PRODUCT APPENDIX 1
SOFTWARE AND SUPPORT SUBSCRIPTIONS

This Product Appendix (including the attached Exhibits) governs your use of Software Subscriptions and Support Subscriptions, including those offered or deployed on public clouds, and is subject to the Red Hat Enterprise Agreement General Terms available at http://www.redhat.com/agreements or, as applicable, another base agreement between you and Red Hat. Capitalized terms without definitions in this Product Appendix, have the meaning defined in the base agreement. In the event of a conflict between this Product Appendix and an Exhibit to this Product Appendix, the terms of the Exhibit control.

Red Hat may modify this Product Appendix by posting a revised version at http://www.redhat.com/agreements, or by providing notice using other reasonable means. If you do not agree to the revised version then, (a) the existing Product Appendix will continue to apply to Subscriptions you have purchased as of the date of the update for the remainder of the then-current Subscription term; and (b) the revised version will apply to any new purchases or renewals of Subscriptions made after the effective date of the revised version.

This Product Appendix does not apply to online service offerings managed by Red Hat or generally available open source projects such as www.wildfly.org, www.fedoraproject.org, www.openstack.redhat.com, www.centos.org, okd.io, stackrox.io, github.com/ansible/awx or other community projects unless you use the Services hereunder with such open source projects.

1. Software Subscription Terms.

1.1 Unit Definitions. Fees for Software Subscriptions are determined by counting the Units and metrics associated with the applicable Red Hat Product. Table 1.1 below defines the various Units that are used to measure your use of Subscription Services. The specific Units that apply to a Subscription are contained in the Order Form(s) applicable to your purchases and in the Exhibit(s).

Table 1.1

Unit	Unit Definitions
AI Accelerator	an acceleration processing unit (e.g. GPU or NPU) or board as set forth at https://access.redhat.com/support/policy/updates/rhaiaccelerator that contains or executes all or a portion of the Software.
Certificate	a file that identifies the holder and enables the secure exchange of information that is generated or managed by the Software.
Cluster	a group of connected computing resources or devices intended to work together.
Core	a physical processing core located in a CPU or a virtual processing core within a virtual machine or supporting a container, in each case, that contains or executes the Software.
Core Band	a group of processing Cores (e.g., 2, 4, 16 or 64).
CPU	a processing unit in a computer system.
Customer User	your and your Affiliates' third party end users with access to the Software.
Deployment	means an installation of a single instance of the Software or a single Quay Enterprise registry using a single shared data store.
Employee User	your and your Affiliates' employee users acting on your behalf (including your independent contractors and those of your Affiliates) who are able to access the Software.
Full Time Equivalent or FTE	the sum of (a) the total number of full time faculty plus one third of the part time faculty and (b) the total number of full time staff plus one half of the part time staff.
Gateway	a deployment of any gateway (including, but not limited to translation, routing, security or connectivity gateway).
Gateway Requests	the total number of interactions (including but not limited to programmatic calls, requests or other interactions) with a Gateway over a given period of time.
GB of RAM	a gigabyte of processing memory that contains or executes the Software.
GPU	a graphical processing unit that contains or executes all or a portion of the Software.
IBM Z IFL (Integrated Facility for Linux)	a mainframe CPU that is activated and contains or executes all or a portion of the Software.
Managed Node	each and every Node managed (directly or indirectly) by the Software or Online Service. "**Node**" means a Virtual Node, Physical Node, device or other instance of software.
Module	use of the Software to manage one System, Virtual Node or Physical Node.
Peripheral Board	an acceleration or expansion board with a processing unit which contains or executes all or a portion of the Software.
Physical Node	a physical system which contains or executes all or a portion of the Software including, without limitation, a server, work station, laptop, blade or other physical system, as applicable.

Power IFL (Integrated Facility for Linux) including PowerVM	a processor core on an IBM Power system that is activated and contains or executes all or a portion of the Software.
Socket	a socket occupied by a CPU.
Socket-pair	up to two Sockets.
Storage Band	an amount of Storage (measured in terabytes "**TB**" and/or petabytes "**PB**"), where "**Storage**" is the total (absolute) capacity of storage available to each instance of the Software.
System	a system which contains or executes all or a portion of the Software including, without limitation, a server, work station, laptop, virtual machine, container, blade, node, partition, appliance or engine, as applicable.
System on a Chip or SoC	a single integrated circuit that includes the major components of a computer and is generally recognized as a system on a chip.
User	an individual person that accesses or uses the Software or Service.
vCPU	a CPU, in whole or in part, which is assigned to a virtual machine or container which contains or executes all or a portion of the Software.
Virtual Node or Virtual Guest	an instance of the Software executed, in whole or in part, on a virtual machine or in a container.

1.2 Use of Subscription Services.

(a)(i) **Basis of the Fees.** While you have a Subscription entitling you to receive Subscription Services for a Red Hat Product, you are required to purchase the applicable Subscriptions in a quantity equal to the total number and capacity of Units for that Subscription from the commencement of your use or deployment of such Subscription or a part thereof. For purposes of counting Units, Units include non-Red Hat products if you are using Subscription Services to support or maintain such non-Red Hat products. The fees are for Subscription Services; there are no fees associated with the Red Hat Software licenses. An instance of a Red Hat Universal Base Image by itself (e.g., not combined or used with Red Hat Subscriptions) is not considered a Unit unless such instance receives or uses Subscription Services.

(a)(ii) **CPUs, Cores, Sockets and AI Accelerators.** For Units, and the capacities associated with Units, that are based on processors running the Software (such as Physical Nodes, Virtual Nodes, CPUs, Cores, and AI Accelerators), you are required to purchase Subscriptions that match the type of processor running such Software. For example, if you are running OpenShift AI on an AI Accelerator, you are required to purchase AI Accelerator based Subscriptions. Subscriptions that do not specify a processor type are based on x86 processors.

(b) **Supported Use Cases.** Subscription Services are only provided when the Software is used for Supported Use Cases as described in this Section 1.2 and the Exhibits to this Product Appendix. The Supported Use Cases also determine the type of Subscription that is required. Software Subscriptions are supported on x86 and ARM architectures, unless a different architecture is specified in which case only the specified architecture is supported. If your use of any aspect of the Subscription Services is contrary to or conflicts with a Supported Use Case, you are responsible for purchasing the appropriate Subscriptions to cover such usage. For example, if you are using a Red Hat Enterprise Linux Desktop Subscription on a System that is a server, you are obligated to purchase a Red Hat Enterprise Linux Server Subscription.

Table 1.2(b): Supported Use Cases

Use Case Name	Supported Use Case	Capacity Limitations and Examples
Bare Metal Node	Supported when installed and running on physical hardware utilizing x86 or ARM architectures.	As set forth in the product description and the applicable terms in Exhibit 1.B.
Edge Server	Supported only for server class hardware used for distributed computing, excluding deployments in a centralized data center, purpose built hosting facility or public cloud.	Physical and virtual server class instances, typically connected to data sources from Edge Devices and optionally connected to cloud and centralized data center resources. Server class hardware and systems with up to two (2) physical sockets.
Edge Device (formerly known as Edge Gateway or Edge Endpoint)	Supported only for distributed computing and data collection on devices close to the data source on Bare Metal Nodes (single Socket up to 32 Cores) or Virtual Nodes (up to 32 vCPUs).	Devices include hardware with single socket x86 or ARM processors with up to 32 Cores, system on a chip ("SoC") or system on a module ("SoM"). Examples include Intel NUCs with mobile or desktop class processors, and ruggedized edge computing hardware.
Edge Network	Supported only on distributed networking hardware that provides the connectivity or traffic management to and within remote locations.	Devices include switches, routers, firewalls and load balancers.

Edge Network Device	Supported only on small-factor network components that extend connectivity and are managed either locally or remotely by a controller.	Devices include wireless access points and small routers (DSL and cable modems).
Disaster Recovery	Supported only on Systems or Physical Nodes used intermittently for disaster recovery purposes such as systems receiving periodic backups of data from production servers, provided those disaster recovery systems have the same Service Levels and configurations (e.g., Socket-pairs, Virtual Guests, Cores). The Disaster Recovery Use Case does not include the execution of active workloads.	As set forth in the product description.
Backup and Archival	Supported only for Software used for backup or archival purposes.	Off-line storage devices.
Developer Support for Teams	Solely to support the Software contained in the Red Hat Developer Support for Teams Subscription for Development Use.	Not applicable.
Migration	Supported for temporary scenarios where Client is (a) transitioning from an unsupported technology to a standard Red Hat Product, or (b) upgrading from one version of a Red Hat Product to a newer version or variant of a Red Hat Product.	Not applicable.
NFV Applications	Supported only for the deployment of virtualized and containerized telecommunication services or network functions that deliver consumer services, business services, mobile services, content services, telecommunication workloads and IoT services. Use cases not supported include but are not limited to nodes running general purpose IT or Enterprise applications in central or regional data center deployments, nodes running developer features/services or application development workloads, and nodes running databases, web applications, file services or third party operators.	Not applicable.
IBM Z	Supported only on the IBM Z architecture.	Not applicable.
IBM Power	Supported only on the IBM Power architecture.	Not applicable.
Add-On Subscriptions	Supported only on active Standard and Premium level base Subscriptions (e.g., Red Hat Enterprise Linux Server and Red Hat OpenShift Container Platform) and certain developer offerings.	Not applicable.
Academic	Supported only for use by qualified academic institutions for teaching and learning purposes that consist of (a) faculty, staff, or student laptops or desktops for personal and academic use, (b) computer labs available to faculty, staff, and students for general education use, (c) classroom desktops, (d) laboratories for technical and research use and/or (e) laboratories for software development use. Qualified academic institutions must be accredited by a national accreditation agency (e.g., the United States accreditation is located at http://ope.ed.gov/accreditation/Search.aspx). **Note:** When you use Red Hat Enterprise Linux – Academic Edition for non-qualified academic purposes as described above, standard Red Hat Enterprise Linux Subscription rates apply.	Minimum of one thousand (1,000) FTEs.
High Performance Computing (HPC)	Supported only for high performance computing ("**HPC**") that consists of a 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. When Red Hat Enterprise Linux for HPC Head Nodes (an optional Software Subscription for management of compute nodes) is combined with Red Hat Enterprise Linux for HPC Compute Nodes Software Subscriptions for the compute nodes in the same Cluster, the compute node inherits the Service Level of the Head Node.	Minimum of four (4) Physical Nodes per Cluster.
Grid	Supported only in a compute Grid where a "**Grid**" means a Cluster with the following characteristics: (a) all the nodes in the Cluster have the same Red Hat Enterprise Linux configuration, (b) the Cluster is running a single application or is controlled by a single job scheduler, (c) the workloads are sent to the Cluster by a job scheduler, (d) the workloads are maintained in a single distributed application across the Cluster, (e) the workloads are non-interactive, and (f) the production outage of the Cluster is defined as 30% of the nodes in the Cluster being unable to run the workload. This Supported Use Case does not include nodes running databases, web applications, load balancing, or file services.	Minimum of fifty (50) Socket-pairs per Cluster.

(c) **Development and Production Uses.** This Section describes four types of activities (Demonstration Activities; Individual Coding and Testing Activities; Multi-User Development, Test and Integration Activities; and Deployment Activities). Those terms are defined in the

Definitions section below and each is categorized as either a Development Use or a Production Use, based on the Red Hat Product to which the activities are associated. "**Development Use**" means the activities set forth in Table 1.2(c) identified as Development Use; and also includes creating software that functions as an extension to or an integration with a Red Hat Product (e.g., OpenShift operator or Ansible integrations). "**Production Use**" means those activities identified as Production Use in the Table below and any use other than for Development Use. Development Use and Production Use are used in numerous Use Cases in the attached Exhibits to describe the type of Subscription Services available. Notwithstanding anything to the contrary, Development Use and Production Use both exclude Unauthorized Subscription Services Uses (defined in Section 1.2(g) below).

Table 1.2(c): Development and Production Use

Red Hat Product line	Development Use vs Production Use			
	Demonstration Activities	**Individual Coding and Testing Activities**	**Multi-User Development, Test and Integration Activities**	**Deployment Activities**
Red Hat Enterprise Linux and associated products (Exhibit 1.A)	Development Use	Development Use	Development Use	Production Use
All other Red Hat Subscriptions (Exhibits 1.B, 1.C, and 1.D)	Development Use	Development Use	Production Use	Production Use

(d) **Service Levels.** You agree not to request or use higher Service Levels for Software Subscriptions where you have purchased Subscriptions with lower Service Levels, and agree to purchase the highest Service Level that you use or request. For example, if a Cluster of nodes requires the highest Service Level, all of the nodes in that Cluster require the highest Service Level.

(e) **Transferring Subscriptions.** You may reallocate Subscriptions within or between Affiliates operating under the Agreement provided you are accountable for the number and types of Units.

(f) **Scope of Use of Subscription Services.** The Agreement (including pricing) is premised on the understanding that you will access Subscription Services only for your internal use (which may include Affiliates other than any entities in Russia, Belarus or jurisdictions prohibited under United States law) and you agree not to access Subscription Services for any other purpose. Your internal use of Subscription Services may include running a web site, offering your own software as a service or integrating AI functionality into your application which is accessible by your users, provided that (i) such use does not include a distribution, sale or resale of any of the Subscription Services, (ii) the primary purpose of such use is to provide a material value added application other than the Subscription Services, (iii) the Subscription Services are supporting Software installed on hardware or cloud instances controlled by you, and (iv) all Subscription Services provided by Red Hat will be provided solely to you or third parties acting on your behalf (such as contractors, subcontractors, or outsourcing vendors) and not to your hosted customers. You agree not to provide Subscription Services to, or use them for the benefit of, a third party (such as, using Subscription Services to provide hosting services, managed services, or Internet service provider (ISP) services). Subscription Services may be used by third parties acting on your behalf, such as contractors or outsourcing vendors, provided you (i) are fully responsible for the activities and omissions of the third parties acting on your behalf and (ii) in the case of a migration to a third party cloud or hosting provider, are qualified for and comply with the terms of the Red Hat Cloud Access program as set forth in Section 3 below. As described further in Section 1.4, the limitations in this Section apply only to Red Hat's obligations to provide Subscription Services and not to your rights under free and open source software licenses.

(g) **Unauthorized Use of Subscription Services.** You agree not to engage in any unauthorized use of the Subscription Services, which includes: (i) only purchasing or renewing Subscriptions based on less than the total number of Units, (ii) splitting or applying Subscription Services purchased for one Unit to two or more Units, (iii) providing Subscription Services (in whole or in part) to third parties, (iv) using Subscription Services in connection with any redistribution of Software or (v) using Subscription Services to support or maintain any non-Red Hat Software without purchasing the appropriate quantity of Subscriptions (collectively, "**Unauthorized Subscription Services Use**").

1.3 Subscription Start Date. Unless otherwise agreed in an Order Form, Subscriptions will begin on the earlier of the date you purchase or first use the Subscription.

1.4 End User and Free and Open Source Software License Agreements. The Red Hat Software is governed by the perpetual End User and Free and Open Source License Agreements set forth at https://www.redhat.com/en/about/eulas. Subscription Services are term-based and will expire if not renewed. Nothing in this Agreement is intended to limit your rights to software code under the terms of a free and open source software license, including your rights to use, copy, modify and distribute Software in accordance with such licenses. Engaging in Unauthorized Subscription Services Use is a breach of this Agreement but does not affect your rights under the free and open source software licenses that govern the Software. Upon termination or expiration of this Agreement, you will no longer have access to future Software Maintenance and other Subscription Services, but you will continue to have all of your rights under the free and open source software licenses.

1.5 Red Hat Subscription Bundles. Red Hat offers combinations of Subscriptions with complementary feature sets and price discounts ("**Bundle**"). The basis of the fees for these Bundles is the combined use of such Subscriptions on a single Unit. When any of the Subscriptions are used independently from the Bundle, the fees for such independent usage will be Red Hat's standard fees associated with the Unit for the particular Subscription.

1.6 Usage Related Information. The Subscription Services may collect and transmit usage information ("**Usage Data**"). Usage Data may be used for the purposes of providing support and upgrades, optimizing performance or configuration, minimizing service impacts, identifying and remediating threats, troubleshooting, improving the offerings and user experience, responding to issues, and usage and billing. Red Hat may use third parties to assist in the collection and processing of Usage Data. Additional details related to the types of

Usage Data collected and, if available, the methods by which you may opt out of such collection are provided in the specific Red Hat Product documentation.

1.7 Policy Assessment Features. Some Red Hat Products may provide features or tools to assist with the validation, remediation, and maintenance of your internal policies or third party standards. Red Hat makes no representations for compliance or certification with your internal policies or any third party standards or regulations.

1.8 AI Technology. Certain Red Hat Products may provide an option for you to input questions or prompts into an interface (e.g., chat interface or code editor) ("**Input**"). The Input is passed to a large language model ("**LLM**") that provides responses or suggestions ("**Output**"). The Output may require you to make additional modifications to be useful. It is your responsibility to determine if any Output is accurate or appropriate for your use. Red Hat does not claim any intellectual property rights with respect to Input or Output. Your use of Output is at your discretion and Red Hat makes no warranties or guarantees with respect to Output. You are responsible for ensuring your use of any LLM or other AI model complies with any applicable laws and regulations.

1.8.1 AI Assistant. Certain Red Hat Products may include optional features that use an LLM to assist you with guidance, advice, and information regarding Red Hat Products ("**AI Assistant**"). AI Assistants are not intended to process personal information, and you agree to not include any personal information in the Input. AI Assistants use an LLM which may be provided by Red Hat or a third party, or hosted by you.

1.8.2 AI Platforms. Certain Red Hat Products (such as RHEL AI) contain AI tools and models that allow you to train, fine-tune, deploy, and manage AI models on-premise or in an environment you control ("**AI Platform**").

1.8.3 Third Party Models. AI Platforms and AI Assistants may enable the use of third party LLMs or other AI models that you obtain separately or from a Red Hat hosted repository ("**Third Party Models**"). Third Party Models are subject to and governed by terms provided by the third party. Red Hat may optimize certain Third Party Models for use with Red Hat Products. Third Party Models are not Red Hat branded models and no other support will be provided.

1.9 Third Party Offerings. In connection with the Software Subscriptions, Red Hat may make available or you may use third party software, services, data, models or operators to enable the software or services of third parties ("**Third Party Offerings**"). Third Party Offerings are governed by the terms provided by the third parties. Red Hat and its licensors and vendors have no obligations or liability with respect to such third party or the Third Party Offerings. Third Party Offerings are not Red Hat Products.

2. Support Terms

2.1 Previews and Evaluations. Red Hat may offer Preview or Evaluation Subscriptions for trial or evaluation purposes only, including offerings or features described as evaluation, trial, preview or beta. Preview or Evaluation Subscriptions are not for Production Use or Development Use and may be provided with limited or no Support and subject to other limitations. Red Hat may change or remove Preview or Evaluation Subscription offerings at any time, which may result in data loss, service unavailability, and deletion or re-provisioning of software.

2.2 Promotional Units. Red Hat may provide Client with a limited number of promotional Software Subscriptions identified as "Promotional" in an ordering document for a single term ("**Promotional Units**"). Promotional Units are not renewable or extendable. During the term of the Promotional Units and upon expiration, Client may purchase additional Units of Software Subscriptions at Red Hat's standard per Unit pricing upon mutual agreement.

2.3 Developer Subscriptions. Red Hat may offer Subscriptions for Development Use as set forth in Section 1.2 above. Developer Subscriptions may be provided with limited or no Support and/or subject to other limitations. Developer Subscriptions are intended only for Development Use and you agree not to access these Subscription Services for Production Use or any other purpose.

2.3.1 Red Hat Developer Subscription for Teams. Red Hat Developer Subscription for Teams provides access to numerous Red Hat Enterprise Linux and associated Add-On Subscriptions (excluding Red Hat OpenShift Container Platform), on a self-supported basis only for Development Use and you agree not to access these Subscriptions Services for any other purpose. You may purchase Support Add-On Subscriptions for certain Subscriptions contained in Red Hat Developer Subscription for Teams. If you provide Red Hat with personal information in the form of a list(s) to create accounts on a batch or bulk basis, you represent to Red Hat that you have the required consents of the individuals on such lists to be added to the appropriate Red Hat systems.

2.4 Support from a Business Partner. If you purchase Subscriptions that include support provided by an authorized Red Hat Business Partner (not by Red Hat) then Section 2.5 does not apply to you and you should work with your Business Partner to obtain support services. Section 2.5 only applies if you have purchased Subscriptions with Support provided by Red Hat.

2.5 Support from Red Hat.

2.5.1 Development Support. Certain Subscriptions include Development Support. "**Development Support**" consists of assistance with architecture, design, development, prototyping, installation, usage, problem diagnosis and bug fixes with respect to the specified Software, in each case, for Development Use. Requests for deployment and maintenance assistance and/or assistance for Production Use are not included within the scope of Development Support, but may be available on a consulting basis under the terms of a separate agreement.

2.5.2 Production Support. Certain Subscriptions include Production Support. "**Production Support**" consists of assistance with installation, application testing, usage, problem diagnosis and bug fixes with respect to the specified Software, in each case, for Production Use. Production Support does not include assistance with (i) code development, system design, network design, architectural design, optimizations, tuning recommendations, development or implementation of security rules or policies, (ii) third party software made available

with Red Hat Software, (iii) software on the supplementary, optional or Extra Packages for Enterprise Linux ("**EPEL**") channels or (iv) preview technologies.

2.5.3 Support Coverage. Support is provided in the English language but may be available in other languages based on available resources. Red Hat does not provide support for (a) any underlying infrastructure, any third party products, or any upstream open source community projects including those that are the basis of a Red Hat Product; (b) Software that (i) you (or a third party) have modified or recompiled, (ii) is running on hardware or platforms that are not Supported Configurations or (iii) is not running in its Supported Use Case; (c) any work performed under a separate professional services engagement; (d) individuals who are not your Support Contacts; and (e) Subscriptions running in excess of the number of Units you have purchased or outside the applicable Use Case. You are responsible for testing the Software before deploying it in your environment, backing up your systems on a regular basis and having those backups available if needed for support purposes. Except as otherwise expressly stated, Support does not include data migration or data recovery support. Unless otherwise agreed in writing, Support does not include remote access by Red Hat personnel to your network and/or systems.

2.5.4 Support for AI Platforms and AI Assistants. Support for AI Platforms and AI Assistants is only provided for the components that are included in a Red Hat Product and when running on a supported environment. Consistent with Red Hat's third party support policy, Red Hat may, at its discretion, assist with your use of third party components including Third Party Models, but any issues such as bug fixes or updates for those third party components or Third Party Models are the responsibility of the third party. Support will not be provided for any Input, Output or content provided by Client.

2.5.5 Service Level Guidelines. Red Hat will use commercially reasonable efforts to provide Support at one or more of the following levels of support, depending on the Red Hat Product: Self-support (limited offering), Standard or Premium, as set forth at https://access.redhat.com/support/offerings/production/sla ("**Service Levels**").

2.5.6 Obtaining Support. To receive Support, you must provide Red Hat with sufficient information to validate your entitlement to the relevant Support. Certain Support is provided only during Red Hat's local Standard Business Hours. You may contact Red Hat through your designated Support Contacts. You may designate up to the number of contacts described at https://access.redhat.com/support/offerings/production/contacts.

2.6 Software Lifecycle. During the life cycle of Software, the scope of Software Maintenance and Support evolves and, after a period of time, we discontinue Software Maintenance and Support for older versions of Software. The life cycle for Software Maintenance and Support is described at https://access.redhat.com/support/policy/update_policies and in applicable Exhibits. For certain versions of Software, you may purchase Extended Update Support ("**EUS**"), Extended Life Cycle Support ("**ELS**") or ELS Long Life Add-On Subscription(s) to extend your Subscription Services as further described at https://access.redhat.com/product-life-cycles/update_policies. ELS Long Life Add-On Subscriptions have reduced scope and specific fixed start and end dates for specific versions of Software. If you purchase EUS (excluding Red Hat Enterprise Linux EUS Subscriptions), ELS and ELS Long Life Add-On Subscriptions that Support certain versions of Software, you are required to purchase such Subscriptions in a quantity equal to the total number and capacity of every Unit running such versions of Software.

3. Cloud Access: Deploying Subscriptions in a Public Cloud

3.1 Enabling Eligible Subscriptions for use in a Public Cloud. You may deploy Subscriptions in a Vendor's Cloud under the Cloud Access program if you have purchased a sufficient number of Units, provided the Subscriptions do not have Units that are solely based on physical attributes as further described at the Red Hat Subscription Management Customer Portal (https://access.redhat.com/management/cloud). The deployment of Subscriptions for use in a Vendor's Cloud does not change the start date or the duration of the original Subscriptions. This means that when your Subscription expires, your access to the Subscription Services will cease, unless renewed.

3.2 Cloud Usage Reporting. You consent to a Vendor reporting to Red Hat your usage of Subscriptions in the Vendor's Cloud.

3.3 Public Cloud Terms of Service. Through the Cloud Access program, you may obtain access to Software images and/or updates to the Software, if and when available, either (a) via new images obtained from the Vendor's Cloud or (b) from a Red Hat Portal. Certain information (such as Software related notices) may only be available to you via the Red Hat Portal. Payments to Red Hat for Subscriptions do not include any fees that may be due to the Vendor for the Vendor's Cloud services. Red Hat is not a party to your agreement with the Vendor and is not responsible for providing access to the Vendor's Cloud or performing any other obligations of the Vendor. The Vendor is solely responsible and liable for the Vendor's Cloud. Red Hat may have a support relationship with the Vendor that enables Red Hat and the Vendor to collaborate and you consent to Red Hat and the Vendor sharing information for the purpose of providing Subscription Services. Red Hat will provide Support to you for each Eligible Subscription pursuant to this Agreement. Certain software components or functionality may not be available or supported when used in the Vendor's Cloud.

3.4 Vendor Specific Services. Vendors may offer other services, offerings or commitments related to their Clouds, which may include the provision of services by US only personnel, compliance with various legal regimes or other Vendor Cloud specific obligations and do not apply to Subscriptions. As between Red Hat and you, you are solely responsible for complying with any applicable export laws or regulations related to your use of the Subscriptions and you agree not to transmit information, data or technology governed by the International Traffic in Arms Regulations to Red Hat.

3.5 Vendor Termination. Red Hat may terminate the availability of a particular Vendor that offers Cloud Access with sixty (60) day notice, provided you may continue to use any Subscriptions for the remainder of the term on another Vendor's Cloud or on your premises under the terms of this Agreement.

4. Definitions

"**Add-On Subscriptions**" are optional layered Subscriptions that may be purchased in addition to an underlying base Subscription (e.g. a Red Hat Enterprise Linux or Red Hat OpenShift Container Platform Subscription).
"**Cloud**" means a Vendor's hosted computing infrastructure that provides systems, virtual machines or container hosts to end users.
"**Cloud Access**" is the Red Hat program when using Eligible Subscriptions in a Vendor's Cloud.
"**Demonstration Activities**" means deploying some or all of the Software with other software or hardware solely for the purpose of illustrating its capabilities excluding use in staging and acceptance testing environments and revenue generating deployments such as paid proof of concepts.
"**Deployment Activities**" means using the Software (a) in a production environment, (b) with live data and/or applications for any reason except Development Use and/or (c) for backup instances, whether cold or hot backup.
"**Eligible Subscriptions**" means certain Subscriptions that meet the criteria for Cloud Access set forth at www.redhat.com/solutions/cloud/access.
"**Evaluation Subscriptions**" and/or "**Preview Subscriptions**" means Subscriptions offered without charge solely for evaluation and not for Production Use or Development Use, including offerings described as evaluation, trial, preview or beta.
"**Individual Coding and Testing Activities**" means an individual working independently (with their own installation of Software) to develop other software and/or perform prototyping or quality assurance testing, excluding any form of automated testing, multi-user testing and/or multi-client testing.
"**Multi-User Development, Test and Integration Activities**" means deploying Software components, container images or products packaged as container images, solely for the purposes of multi-user software development, build, continuous integration environment and testing, including automated testing, multi-user testing and/or multi-client testing of such Software.
"**Red Hat Portal**" means a Red Hat hosted delivery portal, such as Red Hat Customer Portal, Red Hat Container Registry, cloud.redhat.com and/or Red Hat Update Infrastructure ("**RHUI**") that provides access to Software and Subscription Services.
"**Red Hat Products**" means Software, Services, and other Red Hat branded offerings made available by Red Hat.
"**Red Hat Universal Base Image(s)**" means a certain subset of Red Hat Enterprise Linux user space (non-kernel) software components and supporting container software provided by Red Hat via Red Hat Universal Base Image repositories.
"**Service Levels**" are defined in Section 2.5.5 above.
"**Software**" means Red Hat branded software that is included in a Software Subscription offering.
"**Software Maintenance**" means access to updates, upgrades, corrections, security advisories and bug fixes for Software, if and when available.
"**Software Subscription**" means a Subscription that contains Subscription Services for Software, including access to a Red Hat Portal to obtain the applicable Software, Software Maintenance and Support.
"**Standard Business Hours**" are listed at https://access.redhat.com/support/contact/technicalSupport.
"**Subscription**" means a time bound Red Hat Product offering. For the purposes of this Product Appendix it refers to Software Subscriptions and Support Subscriptions, as applicable, and may also be referred to as Red Hat Products.
"**Subscription Services**" means services provided in a Subscription which may include access to a Red Hat Portal, Software Maintenance, Support and any other Red Hat services associated with and during the term of a Subscription.
"**Support**" means Red Hat technical support for issues relating to Software as described in this Product Appendix.
"**Supported Configuration(s)**" means the supported Red Hat Product hardware and platform configurations that are listed at https://access.redhat.com/supported-configurations.
"**Support Contact(s)**" is a person authorized by you to open support requests and/or contact Red Hat support personnel.
"**Support Subscription**" means a Subscription that contains a specialized Support offering that is supplemental to Support provided in Software Subscriptions.
"**Supported Use Case(s)**" means the manner and/or environment in which a particular Subscription(s) is used and supported as further defined in this Product Appendix or an applicable Exhibit.
"**Vendor**" means the Red Hat authorized third party from whom you purchase Cloud services and who is authorized by Red Hat to participate in the Cloud Access program.

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

This Exhibit 1.A. to Product Appendix 1 governs your use of the Subscriptions described below.

1. Unit of Measure and Purchasing Requirements for Red Hat Enterprise Linux Server, Red Hat Virtualization and Red Hat OpenStack Platform

Table 1 sets forth the Units of measure, capacity limitations and Supported Use Cases for various Red Hat Enterprise Linux, Red Hat Virtualization and Red Hat OpenStack Platform Software Subscriptions.

Table 1

Red Hat Product	Unit of Measure	Capacity		Supported Use Case
		Socket(s) or SoC(s)	Virtual Nodes	
Red Hat Enterprise Linux Server (Physical or Virtual Nodes)	Physical Node or Virtual Nodes	Socket-pair for each Physical Node or 2 Virtual Nodes		Supported only for server computing on Supported Configurations, including delivery of services to other logical or physical client or server systems and the execution of multi-user applications, including an entitlement to certain Ansible components to enable Ansible playbooks, roles or modules that are included with or generated by certain Red Hat Products, (e.g. Red Hat Enterprise Linux System Roles, or remediation playbooks generated by Red Hat Insights) (collectively the "**RHEL Use Case**"). Any use of Ansible components other than the RHEL Use Case requires the purchase of Ansible Automation Platform Subscriptions.
Red Hat Enterprise Linux for SAP Solutions				RHEL Use Case and supported only on Supported Configurations certified by SAP solely to run SAP's HANA platform, S4 HANA or NetWeaver products ("**SAP Use Case**").
Red Hat Enterprise Linux for Distributed Computing, Edge Server				Edge Supported Use Case (Section 1.2 (b) above) RHEL Use Case
Red Hat Enterprise Linux for Third Party Migration				Supported only for the number of Units migrated from third party software at the time of the original purchase and does not support Add-On Subscriptions. RHEL Use Case
Red Hat Enterprise Linux for Distributed Computing, Endpoint	Physical Node or Virtual Nodes	Single Socket for each Physical Node or 2 Virtual Nodes		Edge Device Supported Use Case (Section 1.2 (b) above) RHEL Use Case
Red Hat Enterprise Linux for Distributed Computing, Gateway				Edge Device Use Case (Section 1.2 (b) above) RHEL Use Case
Red Hat Enterprise Linux for Virtual Datacenters (See Note 1 below)	Physical Node	Socket-pair	Unlimited Virtual Nodes running on a Socket-pair	RHEL Use Case
Red Hat Enterprise Linux for Virtual Datacenters for SAP Solutions (see Note 1 below)				RHEL Use Case SAP Use Case
Red Hat Enterprise Linux for ARM based NVidia smart NIC	Physical Node	Peripheral Board	N/A	RHEL Use Case running on ARM based peripheral boards.
Red Hat OpenStack Platform	Physical Node	Socket-pair	Unlimited Virtual Nodes running on a Socket-pair	Red Hat Enterprise Linux provided with this Subscription is supported solely on the x86 architecture when used as the host operating system for running Red Hat OpenStack Platform or when used as the guest operating system with virtual

				machines created and managed with Red Hat OpenStack Platform. Red Hat Enterprise Linux is currently the only supported operating system for Red Hat OpenStack Platform. Red Hat OpenStack Service Telemetry Framework is included and consists of Red Hat AMQ and Red Hat OpenShift Container Platform, and is only supported when used to monitor and manage virtual machines created with Red Hat OpenStack Platform (collectively the "**OSP Use Case**"). RHEL Use Case
Red Hat OpenStack Platform for Bare Metal Managed Nodes	Physical Node	Socket-pair	None	OSP Use Case RHEL Use Case
Red Hat OpenStack Platform Control Plane on Red Hat OpenShift Red Hat OpenStack Services on OpenShift	Physical Node	Socket-pair	Unlimited Virtual Nodes running on a Socket-pair	Supported only for workloads running OpenStack Platform Control Plane on Red Hat OpenShift Container Platform. OSP Use Case OCP Use Case
Red Hat Enterprise Linux for Real Time	Physical Node	Socket-pair	N/A	Red Hat Enterprise Linux for Real Time is only supported for running applications that have been documented on Red Hat's Certification or Support web sites to be compatible with the Red Hat Enterprise Linux Real Time kernels. RHEL Use Case
Red Hat Virtualization				Supported on physical hardware solely to support virtual guests. Red Hat Virtualization is designed to run and manage virtual instances and does not support user-space applications. Red Hat Virtualization may be used as a virtual desktop infrastructure solution, however, the Subscription does not come with software or support for the desktop operating system. You must purchase the operating system for each instance of a desktop or server separately. Red Hat Virtualization Manager, a component of Red Hat Virtualization, includes a subscription for Red Hat Enterprise Linux for the purposes of running Red Hat Virtualization Manager. Red Hat Virtualization includes Red Hat JBoss Enterprise Application Platform solely supported to run certain utilities in Red Hat Virtualization. RHEL Use Case
Red Hat Enterprise Linux for ARM				RHEL Use Case running on ARM based systems.
Red Hat Enterprise Linux for Power	Physical Node or Virtual Nodes	Up to 4 processor cores or Socket-pair	N/A	RHEL Use Case running on a Power based system.
Red Hat Enterprise Linux for SAP Solutions for Power				RHEL Use Case and SAP Use Case running on a Power based system.
Red Hat OpenStack Platform for IBM Power	Physical Node	Socket-pair	N/A	RHEL Use Case and OSP Use Case running on Power based systems.
Red Hat Enterprise Linux for IBM Z	IBM Z IFL	N/A	N/A	RHEL Use Case running on IBM Z.
Red Hat Enterprise Linux for IBM Z and LinuxONE with Comprehensive Add-Ons				
Red Hat Enterprise Linux for SAP Applications for IBM Z and LinuxONE with Comprehensive Add-Ons	IBM Z IFL	N/A	N/A	RHEL Use Case and SAP Use Case running on IBM Z.

Red Hat Enterprise Linux Academic Site Subscription	Full Time Equivalent (FTE)	1-2 Sockets	1 Virtual Guest	Red Hat Enterprise Linux and Red Hat OpenStack Platform as part of this Subscription are only supported for use by qualified academic institutions ("**Academic Use Case**"). Qualified academic institutions must (a) be accredited by a national accreditation agency (e.g. the United States accreditation is located at http://ope.ed.gov/accreditation/Search.aspx) and (b) have at least one thousand (1,000) FTEs. RHEL Use Case
Red Hat Infrastructure for Academic Institutions - Site Subscription				Academic Use Case
Red Hat Enterprise Linux Workstation	System	2 CPU Unlimited RAM	1 Virtual Guest or 4 Virtual Guests	Supported only on 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. Each Red Hat Enterprise Linux Workstation Subscription includes one Satellite Module to be used solely with a single Red Hat Enterprise Linux Workstation System.
Red Hat Enterprise Linux Desktop	System	1 CPU Up to 8GB RAM	1 Virtual Guest	Supported only on 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. Red Hat Enterprise Linux Desktop does not include support for open source server applications (e.g., Apache, Samba, or NFS), testing and development purposes or to share data with peers. Each Red Hat Enterprise Linux Desktop Subscription includes one Satellite Module, each to be used solely with a single Red Hat Enterprise Linux Desktop System.
Red Hat Enterprise Linux for PRIMEQUEST	Physical Node	1-2 Sockets, 9 Logical Partitions 4 Sockets, 10 Logical Partitions 6 Sockets, 11 Logical Partitions or 8 Sockets, 12 Logical Partitions		RHEL Use Case running on Fujitsu PRIMEQUEST systems.
Red Hat Enterprise Linux Server Entry Level	Physical Node	Socket-pair	None	RHEL Use Case

Note 1: Red Hat Enterprise Linux for Virtual Datacenters Subscriptions do not include an entitlement for the host operating system.
Note 2: When Red Hat Enterprise Linux is used as a Virtual Guest, Virtual Guests may be pooled or shared on any other System that has a Subscription with the same (a) Service Level (Standard or Premium) and (b) number of Virtual Guests (1, 4 or unlimited Virtual Guests), provided that you do not exceed the total number of Virtual Guests associated with the underlying Subscriptions.

2. Additional Terms for Red Hat Enterprise Linux Server and associated Add-On Subscriptions

2.1 Red Hat Enterprise Linux Desktop and Workstation Subscriptions
Production Support for Red Hat Enterprise Linux Desktop is limited to Support Contacts that are helpdesk support personnel and not end users.

2.2 Your Content. Certain versions of Red Hat Enterprise Linux include tools with optional features that allow you to upload your content to build container-based applications or manage and deploy your content on your devices. By using any of these features, you agree: (a) to provide Red Hat with the rights required to host, build and, at your direction, deploy the content to your devices, (b) that you are entirely responsible for owning, acquiring and maintaining such rights and (c) any and all deployments are to your or your Affiliates' devices and not to any third party.

2.3 Red Hat Enterprise Linux and Red Hat OpenStack Platform ELS Subscriptions

(a) **Limited Maintenance and Production Support.** Red Hat Enterprise Linux and/or Red Hat OpenStack Platform ELS Add-on Subscriptions entitle you to receive Software Maintenance and Production Support for Severity 1 and 2 problems on x86 architectures and IBM z systems, but only for a limited set of software components listed at https://access.redhat.com/articles/4997301. Red Hat Enterprise Linux and/or Red Hat OpenStack Platform ELS Software Maintenance is limited to those Software updates that Red Hat considers, in the exercise of

its sole judgment, to be (a) critical impact security fixes independent of customer support requests and (b) selected urgent priority defect fixes that are available and qualified for a subset of the packages in specific major releases of Red Hat Enterprise Linux and/or Red Hat OpenStack Platform beyond the end of its regular production cycles. The ELS streams will be maintained for an additional period of time immediately after the end-date of the regular production cycles of the relevant release as set forth at https://access.redhat.com/support/policy/updates/errata/. Red Hat will only support the last minor release of both Red Hat Enterprise Linux and Red Hat OpenStack Platform and will not make functional enhancements to versions of either Red Hat Enterprise Linux or Red Hat OpenStack Platform during the ELS cycle.

(b) **Red Hat Enterprise Linux ELS Unsupported Components.** Red Hat Enterprise Linux ELS does not support the following (in addition to those noted in Section 2.3(a) above): (a) desktop applications, (b) Red Hat Cluster Suite, (c) content from the Extras channel ("Extras" is a set of content with a shorter life cycle) and (d) independently layered or Add-On Subscriptions such as Directory Server, Red Hat Satellite, or Scalable File System. Red Hat reserves the right to exclude additional packages.

(c) **Red Hat Enterprise Linux ELS Content Delivery.** Red Hat Enterprise Linux ELS Software Maintenance is delivered through separate Red Hat Portal base channels for the specific release and corresponding child channels if applicable. You must install a modified redhat-release package downloaded from Red Hat Portal to subscribe a Unit to a Red Hat Enterprise Linux ELS channel.

3. Red Hat Enterprise Linux Developer Suite

Red Hat Enterprise Linux Developer Suite provides an open source development environment that consists of Red Hat Enterprise Linux with built-in development tools, certain Red Hat Enterprise Linux Add-On Subscriptions, Red Hat Enterprise Linux for Real Time, Satellite and access to Software Maintenance, but no Support. If you use any of the Subscription Services associated with Red Hat Enterprise Linux Developer Suite for Production Use, you agree to purchase the applicable number of Units.

4. Red Hat Enterprise Linux Developer Workstation and Red Hat Enterprise Linux Developer Support Subscriptions

For each paid, active Red Hat Enterprise Developer Workstation and/or Red Hat Enterprise Linux Developer Support Subscription, Red Hat will provide you with (a) access to the supported versions of Red Hat Enterprise Linux and updates through a Red Hat Portal; and (b) assistance for: (i) installation, usage and configuration support, diagnosis of issues, and bug fixes for Red Hat Enterprise Linux, but only for issues related to your use of Red Hat Enterprise Linux for Development Use and (ii) advice concerning application architecture, application design, industry practices, tuning and application porting.

The Red Hat Enterprise Linux Developer Workstation and Red Hat Enterprise Linux Developer Support Subscriptions do not include support for (a) modified software packages, (b) wholesale application debugging or (c) software included in the Red Hat Extras repository, supplementary channels, preview technologies or software obtained from community sites.

4.1 Red Hat Enterprise Linux Developer Support Subscription Levels. You may purchase Professional (two (2) business day response time) or Enterprise (four (4) Standard Business Hours response time) with web and phone support for an unlimited number of requests for Red Hat Enterprise Developer Workstation (one (1) System) and/or Red Hat Enterprise Developer Support Subscriptions (twenty-five (25) Systems).

5. Red Hat Enterprise Linux AI and Red Hat AI Inference Server Software Subscriptions

Red Hat Enterprise Linux AI includes the following Red Hat branded AI models: Red Hat Starter Model based on Granite, Red Hat Instruct Model based on Granite, and Red Hat Teacher Model based on Mixtral Instruct and LoRa. Table 5 sets forth the Unit of measure and Supported Use Cases for Red Hat Enterprise Linux AI and Red Hat AI Inference Server. You must purchase the appropriate number and type of these Subscriptions based on the Unit and other parameters described in Table 5 below. Red Hat Enterprise Linux AI includes AI models that are large data files and not compiled software in source and binary formats. Each Red Hat AI Inference Server Software Subscription includes two AI Accelerator entitlements: one to deploy Red Hat AI Inference Server and one solely for deployment of a Red Hat AI Inference Server on a Red Hat OpenShift platform. Any additional deployments of Red Hat AI Inference Server or any other application or GPU-based workload on the Red Hat OpenShift Platform require additional purchases of Red Hat AI Accelerator entitlements.

Table 5

Red Hat Product	Unit	Capacity	Supported Use Case
Red Hat Enterprise Linux AI	Physical Node or Virtual Node	One (1) AI Accelerator	Supported only when running on Red Hat Enterprise Linux for the purpose of deploying or using (a) the Red Hat Starter Model and Red Hat Instruct Model as a foundational LLM, (b) the Red Hat Teacher Model to train the Starter Model, and (c) the Red Hat Teacher Model to critique and filter the Output. Support will not be provided for any Input, Output, or content provided by Client. The Red Hat Enterprise Linux that is included in RHEL AI will only be supported for the deployment or use of the components included in RHEL AI and subject to the RHEL Use Case.
Red Hat AI Inference Server	AI Accelerator		Supported only when running on Supported Configurations as set forth at https://docs.redhat.com/en/documentation/red_hat_ai_inference_server/3.0/html-single/supported_product_and_hardware_configurations/index for the purpose of deploying or using LLMs and other supporting models. Support will not be provided for any Input, Output, third party models or content provided by Client.

6. Red Hat Directory Server Software Subscriptions

Table 6 sets forth the Unit of measure and Supported Use Cases for Red Hat Directory Server. You must purchase the appropriate number and type of these Subscriptions based on the Unit and other parameters described in Table 6 below. The Service Level for Directory Server is determined by the Service Level of the underlying Red Hat Enterprise Linux Subscription for the Physical Node or Virtual Node running Directory Server (for example, if the Service Level for the underlying Red Hat Enterprise Linux Software Subscription is Premium, then Directory Server would receive Premium level support).

Table 6

Red Hat Product	Unit	Supported Use Case
Red Hat Directory Server	Physical Node or Virtual Node	Supported on server-based Red Hat Enterprise Linux Subscriptions (not Red Hat Enterprise Linux Desktop, Red Hat Enterprise Linux for HPC or Red Hat Enterprise Linux Workstation Subscriptions). A Replica Red Hat Directory Server is only supported with an active Subscription for a Primary Red Hat Directory Server. "**Replica**" means a second instance of a Directory Server configured as a subordinate to the first instance of Directory Server. Red Hat Enterprise Linux Server is supported solely for the purpose of running Red Hat Directory Server Software. "**Primary**" means the authoritative Red Hat Directory Server from which Replica Red Hat Directory Servers derive Red Hat Directory Server information.

7. Red Hat Certificate System Software Subscriptions

Table 7 sets forth the Unit of measure and Supported Use Cases for Red Hat Certificate System. You must purchase the appropriate number and type of these Subscriptions based on the Unit and other parameters described in Table 7 below. The Service Level for Certificate System is determined by the Service Level of the underlying Red Hat Enterprise Linux Subscription for the Physical Node running Certificate System (for example, if the Service Level for the underlying Red Hat Enterprise Linux Software Subscription is Premium, then Certificate System would receive Premium level support).

Table 7

Red Hat Product	Unit	Supported Use Case
Red Hat Certificate System	Certificate	Supported on server-based Red Hat Enterprise Linux Subscriptions (not Red Hat Enterprise Linux Desktop, Red Hat Enterprise Linux for HPC or Red Hat Enterprise Linux Workstation Subscriptions). Certificate System includes Directory Server only to run and support Certificate System.

EXHIBIT 1.B
RED HAT APPLICATION SERVICES, RED HAT OPENSHIFT CONTAINER PLATFORM, AND RELATED SOFTWARE SUBSCRIPTIONS

This Exhibit 1.B. to Product Appendix 1 governs your use of the Red Hat Application Services (formerly known as Red Hat JBoss Middleware), Red Hat OpenShift Container Platform, Red Hat Storage Services and Red Hat Quay product lines.

1. Unit of Measure and Purchasing Requirements for Red Hat Application Services Subscriptions.
Table 1 sets forth the Units of measure and Supported Use Cases for various Red Hat Application Services Subscriptions.

1.1 Supported Application Services. Using Red Hat Application Services Subscription Services to support software obtained from community sites without purchasing a corresponding Subscription for such community software is a material breach of the Agreement.

1.2 Red Hat JBoss Core Services Collection. "**Red Hat JBoss Core Services Collection**" is a collection of components that provide common functionality (such as monitoring and management, load balancing, process control and single sign-on) across a majority of the Red Hat Application Services portfolio and is subject to the following terms:

(a) You will receive entitlements for Red Hat JBoss Core Services Collection in a quantity equal to the number of Cores of Red Hat Application Services Subscriptions you purchased (where the Unit is a Core).

(b) You will receive entitlements to Red Hat JBoss Core Services Collection equal to sixteen (16) Cores for each Red Hat Application Services Subscriptions you purchase on a per socket-pair basis.

(c) Red Hat JBoss Web Server does not include Red Hat JBoss Core Services Collection.

1.3 Red Hat Application Services for Hybrid Deployments. Subscriptions in Table 1 include access to the Red Hat Application Services Software enabled for and supported on Red Hat OpenShift Container Platform for both private cloud and public cloud deployment platforms.

Table 1

Red Hat Product (Note 1 below)	Unit of Measure	Supported Use Case
Red Hat Application Foundations	Core Band	Supported on Supported Configurations.
Red Hat JBoss Enterprise Application Platform		
Red Hat JBoss Web Server		
Red Hat Runtimes		
Red Hat Data Grid		
Red Hat Fuse		
Red Hat AMQ		
Red Hat Process Automation Manager (formerly Red Hat JBoss BPM Suite)		
Red Hat Decision Manager (formerly Red Hat JBoss BRMS)		
Red Hat JBoss Application Services Extended Life Cycle Support Add On		
Red Hat Service Interconnect		
Red Hat Integration (Note 2)		
Red Hat Runtimes (Note 2)		
Red Hat Single Sign-On, Extended Lifecycle Support Add-On for Red Hat Runtimes		
Red Hat Process Automation (Note 2)		
Red Hat 3Scale API Management Platform		Supported (a) when used on a server, (b) on Supported Configurations, and (c) when used for the purpose of API Management.
Red Hat build of OpenJDK for Servers (Note 3)		Supported for use on Windows Server versions as set forth in the Supported Configurations.
Red Hat build of Quarkus		Supported on the environments set forth at: https://access.redhat.com/articles/4966181.
Red Hat build of OpenJDK for Workstations (Note 3)	Physical Node or Virtual Node	This product is supported for use on supported Windows Desktop versions as set forth in the Supported Configurations. This product

		is not supported for the deployment of Java based servers or use on Windows Server distributions.
Red Hat Application Foundations for OpenShift Clusters	Cluster (Core or vCPU Bands for virtualized deployments)	Supported on Supported Configurations.
	Cluster (Socket-Pair for Bare Metal deployments)	
Red Hat Connectivity Link	Gateways and Gateway Requests	Supported on Supported Configurations.

Note 1: Unless otherwise stated in an Order Form, one (1) Core is equivalent to two (2) vCPUs with hyper-threading active for the Subscriptions in this Exhibit 1.B.
Note 2: You may use up to the number of Cores in the Core Bands that you purchase for any combination of Subscriptions included in these Bundles.
Note 3: Client may use up to twenty (20) Support Contacts for Red Hat build of OpenJDK Subscriptions.

2. Unit of Measure and Purchasing Requirements for Red Hat OpenShift

Table 2 sets forth the Units of measure, capacity limitations and Supported Use Cases for various Red Hat OpenShift Subscriptions. You must purchase the appropriate number and type of Subscriptions for each Unit, based on the Unit and other parameters described in Table 2. You must purchase the appropriate number of Red Hat OpenShift Container Platform Subscriptions for each Unit in a Cluster if there are any Units of Red Hat OpenShift Container Platform running in such Cluster. The Red Hat OpenShift Container Platform Use Case (OCP Use Case as defined below) applies to all Red Hat OpenShift offerings and additional Use Cases apply to the Red Hat OpenShift offerings as noted below. The deployment of Red Hat Zero Trust Workload Identity Manager Operator on Red Hat OpenShift Container Platform is only supported when Red Hat OpenShift Platform Plus is deployed on each Unit in a Cluster running such operator.

2.1 Red Hat Enterprise Linux Server – CoreOS. Red Hat Enterprise Linux Server as included in Red Hat OpenShift Container Platform may be deployed using RPM package manager or in a host mode intended to run containers (aka "**Red Hat Enterprise Linux CoreOS**"). Red Hat Enterprise Linux CoreOS mode is an optional image based delivery, deployment and updating mechanism designed to support container based environments. Each deployment of Red Hat Enterprise Linux, regardless of the method (including containers), constitutes a Unit.

2.2 Red Hat OpenShift Data Foundation. Red Hat OpenShift Data Foundation is included with a Red Hat OpenShift Platform Plus subscription. Each Red Hat OpenShift Platform Plus Cluster is entitled up to 256 TB of storage capacity. Additional OpenShift Data Foundation storage capacity for Red Hat OpenShift Platform Plus Clusters requires the purchase of Red Hat Storage Capacity Expansion Pack for OpenShift Data Foundation and Red Hat Ceph Storage for OpenShift Container Platform.

2.3 Red Hat OpenShift Platform Plus (without OpenShift Container Platform). Red Hat OpenShift Platform Plus (without OpenShift Container Platform) is an Add-On Subscription that contains Red Hat Advanced Cluster Management, Red Hat Advanced Cluster Security, Red Hat OpenShift Data Foundation Essentials and Red Hat Quay and is supported on Red Hat OpenShift Container Platform, IBM Cloud Paks, Red Hat OpenShift on Amazon and Microsoft Azure Red Hat OpenShift. You must purchase the appropriate number and type of Add-On Subscription(s) for each Unit in a Cluster, based on the Unit and other parameters of the base Subscriptions described in Table 2 or as described by the aforementioned partner offerings.

2.4 Red Hat OpenShift Virtualization. Red Hat OpenShift includes Red Hat OpenShift Virtualization which is designed to run and manage virtual instances. Red Hat OpenShift Virtualization is supported only when Red Hat OpenShift is installed on the bare metal server and is not installed within a virtual machine. The included Red Hat Enterprise Linux software is supported solely when used as the guest operating system within virtual machines hosted on Red Hat OpenShift Virtualization, but not priced or supported when hosted on Red Hat OpenShift Virtualization Engine.

2.5 Red Hat OpenShift Upgrade and Support Add-On for IBM Cloud Paks. Red Hat offers upgrades for IBM Cloud Paks that include Red Hat OpenShift Container Platform via two Add-On Subscriptions:

(a) Red Hat OpenShift Platform Plus for IBM Cloud Pak (without OpenShift Container Platform) is an Add-On Subscription that upgrades the Red Hat OpenShift Container Platform that is included in Cloud Paks to Red Hat OpenShift Container Platform Plus.

(b) Red Hat Support for IBM Cloud Pak (for Red Hat OpenShift only) Subscriptions upgrade the original Red Hat OpenShift Container Platform for IBM Cloud Pak Subscription entitlements by (i) enabling the Client to directly contact Red Hat for Support (Standard or Premium) and (ii) providing Support for general-purpose workloads.

Client agrees to purchase both Add-On Subscriptions in a quantity at least equal to the number of deployed Units across Clusters.

2.6 Red Hat OpenShift Virtualization Engine. Red Hat OpenShift Virtualization Engine is designed to create, run and manage virtual machines. Red Hat OpenShift Virtualization Engine includes additional entitlements to run third-party utilities (such as storage, monitoring, and management) that provide common functionality to the Red Hat OpenShift Virtualization Engine cluster infrastructure.

Table 2

Red Hat Product (Note 1 below)	Unit of Measure	Capacity for Socket-based SKUs		Supported Use Case
		Sockets	Virtual Nodes	
Red Hat OpenShift Container Platform (Bare Metal Node)	Physical Node	Socket-pair with up to 64 Cores	None	Supported when used as a platform as a service on Supported Configurations (this Use Case is collectively the "**OCP Use Case**"). Running other applications and/or programs of any type (other than running OpenShift or offering content from OpenShift) on the operating environment can have a negative impact on the function and performance. Third party operators are not supported by Red Hat; contact the third party for support. Red Hat Enterprise Linux is only supported in a virtual machine to run highly-secure, isolated Red Hat sandbox containers. Red Hat JBoss Web Server, Red Hat Build of OpenJDK, Red Hat SSO, Red Hat .NET Core, Red Hat Build of Keycloak and Red Hat Build of Quarkus, are included and only supported when running on OpenShift Container Platform.
	Physical Node and, subject to Note 2 below Virtual Nodes.	Socket-pair with up to 128 Cores Note 2		
Red Hat OpenShift Platform Plus (Bare Metal Node)	Physical Node	Socket-pair with up to 64 Cores		OCP Use Case OpenShift Platform Plus includes: ODF Essentials Use Case (defined below) ACS Use Case ACM Use Case Quay Use Case ODF Essentials, ACS, ACM, Quay are supported for use with nodes with Red Hat OpenShift Platform Plus Subscriptions. (collectively the "**OPP Use Case**")
	Physical Node and, subject to Note 2 below Virtual Nodes.	Socket-pair with up to 128 Cores Note 2		
Red Hat OpenShift Platform Plus with Red Hat OpenShift Data Foundation Advanced (Bare Metal Node)	Physical Node	Socket-pair with up to 64 Cores	None	OPP Use Case
	Physical Node and, subject to Note 2 below Virtual Nodes.	Socket-pair with up to 128 Cores Note 2		
Red Hat OpenShift Platform Plus (without OpenShift Container Platform, Bare Metal Node)	Physical Node	Socket-pair with up to 64 Cores	None	Not supported with OpenShift Kubernetes Engine. ODF Essentials Use Case ACS Use Case ACM Use Case Quay Use Case OpenShift Container Platform is not included.
	Physical Node and, subject to Note 2 below Virtual Nodes	Socket-pair with up to 128 Cores Note 2		
Red Hat OpenShift Kubernetes Engine (Bare Metal Node)	Physical Node	Socket-pair with up to 64 Cores	None	Supported as described in the OCP Use Case with respect to the components that are set forth at https://access.redhat.com/support/offerings/openshift-engine/sla/. Third party operators are not supported (collectively the "OKE Use Case").
	Physical Node and, subject to **Note 2** below Virtual Nodes	Socket-pair with up to 128 Cores **Note 2**		
Red Hat Device Edge Essentials	Physical Node	1 Socket with up to 32 Cores	None	One Unit of either an instance of (a) Red Hat Enterprise Linux or (b) a small form-factor Kubernetes that is based on OpenShift is supported when running on a single Socket edge (non-data center) computing device ("**Device Edge Use Case**"). RHEL Use Case OCP Use Case
Red Hat Device Edge	Physical Node	1 Socket with up to 32 Cores	None	Device Edge Use Case with one (1) Ansible Automation Platform Managed Node included. RHEL Use Case OCP Use Case
Red Hat OpenShift Container Platform and OpenStack Platform (NFV Applications)	Physical Node	Socket-pair	Unlimited Virtual Guests	OpenStack Platform is solely supported as the host running OCP virtual guests. OCP Use Case. NFV Applications Use Case.

Red Hat OpenShift Container Platform or Red Hat OpenStack Platform (NFV Applications)	Physical Node	Socket-pair	Unlimited Virtual Guests	One (1) Unit of either Red Hat OpenShift Container Platform or Red Hat OpenStack Platform is supported on a Unit. NFV Applications Use Case OCP Use Case or OSP Use Case
Red Hat OpenShift Container Platform (NFV Applications)	Physical Node	Socket-pair	Unlimited Virtual Guests	OCP Use Case NFV Applications Use Case The Red Hat OpenShift Container Platform CI/CD development capabilities are not supported, including but not limited to, CodeReady Workspaces, OpenShift Pipelines (Jenkins and Tekton), Source to Image and Builder Automation (Tekton), the odo developer command line and the developer persona in the OpenShift Container Platform web console.
Red Hat OpenShift Container Platform (NFV Edge Applications)	Physical Node	One (1) Socket	Unlimited Virtual Guests	Supported for the deployment of containerized Radio Access Network services on a wireless network. This product is intended for network functions that have real time workload requirements such as the Distributed Unit or Radio Unit described by 3GPP or Open RAN in a 5G radio access network. Third party operators are not supported.
Red Hat OpenShift Virtualization Engine	Physical Node	Socket-pair with up to 128 Cores	None	Supported solely when Red Hat OpenShift Virtualization is (a) installed on the bare metal server and is not installed within a virtual machine and (b) used to create and manage virtual instances. The included Red Hat Enterprise Linux software is not supported for use as the guest operating system within virtual instances hosted on Red Hat OpenShift Virtualization.
Red Hat OpenShift AI (formerly Red Hat OpenShift Data Science)	Physical Node	Socket-pair with up to 128 Cores	N/A	Supported when used for AI/ML workloads running as containers on Red Hat OpenShift Container Platform or Red Hat OpenShift Platform Plus ("**RHOAI Use Case**").
Red Hat AI Accelerator	AI Accelerator	One (1) AI Accelerator	N/A	
Red Hat OpenShift Data Foundations Essentials Edition	Physical Node	Socket-Pair with up to 128 Cores and with up to 256TB of data	N/A	Supported with a basic set of storage functionality ("**ODF Essentials Use Case**"). OCP Use Case
Red Hat OpenShift Data Foundations Advanced Edition				Support with the ODF Essentials Use Case and enhanced data encryption, disaster recovery, and data sharing across multiple OpenShift clusters and non-OpenShift clusters ("**ODF Advanced Use Case**"). OCP Use Case

Red Hat Product (Note 1 below)	**Unit of Measure**	**Capacity for Core-based SKUs**		**Supported Use Case**
		Cores	**Virtual Nodes**	
Red Hat OpenShift Container Platform	Virtual Node	2 Cores or 4 vCPUs	One (1) Virtual Node	OCP Use Case
Red Hat OpenShift Platform Plus				OPP Use Case
Red Hat OpenShift Platform Plus with Red Hat OpenShift Data Foundation Advanced	Virtual Node	2 Cores or 4 vCPUs	One (1) Virtual Node	OPP Use Case ODF Advanced Use Case
Red Hat OpenShift Platform Plus (without OpenShift Container Platform)	Virtual Node	2 Cores or 4 vCPUs	One (1) Virtual Node	Not supported with OpenShift Kubernetes Engine. ODF Essentials Use Case ACS Use Case ACM Use Case Quay Use Case OpenShift Container Platform is not included.
Red Hat OpenShift Platform Plus for IBM Cloud Pak (without OpenShift Container Platform)	Physical Node or Virtual Node	1 Core	One (1) Virtual Node	OPP Use Case OpenShift Container Platform is not included.

Red Hat Support for IBM Cloud Pak (Red Hat OpenShift only)	Physical Node or Virtual Node	1 Core	One (1) Virtual Node	OCP Use Case
Red Hat OpenShift Container Platform for IBM Power, LE	Virtual Node	2 Cores	One (1) Virtual Node	Supported when deployed on IBM Power, LE architecture. OCP Use Case
Red Hat OpenShift Container Platform for IBM Z and IBM LinuxONE	Virtual Node	1 Core	One (1) Virtual Node	OPP Use Case Supported when deployed on Red Hat supported KVM or IBM z/VM hypervisor running in an IBM Z IFL. Red Hat Enterprise Linux that is included in OpenShift Container Platform and OpenShift Platform Plus is only supported to run OCP and OPP and not supported for use as the guest operating system within virtual instances hosted on Red Hat OpenShift Virtualization.
Red Hat OpenShift Platform Plus for IBM Z and IBM LinuxONE				
Red Hat OpenShift Kubernetes Engine	Virtual Node	2 Cores or 4 vCPUs	One (1) Virtual Node	OKE Use Case
Red Hat OpenShift Container Platform, Premium (for Windows)	Virtual Node	2 Cores or 4 vCPUs	One (1) Virtual Node	Support for OpenShift managing Windows-based containers. Windows software must be purchased separately.
Red Hat OpenShift Container Platform with Application Runtimes (Note 3)	Physical Node	Core Band	Unlimited Virtual Nodes	OCP Use Case
Red Hat OpenShift Container Platform with Application Foundations (Note 3)				
Red Hat OpenShift Container Platform with Process Automation (Note 3)				
Red Hat OpenShift AI (formerly Red Hat OpenShift Data Science)	Virtual Node	2 Cores or 4 vCPUs	One (1) Virtual Node	RHOAI Use Case
Red Hat OpenShift Data Foundations Essentials Edition	Virtual Node	2 Cores or 4 vCPUs with up to 256 TB of data	One (1) Virtual Node	ODF Essentials Use Case OCP Use Case
Red Hat OpenShift Data Foundations Advanced Edition				ODF Advanced Use Case OCP Use Case

Note 1: Unless otherwise stated in an Order Form, one (1) Core is equivalent to two (2) vCPUs with hyper-threading active for the Red Hat Products in this Exhibit 1.B.

Note 2: Subscriptions purchased after January 1, 2025 based on the new MSRP include support for (a) 128 Cores per Socket-Pair and (b) Virtual Nodes hosted on OpenShift Virtualization on the Physical Node.

Note 3: There are two pools of Cores included in these Bundled offerings, one pool of Cores for any combination of Red Hat Application Services products and one pool of Cores for OpenShift Container Platform. You may use up to the number of Cores that you purchase in the Core Band(s) (a) for Red Hat Application Services products included in these Bundles and (b) for OpenShift Container Platform deployments (in a minimum of 2 Core allocations per Unit).

3. Unit of Measure and Purchasing Requirements for Red Hat Quay.

Table 3 sets forth the Units of measure and Supported Use Cases for the Red Hat Quay Subscriptions. Red Hat Quay is an Add-On Subscription.

Table 3

Red Hat Product	Unit of Measure	Supported Use Case
Red Hat Quay	Deployment	Supported when used on a Supported Configuration. Running other applications and/or programs of any type on the operating environment can have a negative impact on the function and/or performance.

4. Unit of Measure and Purchasing Requirements for Red Hat Advanced Developer Suite and associated products.

Table 4 sets forth the Units of measure and Supported Use Cases for the listed Add-On Subscriptions for Red Hat Advanced Developer Suite, Red Hat Developer Hub, Red Hat Trusted Profile Analyzer and Red Hat Trusted Artifact Signer. Red Hat Advanced Developer Suite enables you to identify your trusted source repositories for your build environment. Red Hat Trusted Profile Analyzer enables you to identify your source(s) of vulnerability data to analyze your builds. Red Hat Trusted Artifact Signer enables you to sign output from your build environment providing provenance for your build results.

Table 4

Red Hat Product	Unit of Measure	Supported Use Case
Red Hat Advanced Developer Suite (replacement for Red Hat Trusted Application Pipeline)	Core or User	Supported when running on Red Hat OpenShift Container Platform, Azure Kubernetes Service or Amazon Elastic Kubernetes Service.
Red Hat Developer Hub	User	Supported when running on Red Hat OpenShift Container Platform, Azure Kubernetes Service or Amazon Elastic Kubernetes Service.
Red Hat Trusted Profile Analyzer	User	Supported when running on Red Hat OpenShift Container Platform, Azure Kubernetes Service or Amazon Elastic Kubernetes Service.
Red Hat Trusted Artifact Signer	User	Supported when running on Red Hat OpenShift Container Platform, Azure Kubernetes Service or Amazon Elastic Kubernetes Service.

EXHIBIT 1.C
RED HAT DATA SERVICES AND STORAGE SUBSCRIPTIONS

This Exhibit 1.C. governs your use of the Red Hat Products as described below. References to "**Red Hat Data Services and Storage Subscriptions**" refer to both product lines.

1. Unit of Measure and Purchasing Requirements for Red Hat Storage

Table 1 sets forth the Unit of measure and Supported Use Case for various Red Hat Data Services and Storage Subscriptions. You must purchase the appropriate number and type of these Subscriptions based on the Unit and other parameters described in Table 1 below. In addition, the following terms apply:

(a) Red Hat Gluster Storage includes management tools to manage one or more instances of Red Hat Gluster Storage.

(b) Red Hat Ceph Storage Software Subscriptions are priced based on the total amount of storage capacity. Each Red Hat Ceph Storage Software Subscription supports up to a certain number of Physical Nodes or Virtual Nodes. Should the number of Physical or Virtual Nodes be consumed before the Storage Band capacity is reached, you may upgrade to the next Storage Band to receive additional Physical or Virtual Nodes.

Table 1

Red Hat Product	Unit of Measure	Supported Use Case
Red Hat Ceph Storage for OpenStack Platform	Physical Node or Virtual Node, and Storage Band	Supported only when used as a storage node. These Subscriptions are not supported on non-server hardware such as desktops or workstations and are intended for use on a dedicated Physical Node; running other applications and/or programs of any type on the Physical Node can have a negative impact on the function and/or performance of the Subscription. Each Subscription includes one Software Subscription to Red Hat Enterprise Linux Server and the Scalable File System Add-on, which are supported solely in connection with the use of the respective Red Hat Storage Subscription. Red Hat Gluster Storage Module does not include a Red Hat Enterprise Linux Software Subscription which must be purchased separately. (collectively "**Storage Node Use Case**")
Red Hat Ceph Storage for OpenShift Container Platform		
Red Hat Ceph Storage for Red Hat OpenStack on OpenShift	Socket	Storage Node Use Case
Red Hat Ceph Storage Pre-Production	Physical Node	These Pre-Production Subscriptions are subject to Red Hat Storage Node Use Case, provided that Support is only provided for Pre-Production Purposes (defined below).*

***"Pre-Production Purposes**" consists of assistance with issues relating to the installation, configuration, administrative tasks and basic trouble-shooting of the Red Hat Ceph Storage or Red Hat Gluster Storage Software components prior to deployment in a production environment, but it does not include architectural design reviews or advice, advanced configuration topics, performance analysis or reviews.

Note 1: Standard or Premium support levels are available for all Subscriptions listed in Table 1 above except for Red Hat Gluster Storage Pre-Production and Red Hat Ceph Storage Pre-Production. Red Hat Gluster Storage Pre-Production and Red Hat Ceph Storage Pre-Production only provide Standard support level.

EXHIBIT 1.D
MANAGEMENT SUBSCRIPTIONS

This Exhibit 1.D. to Product Appendix 1 governs your use of the Red Hat Satellite, Red Hat Ansible product lines and related offerings.

1. Red Hat Satellite and Red Hat Capsule

1.1 Red Hat Satellite. Red Hat Satellite is an infrastructure management offering for Red Hat Enterprise Linux and other Red Hat infrastructure environments consisting of fifty (50) System entitlements for the management components for Red Hat Satellite, or Red Hat Satellite Capsule and access to a Red Hat Portal(s).

1.2 Optional Red Hat Offline Knowledge Portal. An optional feature of Red Hat Satellite is the proprietary Red Hat Offline Knowledge Portal which provides a snapshot of Red Hat's proprietary knowledgebase containing product and support content in a downloadable format for your internal, offline consumption. The Red Hat Offline Knowledge Portal is subject to a separate proprietary EULA set forth at https://www.redhat.com/en/about/eulas.

1.3 Units of Measure and Purchasing Requirements. You must purchase the appropriate number and type of Red Hat Satellite Subscriptions based on the Unit and Supported Use Cases described in Table 1 below.

Table 1

Red Hat Product	Unit	Supported Use Case
Red Hat Satellite, Red Hat Satellite Capsule and Red Hat Satellite Proxy (included in Red Hat Satellite Subscriptions)	System	Red Hat only provides Subscription Services for Red Hat Satellite, Red Hat Satellite Capsule or Red Hat Satellite Proxy when used on a System or Physical Node that is a server. Red Hat only provides Subscription Services for Red Hat Satellite Capsule and Red Hat Satellite Proxy when deployed with Red Hat Satellite. Red Hat Satellite includes a subscription for Red Hat Enterprise Linux for the purposes of running Red Hat Satellite.
Red Hat Satellite (formerly known as Red Hat Smart Management)	Managed Node	Red Hat Satellite entitlements are required for each Unit of Red Hat Enterprise Linux that is managed by Red Hat Satellite Capsule, Red Hat Satellite Proxy and/or Red Hat Satellite. Red Hat Satellite entitlements may be used with Red Hat Portal directly.
Red Hat Satellite for non-RHEL	Managed Node	Red Hat Satellite for non-RHEL entitlements are required for each Unit of non-RHEL that is managed by Red Hat Satellite Capsule, Red Hat Satellite Proxy and/or Red Hat Satellite. Red Hat only provides support for the Red Hat Satellite functionality and does not support the installation, configuration, connectivity or other general use of the non-RHEL Managed Node. Red Hat Satellite entitlements may be used with Red Hat Portal directly.

2. Red Hat Ansible Automation Platform Subscriptions

2.1 Units of Measure and Purchasing Requirements. Table 2 sets forth the Unit of measure and Supported Use Cases for Red Hat Ansible Automation Platform Subscriptions. You must purchase the appropriate number and type of these Subscriptions based on the Unit and other parameters described in Table 2 below.

Table 2

Red Hat Product	Unit	Supported Use Case
Red Hat Ansible Automation Platform	Managed Node (see Note 1)	Red Hat only provides Subscription Services for Red Hat Ansible Automation Platform Software (a) when used on a system that is a server, (b) on platforms that are Supported Configurations and (c) additional components identified in Section 2.2 below. Red Hat Ansible Automation Platform includes a subscription for Red Hat Enterprise Linux or Red Hat OpenShift Container Platform for the purposes of running Red Hat Ansible Automation Platform. Support of Red Hat Ansible Automation Platform does not include the creation, maintenance, support or services related to customer playbooks or roles, or Ansible Project Software (collectively the "**Ansible Use Case**").
Red Hat Ansible Developer	Managed Node (see Note 1)	A subset of Red Hat Ansible Automation Platform is provided and supported only with command line (no user interface) functionality for Development Use as defined in Section 1.2(c) above. Ansible Use Case
Red Hat Ansible Automation Platform for Server Out of Band Management	Managed Node (see Note 1)	Supported only for nodes running out of band remote management services on other systems. Ansible Use Case

Red Hat Ansible Automation Platform for Server OS	Managed Node (see Note 1)	Supported only when used to manage an operating system on a node. Ansible Use Case
Red Hat Ansible Private Partner Automation Hub	Deployment	Supported on Supported Configurations.

Note 1: Managed Node includes each and every Node managed (directly or indirectly) by Ansible Automation during the term of the Subscription.

2.2 **Red Hat Ansible Content.** Red Hat Ansible Automation Platform Subscriptions provide access to additional software with varying levels of support as set forth at https://access.redhat.com/articles/3166901.

2.3 **Red Hat Ansible Automation Platform Software Life Cycle.** The supported life cycle for Red Hat Ansible Automation Platform Software is set forth at: https://access.redhat.com/support/policy/update_policies.

2.4 **Red Hat Ansible Developer.** Red Hat Ansible Developer is a Developer Subscription subject to Sections 2.2 and 2.4.1 of the Appendix.

3. Red Hat Advanced Cluster Management for Kubernetes Software Subscriptions

Table 3 sets forth the Unit of measure, Capacity and Supported Use Cases for Red Hat Advanced Cluster Management for Kubernetes. You must purchase the appropriate number and type of these Subscriptions based on the Unit and other parameters described in Table 3 below.

Table 3

Software Subscription	Unit	Capacity	Supported Use Case
Red Hat Advanced Cluster Management for Kubernetes	Core Band	Two (2) Core Or Four (4) vCPUs	This product is supported when used in connection with Red Hat OpenShift platforms.
Red Hat Advanced Cluster Management for Kubernetes (Bare Metal Node)	Physical Node	Socket-pair with up to 128 Cores	This product is supported when used in connection with Red Hat OpenShift platforms when running on a Physical Node.
Red Hat Advanced Cluster Management for Kubernetes for IBM Power, LE	Virtual Node	One (1) Virtual Node with two (2) Cores	Supported for the ACM Use Case running on an IBM Power system.
Red Hat Advanced Cluster Management for Kubernetes for IBM Z and IBM LinuxONE	Virtual Node	One (1) Virtual Node with one (1) Core	Supported when deployed on Red Hat supported KVM hypervisor running in an IBM Z IFL. ACM Use Case

3.1 Red Hat Advanced Cluster Management Supported Configurations and Software Life Cycle. The supported configurations and life cycle for Red Hat Advanced Cluster Management is set forth at: https://access.redhat.com/articles/6968787.

4. Red Hat Advanced Cluster Management for Virtualization Software Subscriptions

Table 4 sets forth the Unit of measure, Capacity and Supported Use Cases for Red Hat Advanced Cluster Management for Virtualization. You must purchase the appropriate number and type of these Subscriptions based on the Unit and other parameters described in Table 4 below.

Table 4

Software Subscription	Unit	Capacity	Supported Use Case
Red Hat Advanced Cluster Management for Virtualization	Physical Node	Socket-pair with up to 128 Cores	Supported to manage Red Hat OpenShift Virtualization Engine. ACM Use Case

5. Unit of Measure and Purchasing Requirements for Red Hat Advanced Cluster Security for Kubernetes.

Table 5 sets forth the Units of Measure, Capacity limitations and Supported Use Cases for Red Hat Advanced Cluster Security for Kubernetes. You must purchase the appropriate number and type of Software Subscription(s) for each Unit, based on the Unit and other parameters described in Table 5.

Table 5

Software Subscription	Unit of Measure	Capacity	Supported Use Case
Red Hat Advanced Cluster Security for Kubernetes	Core Band	Two (2) Core Or Four (4) vCPUs	Red Hat Advanced Cluster Security for Kubernetes is supported when analyzing workloads running on current versions of Red Hat OpenShift Container Platform, Red Hat OpenShift for Kubernetes Engine and certain other Kubernetes implementations on Supported Configurations as set forth below. The Central (defined below) management platform is supported as set forth in Table 4.1.1 below ("ACS Use Case").
Red Hat Advanced Cluster Security for Kubernetes (Bare Metal Node)	Physical Node	Socket-pair with up to 128 Cores	
Red Hat Advanced Cluster Security for Kubernetes for IBM Power, LE	Virtual Node	One (1) Virtual Node with two (2) Cores	Supported for the ACS Use Case running on an IBM Power system.
Red Hat Advanced Cluster Security for Kubernetes for IBM Z and IBM LinuxONE	Virtual Node	One (1) Virtual Node with one (1) Core	Supported when deployed on Red Hat supported KVM hypervisor running in an IBM Z IFL. ACS Use Case

5.1 Supported Configurations for Red Hat Advanced Cluster Security for Kubernetes. The supported configurations and life cycle for Red Hat Advanced Cluster Security is set forth at: https://access.redhat.com/node/5822721.

EXHIBIT 1.E
SUPPORT SUBSCRIPTIONS

This Exhibit 1.E. to Product Appendix 1 governs your use of supplemental 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 additional Support. The TAM Service does not include support for (1) Self-support Software Subscriptions (2) any Unit of Software (such as a System, Physical Node, Core, etc.) for which you do not have an active paid Subscription or (3) any Subscription for which support is provided by a Business Partner. When you purchase a TAM Service, you receive access to a Red Hat support engineer to provide you with (a) access to Red Hat's technology and development plans, including beta testing and bug/feature escalation, (b) weekly review calls, (c) up to two (2) on-site technical review visits per year for each full one year TAM subscription term, (d) up to four Support Contacts, (e) quarterly service performance metrics via the TAM electronic dashboard, and (f) a subscription to Red Hat's TAM monthly newsletter.

Support Subscription	Unit Description
TAM Service Dedicated TAM Service TAM Extension Enterprise TAM TAM for Product Security Technical Relationship Management Service	**Point of Contact:** a Red Hat associate whom you are authorized to contact to request support for a particular team, geography or Red Hat product line.

1.1 TAM Service Coverage. Each TAM Service Subscription will be limited to a region, a customer team and a product line and will be listed in the Order Form. If not listed, the parameters will be established upon the initiation of the TAM Service.

(a) **Regions:** North America, Latin America, EMEA, Asia-Pacific (excluding Japan, China and India), China, India or Japan.

(b) **Customer Team:** The customer team supported by the TAM, such as your development team, your system administration team, your support team, etc.

(c) **Red Hat Product Line:** The supported Red Hat product line, such as the Red Hat Enterprise Linux, Red Hat AI Platforms, Red Hat JBoss Application Services, Red Hat OpenShift Container Platform, Red Hat Storage, Red Hat Ansible or Red Hat Cloud product lines.

1.2 TAM Service Level. The TAM Service is offered during local Red Hat Support Standard Business Hours as set forth at https://access.redhat.com/support/contact/technicalSupport (based on the physical location of the TAM representative).

2. Other TAM Subscriptions

2.1 Dedicated TAM Service. The Dedicated TAM Service is the assignment of a Red Hat resource dedicated to you for TAM Services, provided Red Hat may use a non-dedicated resource for personal time off, training and initially, until a dedicated resource is assigned.

2.2 TAM Extension Service. The TAM Extension Service is an extension of a Red Hat Enterprise Linux TAM Service to provide additional technical knowledge such as SAP implementations on Red Hat Enterprise Linux. The TAM Extension Service requires a separate active and paid standard TAM Service Subscription.

2.3 Enterprise TAM Service. The Enterprise TAM Service provides TAM Services for multiple Red Hat product lines, as mutually agreed in writing, to a Client.

2.4 TAM for Product Security. The Security TAM Service provides TAM Services with additional technical knowledge and guidance regarding the security rules, policies, advisories, or fixes for multiple Red Hat product lines, as mutually agreed in writing.

2.5 Technical Relationship Management Service. The Technical Relationship Management Service provides a subset of TAM Services that are primarily reactive services as set forth at: https://redhat.com/en/services/support/technical-relationship-management-service

3. Designated Support Engineer ("DSE") Service Subscription

The DSE Service is a Support Subscription that you may purchase in addition to your underlying Premium Software Subscription for a specific product line (e.g. Red Hat Enterprise Linux or OpenShift) in order to receive access to a designated Red Hat support engineer. The DSE Service does not include support for (1) Self-support or Standard Subscriptions, (2) any Unit of Software (such as a System, Physical Node, Core, etc.) for which you do not have an active paid Software Subscription or (3) any Subscription for which support is provided by a Business Partner. When you purchase a DSE Service, you receive access to a Red Hat support engineer to provide you with (a) weekly review calls, (b) up to six (6) Support Contacts and (c) quarterly service performance metrics.

4. Confirmed Stateside Support Subscriptions

Confirmed Stateside Support ("**CSS**") Subscriptions provide the applicable level of Support (Standard or Premium) in English via restricted, support resources in the United States for a specific Client account on Red Hat Portal ("**CSS Client Account**"). Each CSS Subscription will be limited to a specific CSS Client Account. All support requests for CSS Covered Subscriptions must be submitted to the Red Hat designated CSS support contacts. Client agrees to only submit CSS Support requests for Red Hat Software Subscriptions identified as CSS Subscriptions. The CSS Subscription does not include support for (i) Self-support Subscriptions, (ii) any instance of Software for

which you do not have an active paid Subscription; or (iii) any Subscription for which support is provided by a Business Partner. When you purchase the CSS Subscription, you receive access to a Red Hat support group to provide you with:

(a) Support accessed from the US and provided by US citizens;
(b) Logical and physical Client data separation from Red Hat's standard support systems for each CSS Client Account;
(c) Separate secured physical workspace for the CSS support personnel; and
(d) Triage based support to resolve known issues and create a sanitized support request ticket if escalation to standard non-CSS resources is required.

5. Developer Support Subscriptions

5.1 Scope of Coverage. For certain Software, Red Hat offers Developer Support Subscriptions. For each paid, active Developer Support Subscription, Red Hat will provide you with (a) access to the supported versions of the respective products through a Red Hat Portal; and (b) assistance for: (i) installation, usage and configuration support, diagnosis of issues, and bug fixes, but only for issues related to your use of such products for Development Use and (ii) advice concerning application architecture, application design, industry practices, tuning and application porting (collectively, "**Developer Support**"). Developer Support Subscriptions do not include support for (a) modified software packages, (b) wholesale application debugging or (c) software included in the Red Hat Extras repository, supplementary channels, preview technologies or software obtained from community sites. For Red Hat Application Services and/or Red Hat OpenShift Developer Support Subscriptions, Developer Support is provided for up to one hundred (100) developers provided all support requests will be made by up to two (2) named Client contacts.

5.2 Red Hat Developer Support Subscription Levels. You may purchase Professional (two (2) business day response time) or Enterprise (four (4) Standard Business Hours response time) with web and phone support for an unlimited number of requests for Red Hat Developer Support Subscriptions.

6. Red Hat Partner Support Subscriptions

6.1 Scope of Coverage. Red Hat Partner Subscriptions make certain Subscriptions available to partners for Development Use. Red Hat Partner Support Subscriptions provide support to a specified number of partner contacts. For each paid, active Red Hat Partner Support Subscription, Red Hat will provide (a) access to the supported versions of the respective products through a Red Hat Portal; and (b) assistance with installation, usage and configuration, diagnosis of issues, and bug fixes, but only consistent with Development Use. Red Hat Partner Support Subscriptions do not include support for (a) modified software packages, (b) wholesale application debugging or (c) software included in the Red Hat Extras repository, supplementary channels, preview technologies or software obtained from community sites.

6.2 Red Hat Partner Support Subscription Levels. You may purchase Standard or Premium Partner Support Subscriptions as set forth at https://access.redhat.com/support/offerings/production/sla.