advantage**

IBM BPM V8.5.7 and Business Monitor V8.5.7 ordering information for license and software subscription and support remains unchanged. Refer to Software Announcement [214-141](https://www.ibm.com/software/value-plus/), dated April 25, 2014.

**Passport Advantage trade-up**

IBM BPM V8.5.7 and Business Monitor V8.5.7 ordering information for trade-up parts remains unchanged. Refer to Software Announcement [214-141](https://www.ibm.com/software/value-plus/), dated April 25, 2014.

You must have previously acquired a license for the following precursor products to be eligible to acquire an equivalent license of the trade-up product.

Customers must have current active Software Subscription and Support in place for all of the licenses that will be given up by the use of the trade-up parts. Those customers with lapsed support need to reinstate their S&S contracts to be eligible for trade-ups.

Consult your IBM representative if you have any questions.

**Passport Advantage customer: Media pack entitlement details**

Customers with active maintenance or subscription for the products listed are entitled to receive the corresponding media pack.

**IBM Business Process Manager V8.5.7**

<table>
<thead>
<tr>
<th>Media packs description</th>
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IBM BPM Standard V8.5.7 ML MPK | BA1A5ML
IBM BPM Express V8.5.7 ML MPK | BA1A6ML
IBM Integration Designer V8.5.7 ML MPK | BA1A7ML

**IBM Business Monitor V8.5.7**

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**Cross-platform product for use on z Systems™ Integrated Facility for Linux (IFL) engines**

IBM BPM V8.5.7 and Business Monitor V8.5.7 ordering information for cross-platform product use on z Systems IFL engines remains unchanged. Refer to Software Announcement 214-141, dated April 25, 2014.

**Cross-platform product for use on z Systems**

IBM BPM V8.5.7 and Business Monitor V8.5.7 ordering information for cross-platform product for use on z Systems remains unchanged. Refer to Software Announcement 214-141, dated April 25, 2014.

**Charge metric**

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<td>Business Monitor</td>
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<td>Application Instance</td>
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</table>

**Authorized User**

Authorized User is a unit of measure by which the program can be licensed. An Authorized User is a unique person who is given access to the program. The program may be installed on any number of computers or servers and each Authorized User may have simultaneous access to any number of instances of the program at one time. Licensee must obtain separate, dedicated entitlements for each Authorized User given access to the program in any manner directly or indirectly (for example, through a multiplexing program, device, or application server) through any means. An entitlement for an Authorized User is unique to that Authorized User and may not be shared, nor may it be reassigned other than for the permanent transfer of the Authorized User entitlement to another person.

**Note:** Some programs may be licensed where devices are considered users. In that case, the following applies. Any computing device that requests the execution of or receives for execution a set of commands, procedures, or applications from the program or that is otherwise managed by the program is considered a separate user of the program and requires an entitlement as if that device were a person.

**Processor Value Unit (PVU)**

PVU is a unit of measure by which the program can be licensed. The number of PVU entitlements required is based on the processor technology (defined within the PVU table by processor value, brand, type, and model number at the website below) and the number of processors made available to the program. IBM continues to define a processor, for the purpose of PVU-based licensing, to be each processor core on a chip (socket). A dual-core processor chip, for example, has two processor cores. The PVU table can be found on the PVU licensing for Distributed Software page. Licensee
can deploy the program using either full capacity licensing or virtualization capacity (sub-capacity) licensing according to the Passport Advantage Sub-Capacity Licensing Terms found on the Virtualization Capacity License Counting Rules page. If using full capacity licensing, licensee must obtain PVU entitilements sufficient to cover all activated processor cores* in the physical hardware environment made available to or managed by the program, except for those servers from which the program has been permanently removed. If using virtualization capacity licensing, licensee must obtain entitlements sufficient to cover all activated processor cores made available to or managed by the program, as defined according to the Virtualization Capacity License Counting Rules that can be found on the Virtualization Capacity License Counting Rules page.

* An activated processor core is a processor core that is available for use in a physical or virtual server, regardless of whether the capacity of the processor core can be or is limited through virtualization technologies, operating system commands, BIOS settings, or similar restrictions.

Notes

- Some programs may require licenses for the program and what is being managed. In that case, the following applies. In addition to the entitlements required for the program directly, licensee must obtain PVU entitlements for this program sufficient to cover the processor cores managed by the program.
- Some programs may be licensed on a managed basis only. In that case, the following applies. Instead of the entitlements required for the program directly, licensee must obtain PVU entitlements for this program sufficient to cover the processor cores managed by the program.
- A few programs on an exception basis may be licensed on a referenced basis. In that case, the following applies. Rather than obtaining entitlements for the activated processor cores available to the program, licensee must obtain PVU entitlements for this program sufficient to cover the environment made available to the referenced program as if the program itself were executing everywhere the referenced program was executing, independent of the basis on which the referenced program is licensed.

Application Instance

Application Instance is a unit of measure by which the Program can be licensed. An entitlement is required for each instance of an application connected to or managed by the Program. An application in a test, development, staging, or production environment is each considered to be a separate instance of the application and each must have an entitlement. As well, multiple application instances in a single environment are each considered to be separate instances of the application and each must have an entitlement.

Terms and conditions

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**Corrections**

(Corrected on February 22, 2016)
The Title, Overview, and Description sections are revised.