### PRODUCT AND TECHNOLOGY MATRIX

#### Encryption Registration Number: R101995

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In addition to the Embargoed Destinations, Red Hat software and/or technical data may NOT be exported, re-exported or transferred, either directly or indirectly, to a person or entity barred by the United States government from participating in export activities. Denied persons/entities include, but are not limited to, persons and/or entities such as those listed on the U.S. Commerce Department's Denied Persons List, Entities List and the U.S. Department of Treasury's Office of Foreign Assets Control ("OFAC") Specially Designated Nationals List.

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NOTE:

- If no version number is specified for a particular product, the product classification applies to all versions.
- Unless otherwise noted, all product Source Code is publicly available and not subject to the EAR in accordance with §742.15(b).
- For publicly available Red Hat software that is not subject to the EAR, Red Hat has met the notification requirement outlined in §742.15(b) of the EAR.
- Red Hat does not use HTS numbers as we are exporting software in electronic (download) format only. HTS numbers are for exports and imports of tangible items.

## **INFRASTRUCTURE, STORAGE, & MANAGEMENT**

Product Name	ECCN	License Exception	CCATS
.NET Core	5D992.c	NLR	G167674
OpenShift Data Science (RHODS)	5D002.c.1	ENC Unrestricted 740.17(b)(1)	N/A
OpenShift Data Foundation (f.k.a. OpenShift Container Storage)	5D002.c.1	ENC Unrestricted 740.17(b)(1)	N/A
Red Hat Ceph Storage	5D002.c.1	ENC Unrestricted 740.17(b)(1)	N/A
Red Hat Developer Toolset	5D002.c.1	ENC Unrestricted 740.17(b)(1)	N/A

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ECCN	License Exception	CCATS
5D002.c.1	ENC Unrestricted 740.17(b)(1)	N/A
5D992.c	Mass Market 740.17(b)(1)	G189653
5D992.c	Mass Market 740.17(b)(1)	G178356
5D992.c	Mass Market 740.17(b)(1)	G182629
5D992.c	Mass Market 740.17(b)(1)	G182629
EAR99	NLR	N/A
5D992.c	Mass Market 740.17(b)(1)	G182629
5D992.c	Mass Market 740.17(b)(1)	G182629
5D002.c.1	ENC Unrestricted 740.17(b)(1)	G053991
5D002.c.1	ENC Unrestricted 740.17(b)(1)	G075856
5D002.c.1	ENC Unrestricted 740.17(b)(1)	N/A
5D002.c.1	ENC Unrestricted 740.17(b)(1)	G030462
	5D002.c.1   5D992.c   5D902.c.1	5D002.c.1   ENC Unrestricted 740.17(b)(1)     5D992.c   Mass Market 740.17(b)(1)     5D992.c   Mass Market 7

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Product Name	ECCN	License Exception	CCATS
Red Hat Satellite	5D992.c	Mass Market 740.17(b)(1)	N/A
Red Hat Software Collections	5D002.c.1	ENC Unrestricted 740.17(b)(1)	N/A
Red Hat Gluster Storage	5D002.c.1	ENC Unrestricted 740.17(b)(1)	N/A
Red Hat Subscription Asset Manager	5D002.c.1	ENC Unrestricted 740.17(b)(1)	N/A
Red Hat Virtual Storage Appliance	5D002.c.1	ENC Unrestricted 740.17(b)(1)	N/A
Red Hat Update Infrastructure	5D002.c.1	ENC Unrestricted 740.17(b)(1)	N/A
Product Discovery (Red Hat Subscription Management)	5D002.c.1	ENC Unrestricted 740.17(b)(1)	N/A

### **IDENTITY MANAGEMENT**

Product Name	ECCN	License Exception	CCATS
Red Hat Certificate System 8.x, and Red Hat Certificate System 9.x	5D002.c.1	ENC Unrestricted 740.17(b)(1)	N/A
Red Hat Directory Server 9.x, and Red Hat Directory Server 10.x	5D002.c.1	ENC Unrestricted 740.17(b)(1)	N/A
Red Hat Directory Server 8.0	5D992	Mass Market 740.17(b)(1)	G050610
Red Hat Directory Server 7.1	5D992	Mass Market 740.17(b)(1)	G041941
Red Hat Trusted Artifact Signer	EAR99	NLR	N/A

# **CLOUD, AUTOMATION**

Product Name	ECCN	License Exception	CCATS
Advanced Cluster Management	5D002.c.1	ENC Unrestricted 740.17(b)(1)	N/A
Ansible Tower	5D002.c.1	ENC Unrestricted 740.17(b)(1)	G162504
Ansible Engine	EAR99	NLR	N/A
Ansible Automation Platform	5D002.c.1	ENC Unrestricted	N/A

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Product Name	ECCN	License Exception	CCATS
Note: This includes all supported collections distributed via Ansible Automation Hub.		740.17(b)(1)	
Atomic Enterprise Platform	5D002.c.1	ENC Unrestricted 740.17(b)(1)	N/A
CodeReady Workspaces	5D992	Mass Market 740.17(b)(1)	G172354
Red Hat Enterprise Linux CoreOS	5D992	Mass Market 740.17(b)(1)	G174069
CoreOS Tectonic	5D992	Mass Market 740.17(b)(1)	G174069
Red Hat Quay Enterprise, and Red Hat Quay.io	5D992	Mass Market 740.17(b)(1)	G174068
Red Hat Cloud Infrastructure	5D002.c.1	ENC Unrestricted 740.17(b)(1)	N/A
Red Hat CloudForms 2.x Red Hat CloudForms 3.x Red Hat CloudForms 4.x	5D002.c.1	ENC Unrestricted 740.17(b)(1)	G148044
Red Hat Enterprise Linux OpenStack Platform (includes OpenStack for Power)	5D002.c.1	ENC Unrestricted 740.17(b)(1)	G141413

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# **APPLICATION PLATFORM**

Product Name	ECCN	License Exception	CCATS
Red Hat Cryostat	5D992.c	NLR	N/A
OpenShift Container Platform (includes OpenShift Serverless)	5D002.c.1	ENC Unrestricted 740.17(b)(1)	G146915
OpenShift Application Runtimes	5D002.c.1	ENC Unrestricted 740.17(b)(1)	N/A
Red Hat OpenJDK (includes Red Hat OpenJDK on Windows)	5D992.c	NLR	G167674
Red Hat 3scale API Management	5D992.c	NLR	N/A
Red Hat Development Suite Includes the following: DevSuite Installer Red Hat Container Development Kit (CDK) Red Hat OpenJDK Red Hat JBoss Developer Studio Cygwin installer	5D992.c	NLR	G167674
Red Hat A-MQ	5D002.c.1	ENC Unrestricted 740.17(b)(1)	N/A
Red Hat Process Automation Manager (Red Hat JBoss BPMS)	5D002.c.1	ENC Unrestricted 740.17(b)(1)	N/A
Red Hat Decision Manager (Red Hat JBoss BRMS)	5D002.c.1	ENC Unrestricted 740.17(b)(1)	N/A
Red Hat Data Grid	5D002.c.1	ENC Unrestricted 740.17(b)(1)	N/A
Red Hat JBoss Data Virtualization (Services)	5D002.c.1	ENC Unrestricted 740.17(b)(1)	N/A
Red Hat JBoss Developer Studio	EAR99	NLR	N/A
Red Hat JBoss Enterprise Application Platform	5D002.c.1	ENC Unrestricted 740.17(b)(1)	N/A
Red Hat JBoss Enterprise Web Platform	5D002.c.1	ENC Unrestricted 740.17(b)(1)	N/A
Red Hat Fuse	5D002.c.1	ENC Unrestricted 740.17(b)(1)	N/A
Red Hat Integration	5D992.c.1	NLR	N/A
Red Hat JBoss Operations Network	5D002.c.1	ENC Unrestricted 740.17(b)(1)	N/A
Red Hat JBoss Portal	5D002.c.1	ENC Unrestricted 740.17(b)(1)	N/A
Red Hat Build of Keycloak (RHBK)	5D992.c	NLR	N/A

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Product Name	ECCN	License Exception	CCATS
Red Hat Single Sign-On (RH-SSO)	5D992.c	NLR	N/A
Red Hat JBoss SOA Platform	5D002.c.1	ENC Unrestricted 740.17(b)(1)	N/A
Red Hat JBoss Web Framework Kit	5D002.c.1	ENC Unrestricted 740.17(b)(1)	N/A
Red Hat JBoss Web Server	5D002.c.1	ENC Unrestricted 740.17(b)(1)	N/A
Red Hat Mobile Application Platform	5D002.c.1	ENC Unrestricted 740.17(b)(3)	G156916
Red Hat Developer Hub	5D992	Mass Market 740.17(b)(1)	N/A
Red Hat Plug-ins for Backstage	5D992	Mass Market 740.17(b)(1)	N/A

### **COMMUNITY PROJECTS**

NOTE: Community Project software in source code and binary code form are publicly available and are not subject to the EAR in accordance with §742.15(b). Red Hat has met the notification requirement outlined in §742.15(b) of the EAR.

Ansible Galaxy (galaxy.ansible.com)
Ansible.org
Ceph.org
CentOS.org
Cygwin.org
JBoss.org (various projects)
Fedora (GetFedora.org)
ManagelQ.org
Mobicents.org
GNUPro Developer Tools
Spacewalk.org
Red Hat Emerging Technologies http://et.redhat.com/page/Main_Page
oVirt.org
OpenShift Origins (Openshift.org)

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### **LEGACY PRODUCTS**

Product Name	ECCN	License Exception	CCATS
Red Hat Certificate Management System 7.2	5D992	Mass Market**	G050610
Red Hat Certificate Management System 7.1	5D992	Mass Market**	G041941
Red Hat Cluster Suite (RHEL 5 and earlier)	EAR99	NLR	N/A
Red Hat Enterprise Linux 2.1 Desktop and Server	5D002.c.1	ENC Unrestricted 740.17(b)(1)	G030697
Red Hat Network 4.0 Satellite	5D992	Mass Market	G043498
MetaMatrix Enterprise	5D002.c.1	ENC Unrestricted 740.17(b)(1)	G056330
SolidICE	5D002.c.1	ENC Unrestricted 740.17(b)(1)	G066819
Red Hat Enterprise Linux OpenStack Certification Test Suite	5D002.c.1	ENC Unrestricted 740.17(b)(1)	G151046

\*\*Any bundling of this product with 5D002 Source code requires separate review and classification.