

PLEASE READ THIS AGREEMENT CAREFULLY BEFORE PURCHASING AND/OR USING SOFTWARE OR SERVICES FROM RED HAT. BY USING RED HAT SOFTWARE OR SERVICES, CLIENT SIGNIFIES ITS ASSENT TO AND ACCEPTANCE OF THIS AGREEMENT AND ACKNOWLEDGES IT HAS READ AND UNDERSTANDS THIS AGREEMENT. AN INDIVIDUAL ACTING ON BEHALF OF AN ENTITY REPRESENTS THAT HE OR SHE HAS THE AUTHORITY TO ENTER INTO THIS AGREEMENT ON BEHALF OF THAT ENTITY. IF CLIENT DOES NOT ACCEPT THE TERMS OF THIS AGREEMENT, THEN IT MUST NOT USE RED HAT SOFTWARE OR SERVICES. This Agreement incorporates those appendices at the end of this Agreement.

This Red Hat Enterprise Agreement, including all referenced appendices and documents located at URLs (the "Agreement"), is between Red Hat Asia Pacific Pte Ltd ("Red Hat") and the purchaser or user of Red Hat software and services who accepts the terms of this Agreement ("Client"). The effective date of this Agreement ("Effective Date") is the earlier of the date that Client signs or accepts this Agreement or the date that Client uses Red Hat's software or services.

1. Scope of Agreement

- 1.1 Framework.** This Agreement establishes a framework that will enable Red Hat to provide Software and Services to Client. "Software" means Red Hat Enterprise Linux, JBoss Enterprise Middleware and other software programs branded by Red Hat, its Affiliates and/or third parties including all modifications, additions or further enhancements delivered by Red Hat. The specific services (the "Services") and/or Software that Red Hat will provide to Client will be described in an Order Form, signed by the parties or otherwise accepted by Red Hat, which may consist of (a) one or more mutually agreed order forms, statements of work, work orders or similar transaction documents, or (b) an order placed by Client through Red Hat's online store accessible from a Red Hat website. The parties agree that the terms of this Agreement will govern all purchases and use by Client of Software and Services unless otherwise agreed by the parties in writing.
- 1.2 Affiliates.** Red Hat and Client agree that Affiliates of Client may acquire Software and Services from Red Hat or its Affiliates by entering an Order Form with Red Hat (or a Red Hat Affiliate) that incorporates the terms and conditions of this Agreement. The parties acknowledge that adjustments to the terms of this Agreement may be made in a particular Order Form (for example, to address disparate tax and/or legal regimes in other geographic regions). "Affiliate" means an entity that owns or controls, is owned or controlled by, or is under common control or ownership with a party, where "control" is the possession, direct or indirect, of the power to direct or cause the direction of the management and policies of an entity, whether through ownership of voting securities, by contract or otherwise.
- 1.3 Business Partners.** Red Hat has entered into agreements with other organizations ("Business Partners") to promote, market and support certain Software and Services. When Client purchases Software and Services through a Business Partner, Red Hat confirms that it is responsible for providing the Software and Services to Client under the terms of this Agreement. Red Hat is not responsible for (a) the actions of Business Partners, (b) any additional obligations Business Partners have to Client, or (c) any products or services that Business Partners supply to Client under any separate agreements between a Business Partner and Client.

2. Obligations of the Parties

- 2.1 On-Site Obligations.** If Red Hat personnel are working on Client's premises (a) Client will provide a safe and secure working environment for Red Hat personnel, and (b) Red Hat will comply with all reasonable workplace safety and security standards and policies, applicable to Client's employees, of which Red Hat is notified in writing by Client in advance.
- 2.2 Changes to Work and Delays.** Changes to the Services will be made only through a written change order signed by both parties. In the event that (a) Client fails to timely fulfill its obligations under an Order Form, and this failure adversely impacts the provision of Services, or (b) events outside of either party's reasonable control cause a delay in or otherwise affect Red Hat's ability to perform its obligations under an Order Form, Red Hat will be entitled to appropriate relief, including adjusting the timing of its delivery of applicable Services.
- 2.3 Assistance.** Client may provide Red Hat access to Client information, systems, and software ("Client Information"), and resources such as workspace, network access, and telephone connections as reasonably required by Red Hat in order to provide the Services. Client understands and agrees that (a) the completeness, accuracy of, and extent of access to, any Client Information provided to Red Hat may affect Red Hat's ability to provide Services, and (b) if reasonable access to Client Information is not provided, Red Hat will be relieved from providing any Services dependent upon such access. Client will obtain any third party consents necessary to grant Red Hat access to the Client Information that is subject to the proprietary rights of, or controlled by, any third party, or which is subject to any other form of restriction upon disclosure.

3. Payment

- 3.1 Fees and Expenses.** Fees for the Services (the "Fees") will be identified in an Order Form and are (a) due upon Red Hat's acceptance of an Order Form or, for renewal of Services, at the start of the renewal term, and (b) payable in accordance with Section 3.2. Fees are stated in Singapore Dollars, must be paid in Singapore Dollars, and, unless otherwise specified in writing, do not include out-of-pocket expenses or shipping costs. Client will reimburse Red Hat for all reasonable expenses Red Hat incurs in connection with the performance of Services. Client agrees to pay Red Hat the applicable Fees for each Unit. "Unit" is the measurement of Software or Service usage defined in the applicable Order Form. Any renewal of Subscription Services will be at the same price per Unit listed in the applicable Order Form. "Subscription Services" mean fee-bearing subscriptions for a defined period of time for a certain scope of Services.

3.2 Invoices

- 3.2.1** If Client desires credit terms with respect to the payment of Fees, Client will reasonably cooperate with Red Hat in establishing and periodically re-confirming Client's credit-worthiness. If credit terms are provided to Client, Red Hat will invoice Client for the Fees upon Red Hat's acceptance of the applicable Order Form and upon acceptance of any future order. Unless otherwise specified in an Order Form and subject to Red Hat's approval of credit terms, Client will pay Fees and expenses, if any, no later than thirty (30) days from the date of each invoice; provided, however, that Fees for professional services, training, training credits and other service credits are due prior to delivery. Except as otherwise provided in this Agreement, any and all payments made by Client pursuant to this Agreement are non-refundable. Red Hat reserves the right to suspend or cancel performance of all or part of the Services and/or change its credit terms if actual payment has not been received within thirty (30) days of the invoice date.
- 3.2.2** If Client is paying by credit card, Client (a) authorizes Red Hat to charge Client's credit card for the Services and for the amount due at the time of renewal of Subscription Services, and (b) agrees to provide updated credit card information to Red Hat for renewal purposes.
- 3.3 Taxes.** All Fees are exclusive of Taxes. Client will pay Red Hat an amount equal to any Taxes arising from or relating to this Agreement or an applicable Order Form which are paid by or are payable by Red Hat. "Taxes" means any form of sales, goods and services, use, value added or other form of taxation and any fines, penalties, surcharges or interest, but excluding any taxes based solely on the net income of Red Hat. If Client is required to withhold or deduct any portion of the payments due to Red Hat, Client will increase the sum payable to Red Hat by the amount necessary so that Red Hat receives an amount equal to the sum it would have received had Client made no withholdings or deductions.

4. License and Ownership

- 4.1 Software.** Each type of Software is governed by a license grant or an end user license agreement, which license terms are contained or referenced in the appendices to this Agreement or the applicable Order Form.
- 4.2 Freedom to Use Ideas.** Subject to Section 9 and Client's rights in Client Information and notwithstanding anything to the contrary contained in this Agreement or an Order Form, the ideas, methods, concepts, know-how, structures, techniques, inventions, developments, processes, discoveries, improvements and other information and materials developed in and during the course of any Order Form may be used by Red Hat, without an obligation to account, in any way Red Hat deems appropriate, including by or for itself or its clients or customers.
- 4.3 Marks.** Unless expressly stated in an Order Form, no right or license, express or implied, is granted in this Agreement for the use of any Red Hat, Red Hat Affiliate, Client or third party trade names, service marks or trademarks, including, without limitation, the distribution of the Software utilizing any Red Hat or Red Hat Affiliate trademarks.

5. Reporting and Inspection

- 5.1 Reporting.** Client will notify Red Hat (or the Business Partner from whom Client purchased Software or Services) promptly if the actual number of Units of Software or Services utilized by Client exceeds the number of Units for which Client has paid the applicable Fees. In its notice, Client will include the number of additional Units and the date(s) on which such Units were first utilized. Red Hat (or the Business Partner) will invoice Client for the applicable Services for such Units and Client will pay for such Services no later than thirty (30) days from the date of the invoice.
- 5.2 Inspection.** During the term of this Agreement and for one (1) year thereafter, Red Hat or its designated agent may inspect Client's facilities and records to verify Client's compliance with this Agreement. Any such inspection will take place only during Client's normal business hours and upon no less than ten (10) days prior written notice from Red Hat. Red Hat will give Client written notice of any non-compliance, including the number of underreported Units of Software or Services, and Client will have fifteen (15) days from the date of this notice to make payment to Red Hat for the applicable Services provided with respect to the underreported Units. If Client underreports the number of Units utilized by more than five percent (5%) of the number of Units for which Client paid, Client will also pay Red Hat for the cost of such inspection.

6. Term and Termination

- 6.1 Term and Termination of Agreement.** The term of this Agreement will begin on the Effective Date and will terminate at the expiration of ninety (90) days following written notice of termination given by one party to the other. Termination of this Agreement will not operate to terminate any Order Form and the terms and conditions of this Agreement will continue in full force and effect to the extent necessary to give effect to any Order Form in effect at the time of termination of this Agreement and until such time as the applicable Order Form expires or is terminated in accordance with Section 6.2 below.

6.2 Term and Termination of Order Form

- 6.2.1** The term of an Order Form begins on the date the Order Form is executed ("Order Form Effective Date") and continues for the term stated in the Order Form. Thereafter, the term for Subscription Services will automatically renew for successive terms of one (1) year each, unless either party gives written notice to the other of its intention not to renew at least sixty (60) days before the commencement of the next renewal term. Client must use any other Services set forth in an Order Form during the term specified in the Order Form or within one (1) year of the Order Form Effective Date, whichever is shorter; if unused, such Services will be forfeited.

6.2.2 If Client or Red Hat materially breaches the terms of an Order Form, and such breach is not cured within thirty (30) days after written notice of the breach is given to the breaching party, then the other party may, by giving written notice of termination to the breaching party, terminate the applicable Order Form and/or this Agreement; provided, however, that no cure period will be required for a breach of Section 9 of this Agreement. The termination of an individual Order Form will not terminate any other Order Form or this Agreement unless otherwise specified in the written notice of termination. Without prejudice to any other right or remedy of Red Hat, in the event either party terminates an Order Form, Client will pay Red Hat (or the Business Partner from whom Client purchased such Software or Services) for all Services provided up to the effective date of termination.

6.3 Survival. If this Agreement or an Order Form is terminated for any reason, Sections 3, 4, 5.2, 6.3, 7, 8, 9, 10.2, 12, 13.1, and 13.5-13.14 of this Agreement (as the same are incorporated into each Order Form) will survive such termination.

7. Continuing Business

Nothing in this Agreement will preclude or limit Red Hat from providing software, materials, or services for itself or other clients, irrespective of the possible similarity of such software, materials or services to those that might be delivered to Client. The terms of confidentiality in Section 9 will not prohibit or restrict either party's right to develop, use or market products or services similar to or competitive with the other party; provided, however, that neither party is relieved of its obligations under this Agreement.

8. Limitation of Liability and Disclaimer of Damages

8.1 Limitation of Liability. FOR ALL EVENTS AND CIRCUMSTANCES, RED HAT AND ITS AFFILIATES' AGGREGATE AND CUMULATIVE LIABILITY ARISING OUT OF OR RELATING TO THIS AGREEMENT AND ALL ORDER FORMS, INCLUDING WITHOUT LIMITATION ON ACCOUNT OF PERFORMANCE OR NON-PERFORMANCE OF OBLIGATIONS, REGARDLESS OF THE FORM OF THE CAUSE OF ACTION, WHETHER IN CONTRACT, TORT (INCLUDING, WITHOUT LIMITATION, NEGLIGENCE), STATUTE OR OTHERWISE WILL BE LIMITED TO DIRECT DAMAGES AND WILL NOT EXCEED THE AMOUNTS RECEIVED BY RED HAT DURING TWELVE (12) MONTHS IMMEDIATELY PRECEDING THE FIRST EVENT GIVING RISE TO LIABILITY, WITH RESPECT TO THE PARTICULAR ITEMS (WHETHER SOFTWARE, SERVICES OR OTHERWISE) GIVING RISE TO LIABILITY UNDER THE MOST APPLICABLE ORDERING DOCUMENT.

8.2 Disclaimer of Damages. NOTWITHSTANDING ANYTHING TO THE CONTRARY CONTAINED IN THIS AGREEMENT OR AN ORDER FORM, IN NO EVENT WILL RED HAT OR ITS AFFILIATES BE LIABLE TO CLIENT OR ITS AFFILIATES FOR DAMAGES OTHER THAN DIRECT DAMAGES, INCLUDING, WITHOUT LIMITATION: ANY INCIDENTAL, CONSEQUENTIAL, SPECIAL, INDIRECT, EXEMPLARY OR PUNITIVE DAMAGES, WHETHER ARISING IN TORT (INCLUDING WITHOUT LIMITATION, NEGLIGENCE), CONTRACT, STATUTE OR OTHERWISE; OR ANY DAMAGES ARISING OUT OF OR IN CONNECTION WITH ANY MALFUNCTIONS, REGULATORY NON-COMPLIANCE, DELAYS, LOSS OF DATA, LOST PROFITS, LOST SAVINGS, INTERRUPTION OF SERVICE, LOSS OF BUSINESS, GOODWILL OR ANTICIPATORY PROFITS, EVEN IF RED HAT OR ITS AFFILIATES HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. LIABILITY FOR THESE DAMAGES WILL BE LIMITED AND EXCLUDED EVEN IF ANY EXCLUSIVE REMEDY PROVIDED FOR IN THIS AGREEMENT FAILS OF ITS ESSENTIAL PURPOSE.

9. Confidentiality

9.1 Obligations. During the term of this Agreement, both parties agree that (i) Confidential Information will be used only in accordance with the terms and conditions of this Agreement; (ii) each will use the same degree of care it utilizes to protect its own confidential information, but in no event less than reasonable care; and (iii) the Confidential Information may be disclosed only to employees, agents and contractors with a need to know, and to its auditors and legal counsel, in each case, who are under a written obligation to keep such information confidential using standards of confidentiality not less restrictive than those required by this Agreement. Both parties agree that obligations of confidentiality will exist for a period of two (2) years following initial disclosure of the particular Confidential Information. "Confidential Information" means all information disclosed by either Red Hat or Client ("Disclosing Party") to the other party ("Recipient") during the term of this Agreement that is either (i) marked confidential or (ii) disclosed orally and described as confidential at the time of disclosure and subsequently set forth in writing, marked confidential, and sent to the Recipient within thirty (30) days following the oral disclosure.

9.2 Exclusions. Confidential Information will not include information which: (i) is or later becomes publicly available without breach of this Agreement, or is disclosed by the Disclosing Party without obligation of confidentiality; (ii) is known to the Recipient at the time of disclosure by the Disclosing Party; (iii) is independently developed by the Recipient without use of the Confidential Information; (iv) becomes lawfully known or available to the Recipient without restriction from a source having the lawful right to disclose the information; (v) is generally known or easily ascertainable by parties of ordinary skill in the business of the Recipient; or (vi) is software code in either object code or source code form that is licensed under an open source license. The Recipient will not be prohibited from complying with disclosure mandated by applicable law if, where reasonably practicable and without breaching any legal or regulatory requirement, it gives the Disclosing Party advance notice of the disclosure requirement.

10. Representations and Warranties

10.1 General Representations and Warranties. Red Hat represents and warrants that: (a) the Services will be performed in a professional and workmanlike manner by qualified personnel; (b) it has the authority to enter into this Agreement with Client; and (c) to Red Hat's knowledge, Red Hat branded Software does not, at the time of delivery to Client, include malicious or hidden mechanisms or code for the purpose of damaging or corrupting the Software.

10.2 Disclaimer of Warranty. EXCEPT AS EXPRESSLY PROVIDED IN SECTION 10.1 OR BY A THIRD PARTY VENDOR DIRECTLY TO CLIENT UNDER A SEPARATE AGREEMENT, THE SERVICES, SOFTWARE AND ANY HARDWARE ARE PROVIDED BY RED HAT "AS IS" AND WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY, NON-INFRINGEMENT, AND FITNESS FOR A PARTICULAR PURPOSE. RED HAT DOES NOT GUARANTEE OR WARRANT THAT THE USE OF THE SERVICES, SOFTWARE OR HARDWARE WILL BE UNINTERRUPTED, COMPLY WITH REGULATORY REQUIREMENTS, BE ERROR FREE OR THAT RED HAT WILL CORRECT ALL SOFTWARE ERRORS. FOR THE BREACH OF THE WARRANTIES SET FORTH IN SECTION 10.1, CLIENT'S EXCLUSIVE REMEDY, AND RED HAT'S ENTIRE LIABILITY, WILL BE THE REPERFORMANCE OF DEFICIENT SERVICES, OR IF RED HAT CANNOT SUBSTANTIALLY CORRECT A BREACH IN A COMMERCIALY REASONABLE MANNER, CLIENT MAY TERMINATE THE RELEVANT SERVICES AND RECEIVE A PRO RATA REFUND OF THE FEES PAID FOR THE DEFICIENT SERVICES AS OF THE EFFECTIVE DATE OF TERMINATION. Without limiting the generality of the foregoing disclaimer, the Software, Services and any hardware provided are not specifically designed, manufactured or intended for use in (a) the planning, construction, maintenance, control, or direct operation of nuclear facilities, (b) aircraft navigation, control or communication systems, weapons systems, or (c) direct life support systems. Client agrees that it is solely responsible for the results obtained from the use of the Software and Services.

11. Open Source Assurance Program

For Software that is Red Hat branded, purchases under this Agreement may entitle Client to participate in Red Hat's Open Source Assurance Program which is described at <http://www.apac.redhat.com/rhel/details/assurance/>. The terms for this optional program are subject to a separate agreement which can be viewed at http://www.apac.redhat.com/legal/open_source_assurance_agreement.php

12. Governing Law/Consent to Jurisdiction

The validity, interpretation and enforcement of this Agreement will be governed by and construed in accordance with the laws of Singapore without giving effect to the conflicts of laws provisions thereof or the United Nations Convention on Contracts for the International Sale of Goods. All disputes arising out of or relating to this Agreement will be submitted to the exclusive jurisdiction of the courts of Singapore and each party irrevocably consents to such personal jurisdiction and waives all objections to this venue.

13. Miscellaneous

13.1 Notices. Notices must be in English, in writing, and will be deemed given when delivered by hand or five (5) days after being sent using a method that provides for positive confirmation of delivery to the respective addresses or facsimile numbers indicated in an Order Form; provided that any notice from Client to Red Hat includes a copy sent to: Red Hat, Inc., Attention: General Counsel, 1801 Varsity Drive, Raleigh, North Carolina 27606; Facsimile: (919) 754-3704.

13.2 Assignment. This Agreement is binding on the parties to this Agreement, and other than the rights conferred on Business Partners in Sections 5.1 and 6.2.2, nothing in this Agreement or in any Order Form grants any other person or entity any right, benefit or remedy of any nature whatsoever, except for the parties' Affiliates as expressly provided in this Agreement. This Agreement is assignable by either party only with the other party's prior written consent, which will not be unreasonably withheld, conditioned or delayed; provided, however, either party may, upon written notice and without the prior approval of the other party, (a) assign this Agreement to an Affiliate as long as the Affiliate has sufficient credit to satisfy its obligations under this Agreement and the scope of Service is not affected; and (b) assign this Agreement pursuant to a merger or a sale of all or substantially all of such party's assets or stock.

13.3 Independent Contractor. Red Hat is an independent contractor and nothing in this Agreement or related to Red Hat's performance of any Order Form will be construed to create an employment or agency relationship between Client (or any Client personnel) and Red Hat (or any Red Hat personnel). Each party will be solely responsible for supervision, direction, control and payment of its personnel, including applicable taxes, deductions, other payments and benefits. Red Hat may subcontract Services under an Order Form to third parties or Affiliates without the approval of Client; provided, however, that (a) subcontractors agree to protect Client Confidential Information, and (b) Red Hat remains responsible to Client for performance of its obligations hereunder.

13.4 Force Majeure. Neither party will be liable for nonperformance or delays caused by acts of God, wars, riots, strikes, fires, floods, hurricanes, earthquakes, government restrictions, terrorist acts or other causes beyond its reasonable control.

13.5 Non-solicitation. Client agrees not to solicit or hire any personnel of Red Hat involved with the delivery of Services in connection with any Order Form during the term of and for twelve (12) months after termination or expiration of such Order Form; provided that Client may hire an individual employed by Red Hat who, without other solicitation, responds to advertisements or solicitations aimed at the general public.

13.6 Export and Privacy. Red Hat may supply Client with technical data that is subject to export control restrictions. Red Hat will not be responsible for compliance by Client with applicable export obligations or requirements for this technical data. Client agrees to comply with all applicable export control restrictions. If Client breaches this Section 13.6 or the export provisions of an applicable end user license agreement for the Software, or any provision referencing these sections, Red Hat may terminate this Agreement and/or the applicable Order Form and its obligations thereunder without liability to Client. Client acknowledges and agrees that to provide the Services, it may be necessary for Client Information to be transferred between Red Hat, its Affiliates, Business Partners and/or subcontractors, which may be located worldwide.

13.7 Dispute Resolution. Each party agrees to give the other a written description of any problem(s) that may arise and to make a good faith effort to amicably resolve any such problem before commencing any proceeding. All disputes, controversies, or differences arising out of or in connection with this Agreement shall first be submitted to the Singapore Mediation Centre for resolution by mediation in accordance with the Mediation Procedure for the time being in force. The parties agree to participate in the mediation in good faith and undertake to

abide by the terms of any settlement reached. In relation to any dispute arising out of or otherwise relating to this Agreement which is not resolved by mediation, the parties agree to resolve the dispute in accordance with Section 12 above. Notwithstanding the foregoing, either party may take any action reasonably required (including without limitation, injunctive relief) to protect such party's rights. No claim or action, regardless of form, arising out of this Agreement or an Order Form may be brought by either party more than one (1) year after the cause of action has accrued.

- 13.8 Headings.** All headings contained in this Agreement are inserted for identification and convenience and will not be deemed part of this Agreement for purposes of interpretation.
- 13.9 Severability.** If any provision of this Agreement is held invalid or unenforceable for any reason but would be valid and enforceable if appropriately modified, then such provision will apply with the modification necessary to make it valid and enforceable. If such provision cannot be so modified, the parties agree that such invalidity will not affect the validity of the remaining provisions of the Agreement.
- 13.10 Waiver.** The delay or failure of either party to exercise any rights under this Agreement will not constitute or be deemed a waiver or forfeiture of such rights. No waiver will be valid unless in writing and signed by an authorized representative of the party against whom such waiver is sought to be enforced.
- 13.11 Complete Agreement.** Each Order Form (a) is a separate agreement and is deemed to incorporate this Agreement, unless otherwise expressly provided in that Order Form; (b) constitutes the exclusive terms and conditions with respect to the subject matter of that Order Form, notwithstanding any different or additional terms that may be contained in the form of purchase order or other document used by Client to place orders or otherwise effect transactions under this Agreement; and (c) represents the final, complete and exclusive statement of the agreement between the parties with respect thereto, notwithstanding any prior written agreements or prior and contemporaneous oral agreements with respect to the subject matter of the Order Form. In the event of any conflict between this Agreement, any Order Form and any end user license agreement for Software, this Agreement will take precedence unless otherwise expressly provided in the Order Form. Notwithstanding any provision to the contrary in this Agreement, any applicable end user license agreement will be governed by the laws of the State of New York and of the United States, without regard to any conflict of laws provisions. Any claim relating to the provision of the Services by Red Hat, its Affiliates or their respective personnel will be made against Red Hat alone.
- 13.12 Amendment.** Neither this Agreement nor any Order Form may be amended or modified except in a writing signed by the parties, which writing makes specific reference to this Agreement or the applicable Order Form.
- 13.13 Counterparts and Facsimile Signature.** In the event this Agreement is executed with signatures, this Agreement may be executed in counterparts, each of which will be deemed an original and all of which will constitute one and the same document. The parties may exchange signature pages by facsimile and such signatures will be effective to bind the parties to all the terms contained in this Agreement.
- 13.14 Contracts (Rights of Third Parties) Act.** The parties agree that the provisions of the Contracts (Rights of Third Parties) Act, Cap 53B ("the Act") shall apply to this Agreement to confer to each of Red Hat's Affiliates and/or any Red Hat authorized dealer and their respective officers, employees, servants, contractors and agents all such rights as may be conferred under the Act in favour of third parties, including the right to enforce in each of these parties' own name any term of this Agreement to the fullest extent permitted by the Act.

Red Hat sells subscriptions that entitle you to receive Red Hat services and Software during the period of the subscription (generally, one or three years). This Appendix describes the **Subscription Services** that Red Hat provides for:

- Software product offerings (these subscriptions are called “**Software Subscriptions**”);
- Support services offerings (these subscriptions are called “**Support Subscriptions**”); and
- Software delivery and management services offerings (these subscriptions are called “**Management Subscriptions**”).

The Exhibits to this Appendix provide additional terms concerning the Subscription Services. Whether you purchase Subscription Services from us or through one of our authorized business partners, we agree to provide you with the Subscription Services on the terms described in this Appendix, which include the Exhibits and documents referred to in this Appendix and the Exhibits (“**Appendix**”). In exchange, you agree to comply with the requirements and terms of this Appendix.

When we use a capitalized term in this Appendix without defining it, the term has the meaning defined in the base agreement. In the event of a conflict, inconsistency or difference between this Appendix and an Exhibit to this Appendix, the terms of the Exhibit control.

1. Subscription Services – An Overview

Subscription Units: We charge you a fee on a per “**Unit**” basis for our Subscription Services. For example, Software Subscriptions for Red Hat Enterprise Linux are sold based on the number of “**Systems**” on which you install the Software, while Software Subscriptions for JBoss Enterprise Application Platform are sold based on the number of “**CPUs**” running that Software, in a range called a “**CPU Band**.” We define the Unit for each type of Subscription Service in Tables 1.1, 1.2 and 1.3 below.

Use of Software and Subscription Services: While you have subscriptions entitling you to receive Subscription Services for a Red Hat product, you are required to purchase Subscription Services for every Unit of that Red Hat product that you utilize as described in Tables 1.1, 1.2 and 1.3 below. In addition, if you are using Subscription Services to support or maintain non-Red Hat Software, then you are required to purchase Subscription Services for each instance of non-Red Hat Software for which you use Subscription Services. For example, you must purchase one Software Subscription for each System on which you install or execute Red Hat Enterprise Linux. You may use Subscription Services only for your own internal use (which includes your authorized Affiliates). Distributing any portion of the Subscription Services to a third party or using any of the Subscription Services for the benefit of a third party is a material breach of the Agreement. The Subscription Services may be used under the terms of this Agreement by third parties acting on your behalf, such as contractors, subcontractors or outsourcing vendors, provided you remain responsible for your obligations and the activities and omissions of these third parties. Any unauthorized use of the Subscription Services is a material breach of the Agreement, such as (a) only purchasing or renewing Subscription Services for some, but not all, of the Systems on which you install, use or execute Red Hat Enterprise Linux, (b) providing Software Access or Software Maintenance (defined below) to third parties, (c) using Production Support (defined below) to provide support to third parties (d) using Subscription Services in connection with any redistribution of Software during the term of the Subscription Services or (e) using Subscription Services to support or maintain any non-Red Hat Software products. The open source licenses that are applicable to the individual software packages and the End User License Agreement(s) are perpetual, but the other benefits of the Software Subscription will expire if not renewed.

Subscription Start Date: Unless otherwise agreed in an Order Form, the Subscription Services will begin on the date you purchase the Subscription Services.

1.1 Software Subscriptions

Benefits of a Software Subscription: Except as otherwise noted, for each Software Subscription that you purchase, Red Hat generally provides you four basic benefits:

- **Software Access:** Access to the supported versions of the Software through a Red Hat delivery portal (for example, Red Hat Network or JBoss Customer Support Portal).
- **Software Maintenance:** Access to updates, upgrades, corrections, security advisories and bug fixes for the Software, when and if these are available, through a Red Hat delivery portal.
- **Production Support:** Access to Red Hat technical support for issues relating to Software running in a production environment as described in Section 2 below.
- **Open Source Assurance:** Purchases under this Agreement for Red Hat Software Subscriptions, may entitle you to participate in Red Hat’s Open Source Assurance Program subject to a separate agreement, which can be viewed at www.apac.redhat.com/legal/open_source_assurance_agreement.php.

Descriptions of Red Hat Software Subscriptions: Table 1.1 below lists the types of Software Subscriptions offered by Red Hat, the Unit description that is used to measure your use of the Software Subscription and a link to the End User License Agreement (“**EULA**”) that governs your use of the Software. While traditional software companies place many restrictions on your use of their software, Red Hat’s

open source EULAs provide you with broad rights and generally much more freedom and flexibility than you might receive in a license provided by a traditional software vendor. Be sure to read the information contained at the links in Table 1.1 below so that you understand your rights and obligations. The Exhibits listed in Table 1.1 contain additional information concerning the scope of the Software Subscriptions and how Red Hat provides Services to you.

Table 1.1

Software Subscription	Unit Description (used to measure your use of Software Subscriptions) and End User License Agreement	Exhibit Containing Additional Terms
Red Hat Enterprise Linux Red Hat Enterprise Linux Desktop Red Hat Enterprise Linux Advanced Platform Red Hat Enterprise Linux for Mainframe Red Hat Global File System Red Hat Cluster Suite Red Hat MRG Real-time Red Hat HPC Solution Red Hat Enterprise Linux for HPC Compute Nodes Red Hat Enterprise Linux Workstation	<p>System: a system* on which you install or execute any or all of the Software. A System includes each instance of the Software installed or executed on, without limitation, a server, work station, laptop, virtual machine,** blade, node, partition, appliance or engine, as applicable.</p> <p>* For Red Hat Enterprise Linux for Mainframe, a Unit is an "IFL." An IFL, or an Integrated Facility for Linux, is a CPU dedicated to Linux workloads.</p> <p>**Additional terms regarding virtualization are discussed in Exhibit 1.A.</p> <p>End User License Agreement: www.apac.redhat.com/licenses/rhel_rha_eula.php</p>	1.A
Red Hat Enterprise MRG Messaging Red Hat Enterprise MRG Platform Red Hat Enterprise MRG Execute Node	<p>CPU: a socket that contains a central processing unit or other integrated circuit that executes instructions provided by the Software.</p> <p>End User License Agreement: www.apac.redhat.com/licenses/rhel_rha_eula.php</p>	1.A
Red Hat Application Stack	<p>System: a system on which you install or execute all or a portion of the Software. A System includes each instance of the Software installed or executed on, without limitation, a server, work station, laptop, virtual machine, blade, node, partition, appliance or engine, as applicable.</p> <p>End User License Agreements: www.apac.redhat.com/licenses/jboss_eula.php and www.apac.redhat.com/licenses/rhel_rha_eula.php</p>	1.A, 1.B
JBoss Enterprise Middleware JBoss Enterprise Web Server JBoss Web Framework Kit	<p>CPU Band: a group of CPUs (i.e., 4 or 32), where a "CPU" is a socket that contains a central processing unit or other integrated circuit that executes instructions provided by the Software.</p> <p>End User License Agreement: www.apac.redhat.com/licenses/jboss_eula.php</p>	1.B
JBoss Enterprise Data Services Platform (aka MetaMatrix)	<p>CPU Band: a group of CPUs (i.e., 4 or 32), where a "CPU" is a socket that contains a central processing unit or other integrated circuit that executes instructions provided by the Software.</p> <p>End User License Agreement: www.redhat.com/licenses/jboss_edsp_eula.html</p>	1.B
JBoss Enterprise Data Services Platform – Metadata Importer (aka MetaMatrix)	<p>Model Type: a third party data modeling application from which you import metadata.</p> <p>End User License Agreement: www.redhat.com/licenses/jboss_edsp_eula.html</p>	1.B
Red Hat Directory Server	<p>System: a system on which you install or execute all or a portion of the Software. A System includes each instance of the Software installed or executed on, without limitation, a server, work station, laptop, virtual machine, blade, node, partition, appliance or engine, as applicable.</p> <p>End User License Agreement: www.apac.redhat.com/licenses/rhds_rhcs_eula.php</p>	1.C

Software Subscription	Unit Description (used to measure your use of Software Subscriptions) and End User License Agreement	Exhibit Containing Additional Terms
Red Hat Certificate System	<p>Digital Certificate: a unique digital signature that binds together a unique public key with identity information such as a name, address or organization.</p> <p>End User License Agreement: www.apac.redhat.com/licenses/rhds_rhcs_eula.php</p>	1.C
JBoss Developer Studio	<p>System: a system on which you install or execute all or a portion of the Software. A System includes each instance of the Software installed or executed on, without limitation, a server, work station, laptop, virtual machine, blade, node, partition, appliance or engine, as applicable.</p> <p>End User License Agreements: www.apac.redhat.com/licenses/jboss_eula.php and www.apac.redhat.com/licenses/rhel_rha_eula.php</p>	1.D

1.2 Support and Maintenance Subscriptions

Support and Maintenance Subscriptions entitle you to receive additional or different types of technical support above and beyond a regular Software Subscription. The table below lists the different Support Subscriptions we offer, describes the Unit for that Support Subscription and points you to the Exhibit that provides terms that are specific to that Support Subscription.

Table 1.2

Support and Maintenance Subscription	Unit Description (used to measure your use of Support Subscriptions)	Exhibit Containing Additional Terms
Red Hat Developer Support – Professional Red Hat Developer Support – Enterprise	Contact: an employee in your organization who is authorized to contact Red Hat to request support services.	1.D
JBoss Enterprise Data Services Developer Support (aka MetaMatrix)	CPU Band: a group of CPUs (i.e., 4 or 32), where a “CPU” is a socket that contains a central processing unit or other integrated circuit that executes instructions provided by the Software.	1.D
Technical Account Management Service	Point of Contact: a Red Hat associate who you are authorized to contact to request Production Support services for a particular team, geography and Red Hat product line.	1.E
Extended Update Support	System Band: a group of Systems (e.g., 100 or 200), where a “System” is a system on which you install or execute all or a portion of the Software. A System includes, without limitation, a server, work station, virtual machine, blade, node, partition or engine, as applicable.	1.E

1.3 Management Subscriptions

Management Subscriptions entitle you to receive services related to monitoring and/or managing software and systems. The table below lists the different Management Subscriptions we offer, provides a link to the EULA or license terms that govern your use of the Software related to the Management Subscription, describes the Unit for that Management Subscription and points you to the Exhibit that provides terms that are specific to that Management Subscription. Be sure to click on the links below so that you understand your rights and obligations.

Table 1.3

Management Subscription	Unit Description (used to measure your use of Management Subscriptions) and End User License Terms	Exhibit Containing Additional Terms
Red Hat Network Satellite Server Red Hat Network Satellite Server Starter Pack	<p>System: a system on which you install or execute all or a portion of the Software. A System includes each instance of the Software installed or executed on, without limitation, a server, work station, laptop, virtual machine, blade, node, partition, appliance or engine, as applicable.</p> <p>End User License Terms: See Exhibit 1.F</p>	1.F

Management Subscription	Unit Description (used to measure your use of Management Subscriptions and End User License Terms)	Exhibit Containing Additional Terms
Red Hat Network Proxy Server	<p>System: a system on which you install or execute all or a portion of the Software. A System includes each instance of the Software installed or executed on, without limitation, a server, work station, laptop, virtual machine, blade, node, partition, appliance or engine, as applicable.</p> <p>End User License Terms: See Exhibit 1.F</p>	1.F
Red Hat Network Management Module	<p>Module: an entitlement to manage one System.</p> <p>End User License Terms: See Exhibit 1.F</p>	1.F
Red Hat Network Provisioning Module	<p>Module: an entitlement to provision or re-provision one unique System or a replacement for the System.</p> <p>End User License Terms: See Exhibit 1.F</p>	1.F
Red Hat Network Monitoring Module	<p>Module: an entitlement to monitor one System.</p> <p>End User License Terms: See Exhibit 1.F</p>	1.F
JBoss ON JBoss ON Monitoring	<p>CPU Band: a group of CPUs (i.e., 4 or 32), where a “CPU” is a socket that contains a central processing unit or other integrated circuit that executes instructions provided by the Software.</p> <p>End User License Terms: See Exhibit 1.F</p>	1.F
Red Hat Enterprise IPA	<p>System: a system on which you install or execute any or all of the Software. A System includes each instance of the Software installed or executed on, without limitation, a server, work station, laptop, virtual machine, blade, node, partition, appliance or engine, as applicable.</p> <p>End User License Agreement: www.apac.redhat.com/licenses/rhel_rha_eula.php.</p>	1.F

2. Production Support Policies

Some clients purchase their production support services for their Software Subscriptions from a Red Hat Business Partner, in which case the Business Partner provides the support to the client rather than Red Hat. This Section applies to you only if you have purchased Subscription Services with Production Support provided by Red Hat. If you have purchased Subscription Services with Production Support provided by a Business Partner, this Section does not apply to you and you should work with your Business Partner to obtain support services.

To access and utilize Production Support Services, you must provide Red Hat with sufficient information to validate your entitlement to Production Support Services. The scope of Production Support Services is based on the level (for example, Basic, Standard or Premium) and type of Services you purchased. Certain Services are provided only during Red Hat’s local standard business hours as shown in Section 2.2 below. Support for Software Subscriptions is only provided for the hardware and platforms listed at hardware.redhat.com (“Supported Hardware”).

During the life cycle of Red Hat Software, the scope of Software Maintenance and Production Support we provide evolves and, after a number of years, we discontinue providing Software Maintenance and Production Support for particular (i.e., older) versions of Software. You may purchase a Support Subscription to Extended Updated Support, as described in Exhibit 1.E, to extend your support for certain releases of Red Hat Software. The details of the Software Maintenance and Production Support life cycle are set forth at www.apac.redhat.com/security/updates.

2.1 Maintenance and Production Support Coverage

Production Support consists of assistance and response with installation, usage, problem diagnosis and bug fixes for the Software. Production Support does not include assistance with code development, system and/or network design, architectural design, optimizations, tuning recommendations, development or implementation of security rules or policies or for third party software made available with Red Hat Software (listed at www.redhat.com/licenses/thirdparty/eula.html), supplementary RHN channels or preview technologies. We do not provide Maintenance or Production Support for Software that (a) you have modified, (b) is running on hardware that is not Supported Hardware or (c) is running in an unsupported Use Case as described in an Exhibit. For example, Red Hat does not provide support for modified packages or modified source code. You are responsible for testing the Software before deploying it in your production environment. You should also backup your production systems on a regular basis and have those backups available if needed for support purposes.

2.2 Production Support Service Level Guidelines

Except as otherwise noted, you can generally purchase one of three levels of Production Support for Software Subscriptions: Basic, Standard or Premium. Red Hat will use commercially reasonable efforts to provide Production Support in accordance with the guidelines shown in Table 2.2 below. Red Hat's Technical Support telephone numbers and local standard business hours ("**Standard Business Hours**") are listed at www.redhat.com/support/policy/sla/contact/. Production Support levels are shown in the table below.

Table 2.2

	Basic	Standard	Premium
Hours of Coverage	Standard Business Hours	Standard Business Hours	Standard Business Hours 24x7 for Severity 1
Support Channel	Web only	Web and Phone	Web and Phone
Number of Cases	Unlimited	Unlimited	Unlimited
Software Maintenance	via Red Hat management portal	via Red Hat management portal	via Red Hat management portal
Response Guidelines			
Severity 1 (Urgent): A problem which severely impacts your production environment (such as loss of production data) or in which your production systems are not functioning. The situation halts your business operations and no procedural work around exists.	2 Business Days	1 Business Hour	1 hour
Severity 2 (High): A problem where your system is functioning but in a severely reduced capacity. The situation is causing a high impact to portions of your business operations and no procedural work around exists.	2 Business Days	4 Business Hours	4 Business Hours
Severity 3 (Medium): A problem which involves partial, non-critical functionality loss of a production or development system. There is a medium-to-low impact on your business, but your business continues to function, including by using a procedural work around.	2 Business Days	1 Business Day	1 Business Day
Severity 4 (Low): A general usage question, reporting of a documentation error or recommendation for a future product enhancement or modification. There is low-to-no impact on your business or the performance or functionality of your system.	2 Business Days	2 Business Days	2 Business Days

EXHIBIT 1.A
RED HAT ENTERPRISE LINUX AND
RELATED SOFTWARE SUBSCRIPTIONS



1. Red Hat Enterprise Linux and Related Software Subscriptions

The primary subscriptions for Red Hat Enterprise Linux are a base version called Red Hat Enterprise Linux and an enhanced version called Red Hat Enterprise Linux Advanced Platform, each with the following characteristics.

Table 1

	Red Hat Enterprise Linux			Red Hat Enterprise Linux Advanced Platform	
Number of supported sockets per System	Up to 2			Unlimited	
Number of virtualized guests supported per System for Red Hat Enterprise Linux version 5 or higher (see “ Virtualization ” below)	Up to 4			Unlimited	
Includes storage virtualization and high availability capabilities (Red Hat Global File System and Cluster Suite)	No			Yes	
Production Support Levels	Basic	Standard	Premium	Standard	Premium

Virtualization: When you deploy a guest operating system in a virtualized environment, you are responsible for securing the required license rights for any third party operating systems or other software that you use. When you use Red Hat Enterprise Linux version 4 or lower as a host operating system, you must purchase a separate Software Subscription for each virtualized Red Hat Enterprise Linux guest operating system that you run. We also provide unique Software Subscriptions that provide you the ability to use Red Hat Enterprise Linux guest instances in virtualized environments that use non-Red Hat software to provide the hypervisor virtualization functionality. These subscriptions provide (a) four additional entitlements for guest instances running on a non-Red Hat hypervisor on Red Hat Enterprise Linux or (b) ten additional entitlements for guest instances running on a non-Red Hat hypervisor on Red Hat Enterprise Linux Advanced Platform.

1.1 Red Hat Enterprise Linux Server Use Cases

Subscription Services are provided for Software only when used for its supported purpose (“**Use Case**”) in accordance with the terms of this Exhibit and the table below.

Table 1.1

Software	Supported Use Case
Red Hat Enterprise Linux Red Hat Enterprise Linux Advanced Platform Red Hat Enterprise Linux for Mainframe	Server computing, including delivery of services to other logical or physical client or server systems and the execution of multi-user applications.
Red Hat Enterprise Linux for HPC Compute Nodes Red Hat HPC Solution	High performance computing (“ HPC ”) which consists of a minimum set of four Systems that are networked and managed to solve compute-intensive workloads (“ cluster ”) with all of the following characteristics: (a) the cluster is used for compute-intensive distributed tasks sent to individual compute nodes within the cluster, (b) the cluster works as a single entity or system on specific tasks by performing compute-intensive operations on sets of data (Systems running a database, web application, load balancing or file serving clusters are not considered HPC nodes), (c) the number of management or head nodes does not exceed one quarter of the total number of nodes in the cluster and (d) all compute nodes in the cluster have the same Red Hat Enterprise Linux configuration.

2. Red Hat Application Stack Software Subscriptions

A Software Subscription for Red Hat Application Stack consists of Red Hat Enterprise Linux, JBoss Enterprise Application Platform, open source databases (MySQL and PostgreSQL) and the standard programming languages PHP and Perl. Red Hat Application Stack is supported when used on a System with up to four CPUs (for Standard and Premium service levels) and on a System with up to two CPUs (for Basic service level). Terms regarding the JBoss portion of a Red Hat Application Stack are described in Exhibit 1.B.

3. Red Hat Enterprise Linux Desktop Software Subscriptions

Software Subscriptions for Red Hat Enterprise Linux Desktop are available with a number of different options, as described in Table 3 below. A Red Hat Enterprise Linux Desktop Software Subscription includes one Red Hat Network system entitlement, one Management Module and one Provisioning Module, each to be used solely with a single Red Hat Enterprise Linux Desktop system.

Table 3

	Base Option*	Multi OS Option	Workstation Option	Workstation with Multi OS Option
Maximum CPU processor sockets supported	1	1	2	2
Maximum memory supported	4GB	4GB	Unlimited	Unlimited
Includes virtualization support	No	Yes - up to four guests	No	Yes - up to four guests
Includes open source server applications (e.g., Apache, Samba, or NFS), supported for use on personal systems for testing and development purposes or to share data with peers	No	No	Yes	Yes
Includes the Red Hat Enterprise Linux software development stack	No	No	Yes	Yes

*Base Option is the default if no other option is specified.

3.1 Red Hat Enterprise Linux Desktop Use Cases

Subscription Services are provided for Red Hat Enterprise Linux Desktop only when used for its supported Use Case below and in accordance with the terms of this Exhibit.

Table 3.1

Software	Supported Use Case
Red Hat Enterprise Linux Desktop Red Hat Enterprise Linux Desktop + Workstation	Personal computing systems with a primary purpose of executing applications and/or services for a single user who is typically working from a directly connected keyboard and display. Note: Deploying the associated Red Hat Network system entitlements, Management Modules or Provisioning Modules on a system other than Red Hat Enterprise Linux Desktop is not a supported Use Case.

4. Red Hat Enterprise MRG

MRG Messaging provides a messaging infrastructure among enabled systems. MRG Realtime is a group of Linux kernel features and tools designed to increase the predictability of computing times. MRG Grid bundles MRG Messaging and MRG Realtime and a set of grid management tools as well as the associated Production Support and Software Maintenance for MRG certified systems. MRG Grid is composed of MRG Platform (scheduler) and MRG Execute Nodes. MRG subscriptions must be purchased together with Red Hat Enterprise Linux or Red Hat Enterprise Linux Advanced Platform subscriptions.

4.1 Red Hat Enterprise MRG Use Cases

Subscription Services are provided for Red Hat Enterprise MRG only when used for its supported Use Cases set forth in the table below and in accordance with the terms of this Exhibit.

Table 4.1

Software	Supported Use Case
MRG Messaging	Only systems running operating environments identified at www.redhat.com/mrg/hardware as MRG Messaging compatible will be supported.
MRG Realtime	Only systems running (a) operating environments identified at www.redhat.com/mrg/hardware as MRG Realtime compatible and (b) hardware systems identified as MRG Realtime certified at hardware.redhat.com will be supported.
MRG Platform	Only systems running operating environments identified at www.redhat.com/mrg/hardware as MRG Grid scheduler compatible will be supported.
MRG Execute Node	Only systems (a) running operating environments identified at www.redhat.com/mrg/hardware as MRG Execution Node compatible and (b) that are used as computing nodes managed by MRG Platform will be supported.

5. Production Support Contacts

For the Software Subscriptions described in this Exhibit, you may contact Red Hat through your designated Production Support Contacts. You may designate up to the number of contacts described in the table below based on the number of Standard and Premium Software Subscriptions you have purchased. We will provide Subscription Services to you solely by communicating during the Hours of Coverage with the individual Production Support Contact(s) you appoint.

Table 5

Number of Standard and Premium Software Subscriptions	Production Support Contacts*
1 to 50	2
51 to 100	4
101 to 250	6
251 to 500	8
501 to 1000	10
1001 and over	12

You may change your designated support contacts by notifying us in writing and giving us five business days to process the change. The people from your organization who contact us for Production Support should have “read and write” access to the necessary files, English language communication skills and relevant technical knowledge.

*Production Support for Red Hat Enterprise Linux Desktop and Red Hat Enterprise Linux Workstation subscriptions is limited to web-based support only for your helpdesk support personnel). Red Hat is not obligated to support your end users directly.

EXHIBIT 1.B
JBoss SOFTWARE SUBSCRIPTIONS



1. JBoss Software Subscriptions

For JBoss Subscriptions, the table below provides a high level description of the Software and its intended purpose.

Table 1

JBoss Software Subscriptions	Description
Platforms:	
JBoss Enterprise Application Platform	JBoss Enterprise Application Platform integrates JBoss Application Server, JBoss Clustering, JBoss Hibernate and JBoss Seam into an enterprise solution for developing, deploying and managing Java applications.
JBoss Enterprise Portal Platform	JBoss Enterprise Portal Platform is a platform for (a) hosting and serving a portal's web interface, (b) aggregating, publishing, managing its content and (c) personalizing users' experiences.
JBoss Enterprise SOA Platform	JBoss Enterprise SOA ("Services Orientated Architecture") Platform is an integration and business automation platform used to find, integrate and orchestrate SOA business services, enterprise applications, and other IT assets into automated business processes.
JBoss Enterprise Data Services Platform	JBoss Enterprise Data Services Platform provides (a) tools for creating data services accessible through JDBC, ODBC or web service protocols, (b) a repository for storing data service definitions with relevant metadata and (c) an execution environment.
JBoss Enterprise Web Server	JBoss Enterprise Web Server is an enterprise solution for developing, deploying and managing websites and simple Java web applications.
Frameworks:	
JBoss Hibernate	JBoss Hibernate is an object/relational persistence and query service intended to facilitate the development of persistent classes.
JBoss jBPM	JBoss jBPM provides workflow capability, business process management (BPM) and process orchestration. JBoss jBPM is designed to run standalone or be embedded within a Java application or programming framework, such as JBoss Seam.
JBoss Rules	JBoss Rules provides a standards-based business rules framework for business policy, rules development and rules execution.
JBoss Web Framework Kit	JBoss Web Framework Kit provides enterprise versions of open source development frameworks for building and maintaining Java applications.
Other Software Subscriptions:	
JBoss Enterprise Data Services Platform – ODBC Access (aka MetaMatrix)	JBoss Enterprise Data Services Platform – ODBC Access facilitates ODBC-based client applications accessing data through the JBoss Enterprise Data Services Platform.
JBoss Enterprise Data Services Platform – MetaData Importer (aka MetaMatrix)	JBoss Enterprise Data Services Platform – Metadata Importer imports metadata models created in a third-party data modeling application.

2. JBoss Enterprise Production Support Contacts

For the JBoss Software Subscriptions described in this Exhibit, you may contact Red Hat through your designated Production Support Contacts. You may designate up to the number of contacts set forth in the table below based on the number of JBoss Software Subscriptions you have purchased. Table 2.a below lists the number of available Production Support Contacts for JBoss Software Subscriptions other than Software Subscriptions for JBoss Enterprise Data Services Platform. Table 2.b lists the number of available Production Support Contacts for Software Subscriptions for JBoss Enterprise Data Services Platform. We will provide Subscription Services to you solely by communicating with the individual Production Support Contact(s) you appoint.

Table 2.a -- JBoss Software Subscriptions (other than JBoss Enterprise Data Services Platform)

Number of CPUs Purchased	Production Support Contacts
1 to 31 CPUs	2
32 to 63 CPUs	10
64 to 127 CPUs	15
128 to 255 CPUs	20
256 to 511 CPUs	25
512 to 1023 CPUs	28
1024 to 1503 CPUs	30

Number of CPUs Purchased	Production Support Contacts
1504 to 2559 CPUs	32
2560 CPUs and over	35

Table 2.b -- JBoss Enterprise Data Services Platform

Number of CPUs Purchased	Production Support Contacts
1 to 4 CPUs	2
5 to 16 CPUs	4
17 to 32 CPUs	6
33 CPUs and over	8

You may change your designated support contacts by notifying us in writing and giving us five business days to process the change. The people from your organization who contact us for Production Support should have “read and write” access to the necessary files, English language communication skills and relevant technical knowledge.

EXHIBIT 1.C
RED HAT DIRECTORY SERVER AND
CERTIFICATE SYSTEM SOFTWARE SUBSCRIPTIONS



Use Cases

Production Support is provided for Red Hat Directory Server and Red Hat Certificate System only when this Software is used for its supported Use Case. Red Hat does not provide Production Support for: (a) a Replica Red Hat Directory Server when you do not also have an active Software Subscription for a Master Red Hat Directory Server; or (b) Red Hat Directory Server or Red Hat Certificate System when installed on Red Hat Enterprise Linux Desktop, HPC or Workstation.

**EXHIBIT 1.D
DEVELOPER SUPPORT SUBSCRIPTIONS**



1. Red Hat Developer Support Subscriptions

For each Developer Support Subscription that you purchase, Red Hat generally provides you with the four basic benefits of Red Hat subscriptions as described in Section 1.1 of Appendix 1, except that instead of Production Support, you receive Developer Support. With Developer Support, you receive access to a Red Hat technical support representative for: (i) support for installation, usage, configuration, diagnosis and bug fixes for the applicable Software, but only for issues related to your use of the Software for development purposes, and (ii) advice concerning application architecture, application design, industry practices, tuning and application porting.

The Developer Support Subscription does not include support for application issues that are live or in production, support for modified software packages, wholesale application debugging or for software included in the Red Hat Extras, supplementary RHN channel or preview technologies. You are responsible for testing the software that you develop before putting it into use in a production environment. You will receive the number of Contacts applicable to your subscription based on the Table 1.2 below.

1.1 Red Hat Developer Support Subscription Levels

There are two levels of Developer Support Subscriptions: Professional and Enterprise. Red Hat Developer Support -- Professional consists of one entitlement to each of the following: JBoss Developer Studio, JBoss Enterprise Platforms and Frameworks (up to four CPUs each), Red Hat Enterprise Linux Advanced Platform, and certain other Red Hat software products, but only for development purposes. Use of Developer Support Subscriptions for support in production is not a supported Use Case.

Red Hat Developer Support – Enterprise is designed for independent software vendors. It includes two entitlements to JBoss Developer Studio, one entitlement to JBoss Enterprise Platforms and Frameworks (up to 32 CPUs each), eight entitlements to Red Hat Enterprise Linux Advanced Platform and eight entitlements each to certain other Red Hat software products, but only for development purposes. Use of Developer Support Subscriptions for support in production is not a supported Use Case.

1.2 Red Hat Developer Support Subscription Level Guidelines

Red Hat will use commercially reasonable efforts to provide Developer Support in accordance with the guidelines set forth in Table 1.2. Red Hat's Technical Support telephone numbers and Standard Business Hours are listed at www.apac.redhat.com/support/policy/sla/production/.

Table 1.2

	Professional	Enterprise
Hours of Coverage	Standard Business Hours	Standard Business Hours
Support Channel	Web and phone	Web and Phone
Number of Cases	Unlimited	Unlimited
Number of Contacts	One developer	Two developers
Software Maintenance	via Red Hat management portal	via Red Hat management portal
Response Guidelines	2 Business Days for all issues	4 Business Hours for all issues

2. JBoss Developer Studio

JBoss Developer Studio provides an open source development environment that includes Eclipse, Eclipse Tooling and JBoss Enterprise Application Platform. JBoss Developer Studio also includes one entitlement to a Red Hat Enterprise Linux Software Subscription, with built-in development tools and Red Hat Network access. JBoss Developer Studio requires JDK 5.0. JBoss Developer Studio is intended for development purposes only. If you use any of the Subscription Services associated with JBoss Developer Studio in a production environment, you agree to purchase the applicable number of Units of the Software Subscription with Production Support. Red Hat does not provide production or development support services for JBoss Developer Studio.

3. JBoss Enterprise Data Services Developer Support Subscriptions

JBoss Enterprise Data Services Developer Support Subscriptions are designed for developers configuring and integrating the JBoss Enterprise Data Services Enterprise Data Services Platform in their environment. JBoss Enterprise Data Services Developer Support Subscriptions include one entitlement to JBoss Enterprise Data Services Platform for four CPUs and two Contacts who are authorized to call for Developer Support. JBoss Enterprise Data Services Developer Support is intended for development purposes only. If you use any of the Subscription Services associated with JBoss Enterprise Data Services Developer Support in a production environment, you agree to purchase the applicable number of Units of the Software Subscription with Production Support. Red Hat does not provide production or development support services for JBoss Enterprise Data Services Developer Support. Red Hat will provide Developer Support in accordance with the guidelines contained in Section 1.2 and Table 1.2 above (Enterprise Level) for each JBoss Enterprise Data Services Developer Support Subscription.

EXHIBIT 1.E OPTIONAL SUPPORT SUBSCRIPTIONS



1. Technical Account Management (“TAM”) Service

The TAM Service is a Support Subscription that you may purchase in addition to your underlying Standard or Premium Software Subscription in order to receive enhanced Production Support services. The TAM Service does not include support for Basic Software Subscriptions. When you purchase a TAM Service, you receive access to a Red Hat support engineer to provide you with:

- access to Red Hat’s technology and development plans, including beta testing and bug/feature escalation,
- weekly review calls,
- two on-site technical review visits per year,
- up to four Support Contacts,
- quarterly service performance metrics via the TAM electronic dashboard and
- a subscription to Red Hat’s TAM monthly newsletter.

1.1 TAM Service Coverage

Each TAM Service Subscription will be limited to certain parameters (that is, a region, a customer team and a product line) and will be listed in the Order Form and, if not listed, the TAM parameters will be established upon the initiation of the TAM Service.

- Regions: North America, EMEA, Asia-Pacific (excluding Japan) or Japan.
- Customer Team: The customer team supported by the TAM, such as your Development team, your System Administration team, your Support Team, etc.
- Red Hat Product Line: The supported Red Hat product line, such as the Red Hat Enterprise Linux product line or the JBoss product line.

1.2 TAM Service Level

Hours of Coverage. The TAM Service is offered during Red Hat Support Standard Business Hours as set forth at www.apac.redhat.com/support/policy/sla/production/ (based on the physical location of the TAM representative).

Engagement of the TAM Representative Outside of Red Hat Standard Business Hours. If you have purchased Premium Red Hat Software Subscriptions, you will receive 24x7 Support for Severity 1 issues through Red Hat’s 24x7 Production Support teams and not necessarily from your assigned TAM representative. Red Hat’s 24x7 Production Support team will be responsible for addressing issues, but will consult with your TAM representative, as your TAM support engineer is available, for advice and to gain a better understanding of your infrastructure, environment and specific needs. If you have purchased multiple TAM Service Subscriptions in each of Red Hat’s primary Support Regions, you will receive the benefit of extended TAM Service coverage hours, but you should follow the same process and contact the Red Hat 24x7 support numbers at www.apac.redhat.com/support/policy/sla/production/.

2. Extended Update Service (“EUS”)

EUS Support Subscriptions are incremental add-on subscriptions for certain minor versions of Red Hat Enterprise Linux (e.g., version 5.3) that provide longer maintenance and support cycles (“**EUS Cycle**”) for those specific versions on Systems covered by EUS Support Subscriptions. EUS provides certain security and priority bug fixes for these specific versions during the associated EUS Cycle as set forth at www.redhat.com/security/updates.

1. Software Delivery Services

1.1 Red Hat Hosted Software Delivery Services

Software Access and Software Maintenance services are provided to you through a Red Hat-hosted delivery portal, either the Red Hat Network (“RHN”) and/or other Red Hat authorized support portals.

1.2 On Premise Software Delivery Options

RHN Satellite Server extends the Software Delivery Services onto your network to manage systems running Red Hat Enterprise Linux (and other Red Hat-branded applications), provided you have purchased an entitlement to a Management Module in connection with these systems. Each RHN Satellite Server includes one Premium level Software Subscription to Red Hat Enterprise Linux, which is supported solely in connection with the RHN Satellite Server. JBoss ON extends the Software Delivery Services onto your network to manage systems running JBoss Software.

1.3 Additional Management Subscriptions

You may purchase the following optional Management Subscriptions to manage your systems through RHN, RHN Satellite Server or JBoss ON:

- RHN Proxy Server (optional extension of RHN Satellite Server)
- RHN Provisioning Module (may be used with RHN Hosted or RHN Satellite)
- RHN Monitoring Module (may be used with RHN Satellite)
- JBoss Monitoring Module (may be used with JBoss ON)

2. Certain Use Terms; End User License Terms

For any RHN Satellite Server version 5.1 or earlier, RHN Proxy Server version 5.1 and earlier, and JBoss ON version 1.x or earlier (collectively, “**Code**”) provided to you by Red Hat, Red Hat grants you, during the term of the Management Subscription and subject to your compliance with the Agreement, a non-exclusive, non-transferable license to use the Code solely for purposes of using the Subscription Services. You may not: (a) modify, copy or create any derivative works of the Code; (b) decompile, disassemble or reverse engineer the Code (except to the extent permitted by applicable law without possibility of contractual waiver); (c) redistribute, encumber, sell, rent, lease, sublicense or otherwise transfer rights to the Code (except to the extent permitted herein); (d) use the Code to create a competing service; or (e) remove or alter any trademark, logo, copyright or other proprietary notices, legends, symbols or labels in the Code. Upon termination of the subscription period for the applicable Management Subscription, you will promptly destroy all copies of the Code in your possession. The Code (and any media containing the Code) is copyrighted by and is the confidential information of Red Hat or the relevant Red Hat Affiliate, and you will not use or disclose any information regarding the Code, except as permitted by the Agreement. The Code is subject to the export control regulations described in Section 5 of the End User License Agreement located at www.apac.redhat.com/licenses/rhel_rha_eula.php, and you agree to comply with those restrictions in your use of the Code.

You may use Red Hat Network Satellite Server version 5.2 and later, Red Hat Network Proxy Server version 5.2 and later, and JBoss ON version 2.0 (collectively, “**Red Hat Applications**”) in accordance with the End User License Agreement located at www.apac.redhat.com/licenses/rhel_rha_eula.php.

If you use RHN Satellite Server or RHN Proxy Server with an embedded database, then you agree to comply with the terms located at www.apac.redhat.com/licenses/satellite_embedded.php.

3. Supported Uses

Production Support is only provided for Software when used for its supported purpose. Consequently, Red Hat does not provide Production Support for: (a) Red Hat Network Satellite Server and Red Hat Proxy Server when not used on a System that is a server or (b) Red Hat Network Satellite Server Starter Pack when used to manage more than 50 Systems.

The following terms apply to any Learning Services, Training Units and/or Consulting Units that you purchase:

1. Learning Services

“**Learning Services**” means Red Hat's training courses, including Red Hat's publicly available courses (“**Open Enrollment Courses**”) and courses provided at a site designated by you (“**On-Site Courses**”).

1.1 Equipment and Facilities

For On-Site Courses, you will supply the facility and equipment as set forth at www.redhat.com/training/solutions/requirements.html. If Red Hat agrees to provide the training facilities and hardware, you will be liable for any loss or destruction of this equipment and hardware used in connection with the Learning Services.

1.2 Client Responsibilities

You are responsible for (a) assessing each participants' suitability for the Learning Services, (b) enrollment in the appropriate course(s) and (c) your participants' attendance at scheduled courses.

1.3 Rights to Training Materials

All intellectual property including training products, materials, methodologies, software and processes, provided in connection with the Learning Services or developed during the performance of the Learning Services (collectively, the “**Training IP**”) are the sole property of Red Hat or a Red Hat Affiliate and are copyrighted by Red Hat unless otherwise indicated thereon. Training IP is provided solely for the use of the participants and may not be copied or transferred without the prior written consent of Red Hat. Training IP is Red Hat's confidential and proprietary information.

1.4 Delivery Date and Cancellation

You agree to the cancellation policies and the procedures for scheduling of Learning Services and On-Site Courses available at www.redhat.com/training/cancellation.html.

2. Training Units and Consulting Units

2.1 Training Units

“**Training Units**” are Red Hat's training credits that may be redeemed by you for any Learning Services, except eLearning, as set forth at www.redhat.com/training/corporate/volume.html and www.redhat.com/training/corporate/units_terms.html.

2.2 Consulting Units

“**Consulting Units**” are credits that may be redeemed by you for Red Hat Consulting Services under the terms, conditions and policy set forth at www.redhat.com/consulting/consultingunits/cu_terms.html. You may redeem Consulting Units with the following steps:

- Contact a Red Hat sales representative or consulting representative to request Consulting Unit redemption.
- Red Hat will submit an order form to you that will describe the scope of work to be performed and number of Consulting Units required.
- You will return the signed order form to Red Hat.
- Upon Red Hat's review and approval, Red Hat will return a copy of the signed order form to you.

2.3 Use of Training Units and Consulting Units

You must use Training Units and Consulting Units within one (1) year of the date of purchase; if unused, these Units will be forfeited. Training Units and Consulting Units: (a) are non-refundable, (b) are non-transferable, (c) may not be redeemed for cash or credit, (d) must be used as whole credits, (e) cannot be combined with any other discount, special offer or coupon and (f) can only be redeemed in the same geographic region and currency as purchased. United States Government end users (or resellers acting on behalf of the United States Government) may not purchase Training Units or Consulting Units.

3. Payment

Notwithstanding other payment terms, payment for Learning Services, Training Units and Consulting Units must be received in full prior to the delivery of the associated Learning Services or Consulting Services. Instructor travel and expenses are not included in the Fees for On-Site Courses.