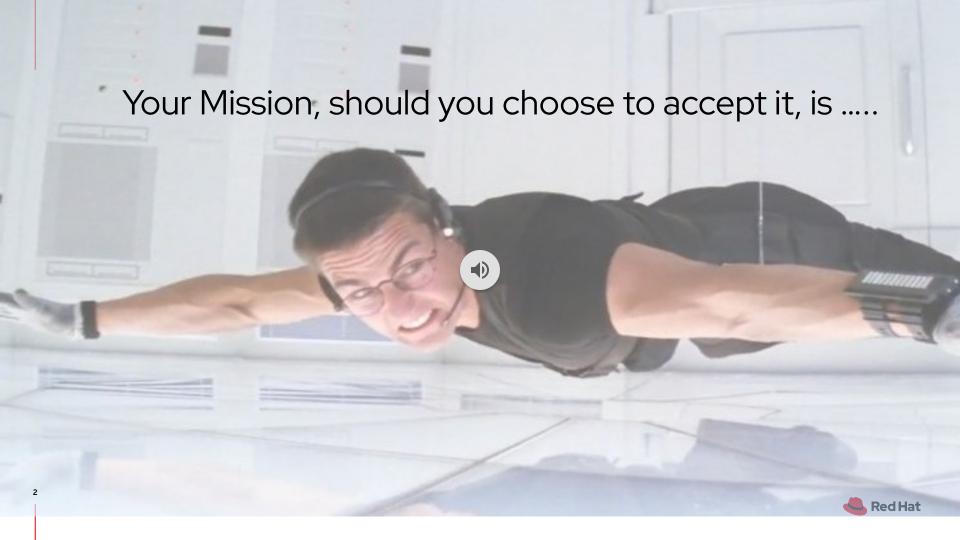


# From upstream to product

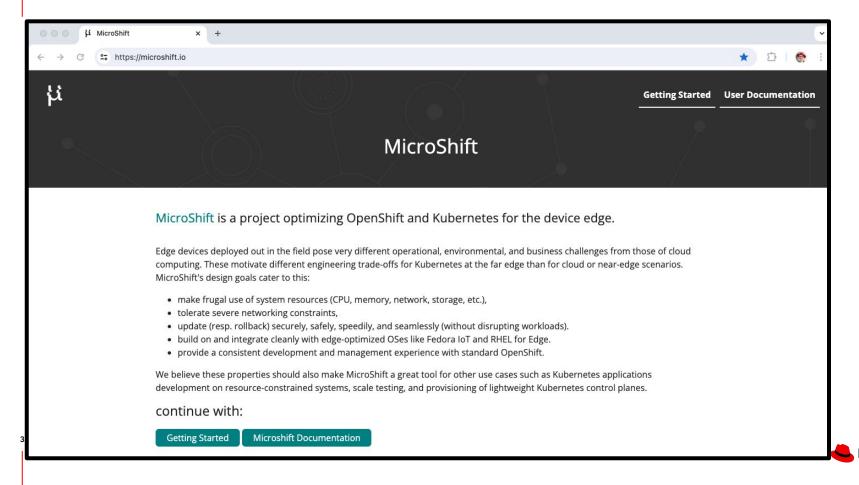
A travel report

Daniel Fröhlich
Principal Product Manager OpenShift Edge

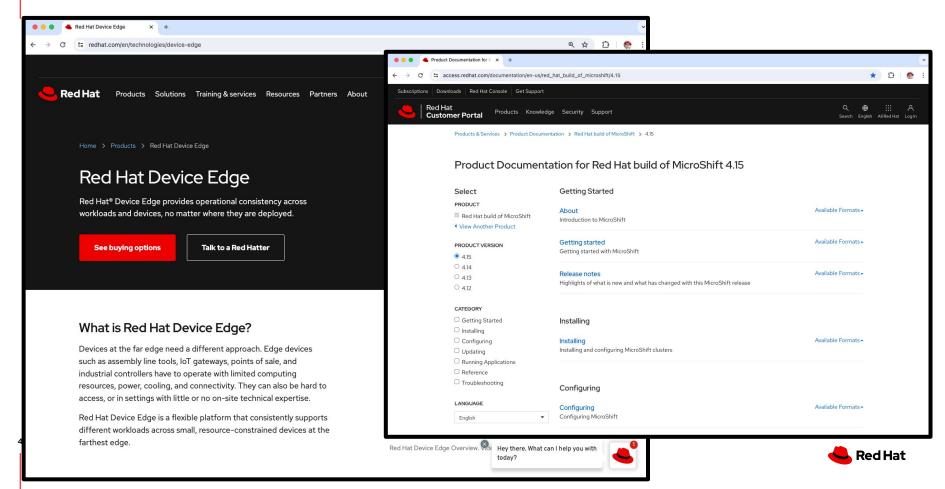




### Take this....



## .... and turn it into this:





# ~1.5y from "go decision" to product GA

04/21: First commit of MicroShift to github by CTO team

03/22: Decision to productise MicroShift

07/22: Team identified and fully on-boarded

09/22: Final approval of product name by brand and legal: the child has a name!

10/22: First private beta binaries delivered to early access program customers

01/23: V4.12 Developer Preview Release (aka Alpha)

03/23: Red Hat Prod Security wakes up

05/23: V4.13 Technology Preview Release (aka Beta)

11/23: V4.14 General Availability Release, incl. CNCF certification

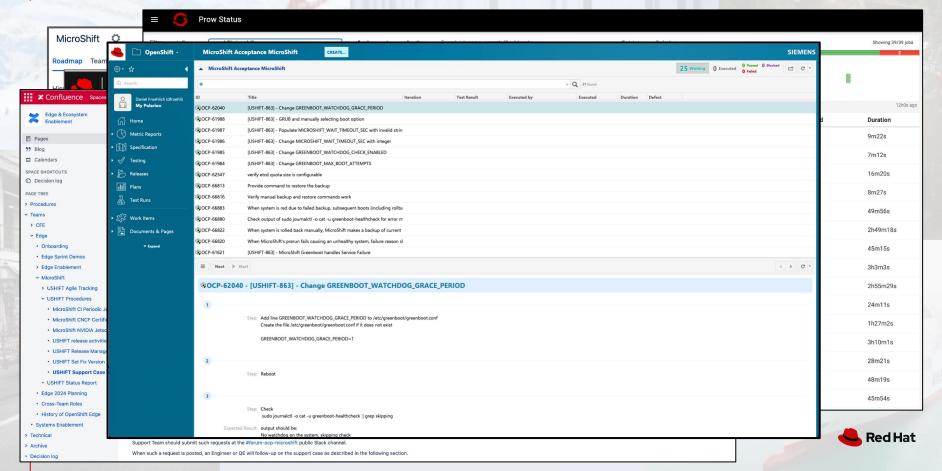








# **Means of transportation - Tooling**





📄 Red Hat Device Edge - Export Authorization Request Form (EARF) 🛚 🔅 🙆 🙆

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#### **Export Authorization Request Fo...**

- 1. PRODUCT DETAILS
- 2. PRE-GA RELEASE(S)
- 3. GA RELEASE
- 4. ENCRYPTION
- 6. SUBMIT FORM
  - 6(a). Minor Releases Submit U...

#### **DEFINITIONS & EXAMPLES**

Key terms

FAQs

EARF Red Hat Device Edge | 4.x

#### Export Authorization Request Form (EARF)

1. PRODUCT DETAILS

2

2. PRE-GA RELEASE(S)

3

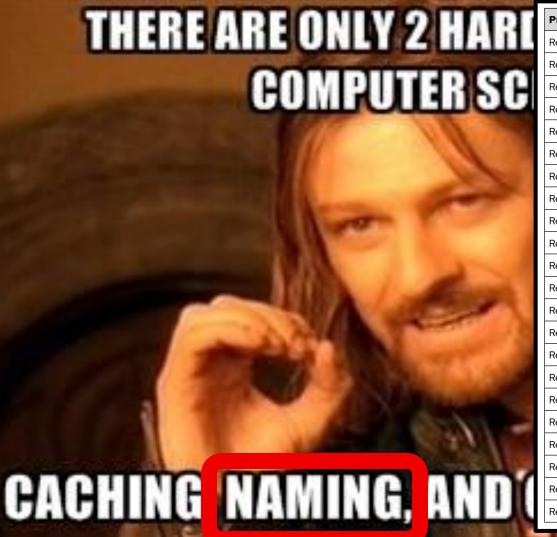
#### RED HAT, INC. U.S. EXPORT INFORMATION

#### PRODUCT AND TECHNOLOGY MATRIX

Encryption Registration Number: R101995

Product Name	ECCN	License Exception	CCATS
Red Hat Device Edge	5D002.c.1	ENC Unrestricted 740.17(b)(1)	N/A
Red Hat Enterprise Linux 9.x Includes <u>all</u> versions of RHEL 9 Includes <u>all</u> RHEL 9 add-ons	5D992.c	Mass Market 740.17(b)(1)	G189653
Red Hat Enterprise Linux 8.x Includes <u>all</u> versions of RHEL 8 Includes <u>all</u> RHEL 8 add-ons	5D992.c	Mass Market 740.17(b)(1)	G178356

Product managers, Program managers, and sometimes Engineers



#### **Proposed names** Red Hat Edge Device Red Hat Endpoint Red Hat Device Edge Red Hat Edge Platform Red Hat EdgeShift Red Hat Open Edge Red Hat Remote Red Hat EdgeCase Red Hat Perimeter Red Hat LiteShift Red Hat OuterShift Red Hat Exos Red Hat Exo Shift Red Hat Verge Red Hat Outside Red Hat Flex or FlexShift Red Hat NearShift Red Hat Field Edge Red Hat Micro Edge Red Hat Nano Red Hat Fringe Red Hat Expanse



#### RH-SDL Runbook

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- Table of Contents
- Scope
- Onboarding a new product or cloud service on RH-SDL
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  - Secure Development Training
    - How to Do It
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  - Threat Model
    - Definition of Done SD Elements (SDE)
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    - Definition of Done
  - Security Architecture Review (SAR)
  - Security Architecture Review
    - Definition of Done
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    - Definition of done
  - RH-SDL Dashboard





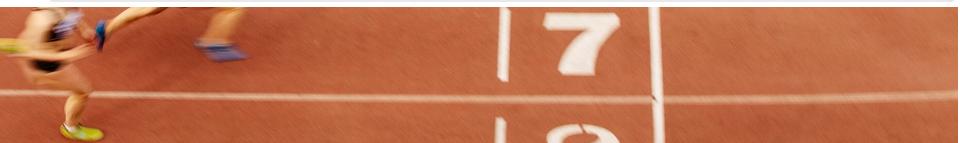


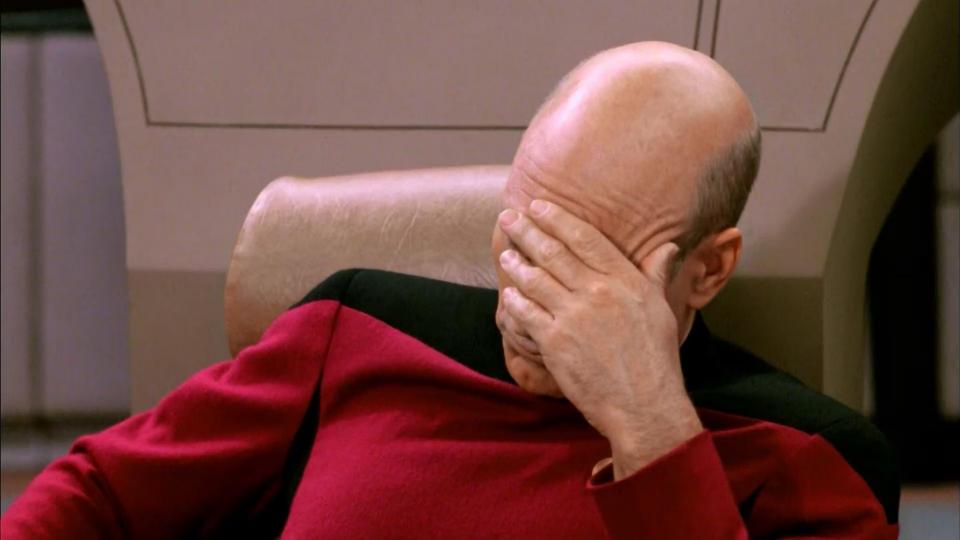
#### DanielF 🏅 6 months ago

I have trouble upgrade from ocp repos:

Problem: cannot install the best update candidate for package microshift-4.14.0~rc.7-

- nothing provides microshift-greenboot = 4.14.0 needed by microshift-4.14.0-202310261440.p0.g1586504.assembly.4.14.0.el9.x86\_64











# Thank you

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