

This Product Appendix (including the attached Exhibits) governs your use of the Red Hat Online Services and is subject to the Enterprise Agreement General Terms available at <https://www.redhat.com/en/about/agreements> or, as applicable, other base agreement between you and Red Hat. In the event of a conflict between this Product Appendix and an Exhibit to this Product Appendix, the terms of the Exhibit control.

When we use a capitalized term without defining it in this Product Appendix, the term has the meaning defined in the Enterprise Agreement General Terms or other base agreement.

Red Hat may modify or update this Product Appendix and will notify you of updates either by posting a revised version of this Product Appendix at www.redhat.com/agreements or by providing notice using other reasonable means.

We provide the Online Services to you under the terms described in the Agreement whether you obtain them from us or through one of our authorized Business Partners, which may include a Marketplace Vendor as described below. Your right to access and use the Online Services, is subject to your compliance with the terms of the Agreement.

1. Online Services Overview

- 1.1 **Background.** “Online Services” means Red Hat branded cloud or hosted service offerings described in Exhibit A. “Support” means technical support to resolve issues relating to the Online Services, as described in Section 3 (Support from Red Hat).
- 1.2 **Fee Basis.** Fees for Online Services are based on the number of Units and other metrics as described below. You agree to pay Red Hat (either directly or through a Business Partner) the applicable Fees for all Units. The specific Unit for each Online Service is set forth in Exhibit A. If your utilization or deployment exceeds the number of Units you purchased, including the applicable capacity or other parameters, you must purchase and pay for additional Online Services in a quantity equal to the total number of Units that you use or deploy. For Online Services identified as “Red Hat OpenShift Dedicated Layered Online Services” in Exhibit A, Table 1, you must purchase a quantity equal to the Units of the underlying Red Hat OpenShift implementation. Subscriptions may be available for purchase (a) on a consumption basis (“On Demand”) paid in arrears or (b) on a longer-term basis and paid up-front.
- 1.3 **Previews.** Red Hat may offer you the opportunity to preview or evaluate features or Online Services, without charge, up to certain limits (“Preview”) and subject to the terms and conditions of this Product Appendix as well as any additional terms that Red Hat may provide in connection with the Preview. Preview offerings are not intended for production purposes, do not include Support, and are not subject to Exhibit B (Maintenance, Service Availability, and Credits). Red Hat may change or remove Preview offerings at any time, which may result in data loss, service unavailability and deletion or re-provisioning of software.
- 1.4 **Service Availability & Changes.** Red Hat will use commercially reasonable efforts to maintain availability of the Online Services and provide notice of maintenance in accordance with the terms set forth in Exhibit B (Maintenance, Service Availability and Credits). Red Hat reserves the right to periodically update, improve or discontinue an Online Service offering, component or functionality of the Online Service.
- 1.5 **Purchasing from a Marketplace.** If you purchase the Online Services through the Red Hat Marketplace or a third party marketplace (each, a “Marketplace Vendor”) any applicable Fees will be set forth at the applicable Marketplace Vendor web interface, are billed and payable according to the Marketplace Vendor terms, and are non-refundable. It may be necessary for Red Hat to report your usage of the Online Services to the Marketplace Vendor for the purpose of invoicing or billing, and you agree that Red Hat may provide that information to the Marketplace Vendor.

2. Your Account

- 2.1 **Your Account.** In order to access the Online Services, you must create a Red Hat account (“Your Account”). If you provide access to the Online Services through Your Account for the benefit of one or more authorized users, including your employees, independent contractors, Affiliates or any other third party (“Authorized Users”), you are responsible for their compliance with the Agreement and for the payment of any applicable Fees. You may not create multiple accounts that act or appear as a single account or otherwise access the Online Services in a manner that is intended to avoid or has the effect of avoiding the payment of Fees or the circumvention of any thresholds or Unit limitations associated with Your Account. You and all Authorized Users: (a) must provide accurate identification; and (b) will not impersonate another user, misuse a service token or otherwise mask identity when interacting with Online Services. You must maintain the confidentiality of any passwords to Your Account and are solely responsible for any and all activities or actions that occur with respect to Your Account including any unauthorized access. You agree to notify Red Hat immediately if you suspect someone has obtained unauthorized access to Your Account, Your Content (as defined below), or the Online Services.
- 2.2 **Your Use.** You are responsible for ensuring that (a) the Online Services are suitable for your needs and (b) your use and the use by any Authorized User is in compliance with this Product Appendix and all applicable laws, including but not limited to data privacy and security laws. If you become aware of any noncompliance by any Authorized User, you will notify Red Hat and promptly bring the Authorized User into compliance which may include removing noncompliant content or terminating access.
- 2.3 **Export Compliance.** The Online Services are subject to United States laws and regulations and may be subject to foreign export laws or regulations. You agree that you and your Authorized Users will comply with all applicable export laws and regulations, and any export related terms of the Agreement.
- 2.4 **Infrastructure Services.** Online Services require underlying cloud hosting services (“Infrastructure Services”). Some Online Services are offered with Infrastructure Services provided by Red Hat; and for some Online Services, Red Hat may offer “Customer Cloud

Subscriptions where Red Hat does not provide the Infrastructure Services and you are responsible for separately procuring Infrastructure Services from a third party provider. You are solely responsible for complying with any terms and conditions between you and the provider of the Infrastructure Services, paying any fees associated with the Infrastructure Services, and obtaining any applicable permissions from the third party provider to allow Red Hat to provide the Online Services offered. To enable a Customer Cloud Subscription you must adhere to the technical requirements provided by Red Hat and as specified in Exhibit A.

3. Support from Red Hat.

3.1 Scope of Support. Support consists of guidance on the use of, and problem diagnosis and bug fixes for, the Online Services when used for their intended purpose. To access and use Support, you must provide Red Hat with sufficient information to validate your Subscription. If you are using any Red Hat HIPAA Qualified Online Services, you are not permitted to, and should not, submit any protected health information through a support portal or support ticket or within any support case attachments, comments or logs.

3.2 Support Coverage. Support is provided at the Premium service level, as further described at <https://access.redhat.com/support/offerings/production/sla>. Support is provided in the English language and may be available in other languages based on available resources. We do not provide Support for (a) advice on architecture, design, development or prototyping; (b) non-Red Hat online services or software, including but not limited to devices, operators, applications, infrastructure or tools that you or a third party provide or create; (c) access management or any security related processes that apply only to Your Account; (d) any work performed under a separate professional services engagement; (e) individuals who are not your Support Contacts (defined below); (f) Subscriptions running in excess of the number of Units you have purchased or outside the usage restrictions; or (g) for any changes you make to the Infrastructure Services account which negatively impacts the operation of the Online Services such as the removal of a load balancer, virtual machine instance, or any Infrastructure Services that the Online Services are dependent on. You are responsible for testing the Online Services and any Red Hat Content before deploying it in your environment and for providing assistance to your Authorized Users. You will back up Your Content on a regular basis and have those backups available if needed for support or other purposes.

3.3 Support Contacts. A “**Support Contact**” is a person that you authorize to open Support requests and engage with Red Hat support personnel. 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>. Red Hat’s telephone number and standard business hours are listed at <https://access.redhat.com/support/contact/technicalSupport.html>.

4. Red Hat Online Services and License

4.1 Rights in the Services. Subject to your continued compliance with the terms of the Agreement and payment of applicable Fees, Red Hat will make the Online Services available as described in this Product Appendix. As between the Parties, Red Hat and its licensors own all rights, title and interest in and to the Online Services. Title to and ownership of the Online Services, as well as any and all patents, copyrights, trademarks, trade secrets and other proprietary rights will at all times remain solely and exclusively with Red Hat and its licensors.

4.2 Restrictions. You will not (and you will ensure that your Authorized Users do not) (a) sublicense, sell, rent, distribute, assign or otherwise transfer the Online Services; (b) reverse engineer, decompile or disassemble any Red Hat Content (defined in Section 4.3 below) or the Online Services except to the extent such conduct is permitted under applicable law or an applicable open source software license; (c) remove or modify any of the copyright, trademark or other proprietary notices contained in the Red Hat Content or the Online Services; (d) copy, modify or create derivative works of the Red Hat Content or Online Services, other than as may be permitted pursuant to an applicable open source software license; (e) interfere with other users’ security or use of the Online Services including but not limited to accessing third parties’ accounts, or distributing spam; (f) deploy or run any other application or service not included in the Online Service on the Infrastructure Services provided by Red Hat; (g) use any of the Online Services to create products or services that compete with any of the Online Services; (h) use any of the Online Services in a manner that constitutes defamation or violation of rights of privacy or publicity; (i) use any of the Online Services for any illegal activity; (j) use of the Online Services to violate the security or integrity of any, network, computer or computing device; (k) provide Content that infringes, misappropriates, or violates any third party or Red Hat intellectual property rights; (l) use the Online Services in a way that damages, intercepts or expropriates any system, data, or information that is not yours; (m) attempt to or mine or forge cryptocurrencies, or enable illegal file sharing; (n) use any of the Online Services for the operation of nuclear facilities, air traffic control, or life support systems or where the use or failure of the Online Services could lead to death, personal injury or environmental damage; or (o) operate or enable any telecommunications service or in connection with any application that allows users to place calls or to receive calls from any public switched telephone network. Your right to continue to receive Online Services is conditioned on your continued compliance with the terms of this Product Appendix. You must get prior written consent from Red Hat before running any penetration or stress testing on the Online Services.

4.3 License to Use Red Hat Content. In connection with the Online Services, Red Hat may provide you with access to documentation and software code such as containers, operators, software development kits, or templates (“**Red Hat Content**”) to use in connection with the Online Services. Red Hat Content does not include any Third Party Offerings. During the Subscription term, Red Hat hereby grants to you a limited, worldwide, nonexclusive, royalty-free, non-transferable license, to use the Red Hat Content solely in connection with your permitted use of the Online Services. To the extent that components of Red Hat Content are distributed under an open source license, your use of such components is governed by the accompanying open source license. The terms of this Appendix are not intended to interfere with any rights you may receive under the applicable open source license.

4.4 Third Party Offerings. In connection with the Online Services, Red Hat may make available software, services, or operators to enable the software or services of third parties (such software or services, “**Third Party Offerings**”). Third Party Offerings are governed by the terms provided by the third parties and, if you use Third Party Offerings, you agree to obtain the appropriate license or subscription, to the extent required, and abide by those terms and conditions. If you use the Online Services in connection with any other third party software (e.g. developer kits), you represent and warrant that you have obtained the appropriate license from the third party and have the rights to perform the actions contemplated in connection with the Online Services. Red Hat and its licensors and vendors have no obligations or liability with respect to such third party or the Third Party Offerings. For clarity, Third Party Offerings do not constitute Red Hat Content or Online Services.

4.5 APIs and ABIs. You may use any documented application programming interfaces (“**APIs**”) or application binary interfaces (“**ABIs**”), as disclosed in the documentation, for the Online Services solely for the purpose of integrating your application or other tools with the Online Services and for no other purpose. Red Hat may change, deprecate or republish APIs or ABIs from time to time, and you are responsible to ensure that calls made by your application to the Online Services are compatible with then-current APIs or ABIs.

4.6 Domain Names or Namespaces. In order to utilize some of the Services, you may be required to create a unique domain name or namespace. Red Hat may, in its sole discretion, reject any domain name or namespace request submitted by You at any time, including after public use. Red Hat reserves the right to deactivate any domain name or namespace and require that You use a different domain name or namespace if Red Hat receives a notice by a third party that the domain name or namespace misappropriates or infringes a third party's rights or if the domain name or namespace violates the terms of this Agreement, or applicable law.

4.7 Linking. The Online Services may contain links to external sources, websites or content that are not owned, created or managed by Red Hat. Red Hat does not have control over such sites or content and has not reviewed them. The inclusion of any link to a third party website does not imply endorsement by Red Hat of the website or their sponsoring entities, products or services. You agree that Red Hat is not responsible or liable for any loss or expenses that may result due to your use of or reliance on the external site or content.

4.8 Open Source Assurance. During the Subscription term, you are entitled to participate in the Red Hat Open Source Assurance Program, provided that, with respect to this Product Appendix only, the following terms in the Open Source Assurance Agreement are amended and replaced as follows: “**Covered Software**” means software included in the Red Hat Content made available to you by Red Hat with the Online Services to the extent that (i) Your use is part of and in connection with the Online Services and (ii) you have active subscriptions to the respective Online Service at the time of the Claim or threatened Claim. Covered Software does not include any Red Hat Content provided to you as Preview or other promotional or demonstration offerings nor any Third Party Offerings.

4.9 Usage Related Information. In connection with use of the Online Services, information related to your usage may be transmitted to Red Hat. That information may be used for purposes such as 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 for billing purposes pursuant to the Agreement. Additional details related to the type of information collected and the methods by which you may opt out of the data collection are provided in the specific documentation.

5. Your Content

5.1 Your Content. “**Your Content**” consists of any content and data uploaded or otherwise provided by you or a third party associated with Your Account, including applications, software code, documentation, materials, information, text files, or images. As between you and Red Hat, you retain ownership of Your Content. You are solely responsible for the use, deployment, quality of, and necessary rights in all of Your Content in compliance with the Agreement and all applicable laws and regulations; and you agree to promptly remove any of Your Content that violates the foregoing. You represent and warrant that: (a) you own all rights in, or have received valid licenses or permissions to use (and will continue to own or have valid licenses or permissions to use) Your Content, with rights sufficient to enable any activities in connection with the Online Services and (b) the use of Your Content by you, your Authorized Users and Red Hat and its affiliates, vendors and subprocessors does not misappropriate, violate or infringe the intellectual property rights or privacy rights of any third party, and all such use is lawful. You are prohibited from using the Online Services to store, create or deploy any portion of Your Content that is regulated under the International Traffic in Arms Regulations (ITAR). You are responsible for ensuring that Your Content is authorized for export, distribution and use under the Export Administration Regulations (EAR) and other laws and regulations, including export and privacy laws, that may be applicable based on your use. Red Hat reserves the right to review Your Content to ensure compliance with this Product Appendix. Red Hat is not responsible under any circumstances for any claims, damages or other actions relating to Your Content, or your or your Authorized User's actions while using the Online Services.

5.2 Notices Regarding Content. You must immediately respond to any notice you or Red Hat receive claiming that Your Content violates a third party's rights, including without limitation notices under the Digital Millennium Copyright Act, and take corrective action, which may include but is not limited to promptly removing any of Your Content. You agree to implement a policy to respond to any and all such requests that you may receive regarding Your Content.

5.3 Grant to Red Hat. You grant to Red Hat, and to any third party providers on whose services Red Hat may depend to provide the Online Services, a worldwide, non-exclusive, royalty-free license to make, use, reproduce, distribute, import, perform and display Your Content solely in connection with providing the Online Services to you. Except as set forth in this Section 5.3, Red Hat obtains no rights in Your Content under this Product Appendix.

5.4 Indemnification for Your Content. You agree to indemnify and hold harmless Red Hat, Red Hat Affiliates and their licensors and vendors, and each of their respective employees, officers, directors, and representatives from and against any claims, damages, losses, liabilities, costs, and expenses (including reasonable attorneys' fees and associated litigation expenses) arising out of or relating to: (a) your use or your Authorized Users' use of the Online Services, including the Red Hat Content, in violation of any law or regulation or third party right; (b) any claim or allegation that Your Content infringes, violates, or misappropriates the intellectual property or privacy rights of any third party; (c) Red Hat's response to any third party subpoena, warrant, audit, agency action or other legal order or process concerning Your Content, Your Account or use by you or your Authorized Users of the Online Services or (d) any dispute between you and a Third Party Offering provider or you and any of your Authorized User(s). Red Hat will provide you with written notice of any claim, suit or action, but its failure to do so does not relieve you of your obligations under this Section 5.4. Notwithstanding any limitations set forth in Section 11.2 of the General Terms, that Section shall not limit liability under this Section 5.4.

6. Service Suspension & Termination

6.1 Service Suspensions. Red Hat may temporarily suspend or terminate your access to the Online Services or that of your Authorized Users if Red Hat reasonably determines in its sole discretion that: (a) you or any of your Authorized Users have materially breached the terms of the Agreement; or (b) your use or any of your Authorized User's use of the Online Services or Your Content: (i) poses a security risk, (ii) adversely impacts the Online Services, (iii) would subject Red Hat to liability or (iv) may result in violation of applicable laws or regulations.

6.2 Notice and Effect of Suspension & Termination. Red Hat will endeavor to provide you with notice of the suspension or termination under this section and to provide updates regarding resumption of the Online Services following any such suspension. If the issue has not been remediated, Red Hat reserves the right (but has no obligation) to suspend or terminate your access to the Online Services or disable access by you or your Authorized Users until the issue has been remediated to Red Hat's reasonable satisfaction. Red Hat will have no liability with respect to such a suspension or termination.

6.3 Termination. Upon expiration or termination of the Online Services and except as otherwise permitted under this Product Appendix, any Exhibit, or applicable software license, you are not entitled to use, access or embed any Online Service or Red Hat Content, provided this is not intended to interfere with any rights you may have under any open source licenses. You are responsible for exporting Your Content from the Online Services prior to expiration or termination. For specific Online Services and subject to applicable fees, Red Hat may offer the ability to extract Your Content after expiration or termination except in the case of breach by you.

7. Data Protection

7.1 Data Security. Without limiting your obligations under this Section 7.1 or elsewhere in the Agreement, Red Hat has implemented certain measures designed to help protect the Online Services from unauthorized access. You will implement reasonable procedures and security measures to protect Your Content as well as the privacy and legal rights of Your Authorized Users and any other individual's information. Without limiting the foregoing obligation, you are responsible where available and appropriate, to (a) use encryption technology to protect Your Content and in particular any personally identifiable information transmitted to and from, and while stored on, the Online Services; (b) keep any of your software used or running with the Online Services current with the latest security patches or updates; and (c) backup Your Content. You are responsible for complying with any applicable laws and regulations, including, but not limited to, those that require notification of individuals whose personally identifiable information may have been compromised or that govern specific types of data included in Your Content. If any of Your Content could subject Red Hat to governmental regulation or special industry standards (e.g., credit card data) or may require security measures beyond those specified by Red Hat for the Online Services, you will not provide or give access to Your Content unless Red Hat has otherwise first agreed in a separate written and signed document to implement additional security and other measures.

7.2 Data Processing. To the extent Red Hat processes Personal Data (as such term is defined in the Data Processing Addendum) disclosed by you as part of Your Content, Red Hat's Data Processing Addendum available at <https://www.redhat.com/en/about/agreements> (under Product Appendices) will apply to the parties. Prior to providing Your Content (including any Personal Data), you will provide any required disclosures and appropriate notices and obtain any necessary consent from Authorized Users or any other individual whose Personal Data or other identifying information or content you will be using in connection with the Online Services. In order to provide certain aspects of the Online Services, such as administering Your Account or performing Support, it may be necessary for Red Hat to transfer information to its Affiliates, vendors or subcontractors located worldwide. If you provide your Authorized Users with access to Your Content in connection with the Online Services, you agree to protect the privacy of your Authorized Users' data, including without limitation implementing and maintaining an appropriate privacy policy that complies with applicable law and notifying your Authorized Users that their data may be stored on facilities accessible to Red Hat, its Affiliates, vendors, subcontractors or subprocessors and may be transferred between you and your vendors or subcontractors, which may be located worldwide.

7.3. Red Hat HIPAA Qualified Online Services. "HIPAA" means collectively the United States Health Insurance Portability and Accountability Act of 1996, as updated pursuant to the Health Information Technology for Economic and Clinical Health Act, enacted as part of the American Recovery and Reinvestment Act of 2009, as amended from time to time, and including their implementing regulations. Red Hat may act as a "business associate" (as that term is defined in HIPAA) with respect to the Red Hat HIPAA Qualified Online Services that are listed at <https://access.redhat.com/articles/2918071#hipaa-13>. Prior to using the HIPAA Qualified Online Services you must enter into a Business Associate Agreement with Red Hat. For any other products not listed as a Red Hat HIPAA Qualified Online Service, Red Hat makes no representations that the Online Services satisfy HIPAA requirements, you acknowledge that Red Hat is not acting as a business associate and you will not use the Online Services in any manner involving "protected health information".

7.4 Legal Process. Red Hat may disclose information, including Your Content and information concerning Your Account, as required by law, regulation or legal process (such as responding to a subpoena, warrant, audit, or agency action, or to prevent fraud) or to establish or exercise its legal rights or to defend against legal claims. If any government or regulatory authority requests access to Personal Data concerning Your Content, unless prohibited by law, Red Hat will notify you of such request to enable you to take necessary actions to communicate directly with the relevant authority and respond to such request. If Red Hat is prohibited by law to notify you of such request, it will use reasonable efforts to provide the minimum amount of information permissible when responding, based on a reasonable interpretation of the request.

7.5 Other Privacy Terms. Red Hat, its Affiliates, vendors, subcontractors and subprocessors, may, wherever they do business, store and otherwise process business contact information of you, your personnel and Authorized Users, for example, name, business telephone, address, email and user ID for business dealings. Where notice to or consent by the individual is required for such processing, you will notify and obtain such consent.

This Exhibit provides additional terms that apply to the Online Services listed below.

- 1. Online Services.** Table 1 lists the Online Services managed by Red Hat, the applicable Unit and capacity or other parameters for each offering.

 - **“API”** means a collection of application programming interface methods grouped together as one service in the product interface.
 - **“API Call”** means one inbound message to your API backend server and a response from the server if applicable in all environments.
 - **“Cluster”** means a group of connected computing resources or devices intended to work together.
 - **“GPU”** means a graphical processing unit.
 - **“Managed Node”** means each and every Node managed by the Software or Online Service. “Node” means a Virtual Node, Physical Node, device or other instance of software.
 - **“Physical Node”** means 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.
 - **“Private Repository”** means storage of your containerized software and artifacts to which you control access.
 - **“vCPU”** means 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 or Services on which the Virtual Node is running.
 - **“Virtual Node”** means an instance of the Online Services or Software executed, in whole or in part, on a virtual machine or in a container.

Table 1

Red Hat OpenShift Online Services	Units	Capacity Limitations & Other Parameters
Red Hat OpenShift Dedicated Platform Single Availability Zone	Cluster	3 control plane Virtual Nodes, 2 infrastructure Virtual Nodes, 4 worker Virtual Nodes.
Red Hat OpenShift Dedicated Platform Single Availability Zone (Customer Cloud Subscription)	Cluster	3 control plane Virtual Nodes, 2 infrastructure Virtual Nodes, 2 worker Nodes. Infrastructure Services must be purchased separately.
Red Hat OpenShift Dedicated Platform Multiple Availability Zone	Cluster	3 control plane Virtual Nodes, 2 infrastructure Virtual Nodes, 9 worker Virtual Nodes.
Red Hat OpenShift Dedicated Platform Multiple Availability Zone (Customer Cloud Subscription)	Cluster	3 control plane Virtual Nodes, 3 infrastructure Virtual Nodes, 3 worker Virtual Nodes. Infrastructure Services must be purchased separately.
Red Hat OpenShift Dedicated Additional Node	Virtual Node	Comes with up to the vCPU and RAM based on the underlying OpenShift base cluster purchased (“ vCPU & RAM package ”).
Red Hat OpenShift Dedicated Additional Node (Customer Cloud Subscription)	Virtual Node	vCPU and RAM package Infrastructure Services must be purchased separately.
Red Hat OpenShift Dedicated Add On Storage	Gigabytes	Up to 500 GB of storage.
Red Hat OpenShift Dedicated Additional Network IO	Terabytes	Up to 12 TB of storage.
Red Hat OpenShift Dedicated Platform (Customer Cloud Subscription) Cluster Fee	Cluster	N/A
Red Hat OpenShift Dedicated worker Virtual Node (Customer Cloud Subscription)	Virtual Node	vCPU and RAM package. Infrastructure Services must be purchased separately.
Red Hat OpenShift Service on AWS	Cluster / Virtual Node	vCPU & RAM package. Infrastructure Services must be purchased separately.
Red Hat OpenShift Dedicated Layered Online Services		
Red Hat Hosted Control Pane	Cluster	You must purchase equivalent Units as the underlying Red Hat OpenShift on AWS Cluster. Infrastructure Services must be purchased separately.
Red Hat OpenShift API Management	API Calls	Total number of API Calls on a daily basis. You must purchase a quantity of API Calls that can accommodate traffic spikes.
Red Hat OpenShift Data Science	vCPU, GPU	You must purchase equivalent Units as the underlying OpenShift Dedicated or Red Hat OpenShift on AWS Cluster. Infrastructure Services must be purchased separately.
Additional Online Services		
Red Hat Quay.io	Private Repositories	Subscriptions are purchased on a monthly basis per number of Private Repositories.
Red Hat Advanced Cluster Security Cloud Service	Managed Node	Subscriptions are required to cover the capacity of the Managed Node (vCPUs for Virtual Nodes or CPUs for Physical Nodes) equal to the capacity and type of Units of the underlying OpenShift or other Kubernetes implementation (listed at https://access.redhat.com/node/5822721) that is being secured by Red Hat Advanced Cluster Security Cloud Service.
Red Hat Advanced Cluster Security Cloud Service for Bare Metal		
Red Hat Advanced Cluster Security - Cloud Service Add-on		

Red Hat Advanced Cluster Security Cloud Service (OSD, ROSA, ARO)	Managed Node	<p>Only used to secure Red Hat OpenShift Dedicated, Red Hat OpenShift Service on AWS, Azure Red Hat OpenShift.</p> <p>Subscriptions are required to cover the capacity of the Managed Node (vCPUs for Virtual Nodes or CPUs for Physical Nodes) equal to the capacity and type of Units of the underlying OpenShift implementation that is being secured by Red Hat Advanced Cluster Security Cloud Service.</p>
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1.2 Scope of Services. The scope of services for OpenShift Dedicated Online Services is further set forth at https://docs.openshift.com/dedicated/osd_policy/osd-service-definition.html. You acknowledge that the use and management of OpenShift Dedicated are a shared responsibility and agree to the accountability matrix set forth at: https://docs.openshift.com/dedicated/osd_policy/policy-responsibility-matrix.html.

1.3 Customer Cloud Subscription. To initiate a Customer Cloud Subscription, you must follow the procedure set forth at: https://access.redhat.com/documentation/en-us/openshift_dedicated/ (see "Planning Your Environment" section). You must open a Support case to notify Red Hat at least 30 days prior to making any policy or permission changes other than as permitted in the Customer Cloud Subscription documentation. You must not remove or replace any cloud service component created or managed by the Online Services. Red Hat has the right to reject any change. Red Hat is not responsible for any actions that you or Your Authorized Users take, including but not limited to actions that may affect your use of the Customer Cloud Subscription, Online Service availability or data loss.

1.4 Cluster Administration Capability. Red Hat, at its discretion, may enable cluster administration rights for particular Online Services subject to the following conditions: (a) You must not remove or replace any native Online Services components or any other component installed and managed by Red Hat; (b) You will promptly submit a report as per <https://access.redhat.com/security/team/contact> to Red Hat for any flaws, security weaknesses, misconfigurations, or other vulnerabilities discovered in the Online Services, Infrastructure Services, or any third party tools, such reports are Confidential Information of Red Hat unless Red Hat agrees otherwise in writing; (c) If requested, you will work with Red Hat to identify any changes made to the cluster configuration and collaborate with Red Hat on any related issues and (d) Red Hat is not responsible for any actions you or any of Your Authorized Users take relating to the Online Services or Your Account, including but not limited to actions that may affect Infrastructure Services, Online Service availability and data loss.

1.5 Custom & Third Party Software. You, and not Red Hat, are responsible for ensuring any third party components, including operators, continue to function after any cluster maintenance, including upgrades, performed by Red Hat or software upgrades performed by you. You are also responsible for any terms, conditions and fees associated with any third party components deployed by the software, not otherwise included in the Online Services.

1.6 Additional terms for Red Hat OpenShift API Management.

1.6.1. Support. If you use Quarkus, CamelK, Camel Spring Boot, Camel Quarkus, or MirrorMaker2 on an OpenShift Online Service to build an application that accesses or calls an endpoint on Red Hat OpenShift API Management, Red Hat will provide Support (subject to Section 3 above) for such use. For clarity, Quarkus, CamelK, Camel Spring Boot, Camel Quarkus, and MirrorMaker2 do not constitute Red Hat Content or Online Services.

1.6.2 API Calls. API Calls are purchased in increments based on a daily amount. Red Hat may throttle API Calls on a per minute basis. For example: if you purchased 1,000,000 daily API Calls, the per minute limit would be 1,000,000 divided by 1,440 minutes, rounded up to 695; in any minute that you reach 695 API Calls, any additional API Calls above that will be held until the next minute begins.

1.8 Additional terms for Developer Sandbox for Red Hat OpenShift and Red Hat Trusted Application Pipeline. Your use of the Developer Sandbox for Red Hat OpenShift and Red Hat Trusted Application Pipeline will be limited by certain technical and bandwidth limitations and Red Hat reserves the right to restrict your use if it exceeds the limitations. Use of the Developer Sandbox for Red Hat OpenShift and Red Hat Trusted Application Pipeline is currently only available as a multi-tenant hosted service and as such, your use of these services may be visible to the general public, including your user name, application name, repository name, or other identifying information. If you do not agree to that, do not use the service. If you are connecting to a third party code repository you are responsible for any authentication with that repository and for complying with any terms required by that service. Red Hat may, at its discretion, access the cluster and any work done on it.

2. Red Hat 3scale API Management, Hosted. Table 2 lists the applicable Unit and any additional conditions. "3Scale Account" means additional account access to the Online Services.

Table 2

Online Service	Unit
Red Hat 3scale API Management, Hosted	API Calls on a daily basis in millions
Red Hat 3scale API Management Add On Account *	3Scale Account

*API Management Add-On Account requires an underlying Red Hat 3scale API Management Platform, Hosted Subscription and does not come with any Support.

2.1 Usage Conditions. You must purchase Subscriptions in amounts that can reasonably accommodate traffic spikes. Without limiting the foregoing obligation, Red Hat reserves the right to suspend the Online Services without notice if your API Calls volume exceeds four times (4x) the per second limit. "Per second limit" means two times the maximum number of API Calls allowable per day in your contracted Subscription tier divided by the number of seconds in a day rounded up to the nearest whole number. For example, if your maximum API Calls per day is three million (3,000,000), the per second limit would be equal to seventy (70) API Calls. Red Hat reserves the right to suspend the Online Service if your API Call volume exceeds the maximum limits of fifty million (50,000,000) per day, thirty thousand (30,000) per minute or one thousand (1,000) per second, unless otherwise agreed by the parties in writing. There is no limit on the number of environments and locations where you may deploy API management agents.

- 2.2 Utilization Policy.** Red Hat evaluates quota compliance on a monthly basis. If your actual API Calls exceed the purchased amount for two or more days per month, you will either (a) reduce traffic consumption to return to compliance with the number of Units you purchased; or (b) purchase additional Subscriptions. Red Hat also reserves the right to evaluate your API Call volume on a per second limit basis (defined above) in a two week period (“**Throughput**”). For purposes of calculating Throughput, Red Hat will remove the top five percent (5%) peaks of your API Calls during that period. In other words, Throughput can exceed the amount of API Calls you have purchased five percent (5%) of the time in each of the 2 weeks. If your Throughput exceeds the rate you purchased more than five percent (5%) of the time during the month, you will either (a) reduce traffic consumption to return to compliance with the number of Units you purchased or (b) purchase additional Subscriptions.
- 3. Azure Red Hat OpenShift.** Red Hat Azure OpenShift from Microsoft (“**ARO**”) is a Microsoft product offering with support primarily provided by Microsoft. However, if you contact Red Hat for Support for ARO, (a) it will be provided subject to the Agreement, including this Product Appendix 4 (to the extent applicable); (b) you acknowledge and agree that Red Hat and Microsoft may share information relating to the support case in order to address your support issue; and (c) you consent to the transfer and sharing of the information between the parties for such purpose. All other terms with respect to the ARO offering are between you and Microsoft. Exhibit C (Maintenance, Service Availability and Credits) does not apply to ARO.

EXHIBIT B
MAINTENANCE, SERVICE AVAILABILITY, AND CREDITS



- Maintenance.** Red Hat may perform periodic maintenance to the Online Services and to systems supporting them. If Red Hat expects planned maintenance to negatively affect the availability of the Online Services, we will send notice to the email address associated with Your Account or registered for notification from the Online Service portal and also post a notice at the respective Online Service portal. To receive notifications, you must ensure that Your Account and email address are accurately registered in the applicable Online Service portal. In addition, Red Hat may from time to time perform emergency unscheduled maintenance. If Red Hat expects that such maintenance may negatively affect the availability of the Online Services, Red Hat will use commercially reasonable efforts to inform and update you as to such maintenance with respect to the applicable service via the Online Service portal.
- Availability & Service Credits.** During the term of your Subscriptions, Red Hat will use commercially reasonable efforts to maintain Monthly Availability for Online Services at or above 99.95%. **“Monthly Availability”** means the total number of minutes in a calendar month minus the aggregate minutes of all Downtime for a specific Online Service during the same calendar month, divided by the total number of minutes in the calendar month. **“Downtime”** means a period of more than five consecutive minutes in which a specific Online Service is Unavailable to you, excluding those circumstances listed in Table 2(a). Table 2(a) below sets forth what is considered **“Unavailable”** for each Online Service and what is excluded from Downtime.

Table 2(a)

Red Hat Online Service	Unavailable	Excluded from Downtime
Red Hat OpenShift Dedicated	No availability to the cluster’s API endpoint for a Red Hat OpenShift Dedicated cluster managed by Red Hat.	<ul style="list-style-type: none"> Any maintenance as described above Any force majeure event as described in the Agreement or other failure or deficiency in availability caused by events outside Red Hat’s reasonable control, including outages elsewhere on the Internet or due to a denial of service attack Any actions or inactions by you or your Authorized Users Any outage or interruption due to the installation, configuration or use of software, services or other technology provided or accessed by you or any third party Any interruption caused by your Infrastructure Services or Third Party Offerings Any Service Suspension as defined in Section 6.1 Any outage with respect to Preview offerings Any lack of availability due to stress or penetration testing With respect to any Red Hat OpenShift Dedicated Layered Online Services, unavailability of the underlying Red Hat OpenShift Dedicated cluster With respect to Red Hat OpenShift Database Access, unavailability of the third-party database or database operators With respect to Red Hat Advanced Cluster Security Cloud Service (all variants), unavailability of third party SSO providers or clusters, image repositories, and third party integrations managed by you
Red Hat 3scale API Management, Hosted	No availability to the service management API, which acts as the cloud authorization service for API requests.	
Red Hat OpenShift Service on AWS	No availability to the cluster’s API endpoint for a Red Hat OpenShift Service on AWS cluster.	
Red Hat OpenShift API Management	No availability to the service management API, which acts as the cloud authorization service for API requests.	
Red Hat Hosted Control Pane	No availability when there is no availability to the OpenShift control plane machines.	
Red Hat OpenShift Data Science	No availability to the Red Hat OpenShift Data Science dashboard.	
Quay.io	No availability to the Quay API and Quay UI of the registry, No availability to pull images	
Red Hat Advanced Cluster Security Cloud Service	The server component that executes the scanner, manages persistent storage, provides APIs, and provides the user interface is not available via a web browser or API access.	
Red Hat Advanced Cluster Security Cloud Service for Bare Metal		
Red Hat Advanced Cluster Security - Cloud Service Add-on		
Red Hat Advanced Cluster Security Cloud Service (OSD, ROSA, ARO)		

Monthly Availability is calculated on a per month basis even if you only consume the Online Service for part of the month. If the Monthly Availability for a given calendar month during the Subscription term falls below 99.95% and you have complied with the terms of the Agreement and are current in payment of all applicable Fees, you will be eligible to receive a Service Credit. A Service Credit is calculated as the percentage of the total amount paid for the respective Online Service in the calendar month during which the Monthly Availability fell below 99.95% and will be applied against your payment for the same Online Service in the month immediately following such month).

Table 2(b)

Monthly Availability	Service Credit percentage
99.0-99.95%	10%
Less than 99%	30%

To receive a Service Credit, you must submit a reasonably detailed request to Red Hat at SLA-Claim@redhat.com within fifteen (15) days from the day when the Online Services did not meet the Monthly Availability, but no later than the end of the next calendar month. In the request, you must include the following: (a) the name of your company; (b) the details for the account you believe was affected; (c) the dates, times and time zones during which you claim you are entitled to a Service Credit; and (d) any service logs that document that the Online Services experienced Downtime. Red Hat will review the request and if the request is substantiated, Red Hat will acknowledge its approval of the Service Credit request. Service Credits are only available with respect to Online Services provided for a full calendar month and do not apply to Preview offerings. Service Credits will be applied to the next invoice for the Online Services issued after the Service Credit request has been approved and will not include refunds on prior payments or be applied toward Professional Services. Service Credits are your sole and exclusive remedy for any Downtime. Failure to comply with this Section will forfeit your right to receive a Service Credit. The total Service Credit to be issued by Red Hat to you for any and all Downtime that occurs in a single calendar month will not exceed 30% of the amount due for the use of the specific Online Service that experienced Downtime in the applicable calendar month.