Linuxfest MI

Bill Malchisky – ESS
Barry Rosen – HCL
Luis Guirigay – IBM
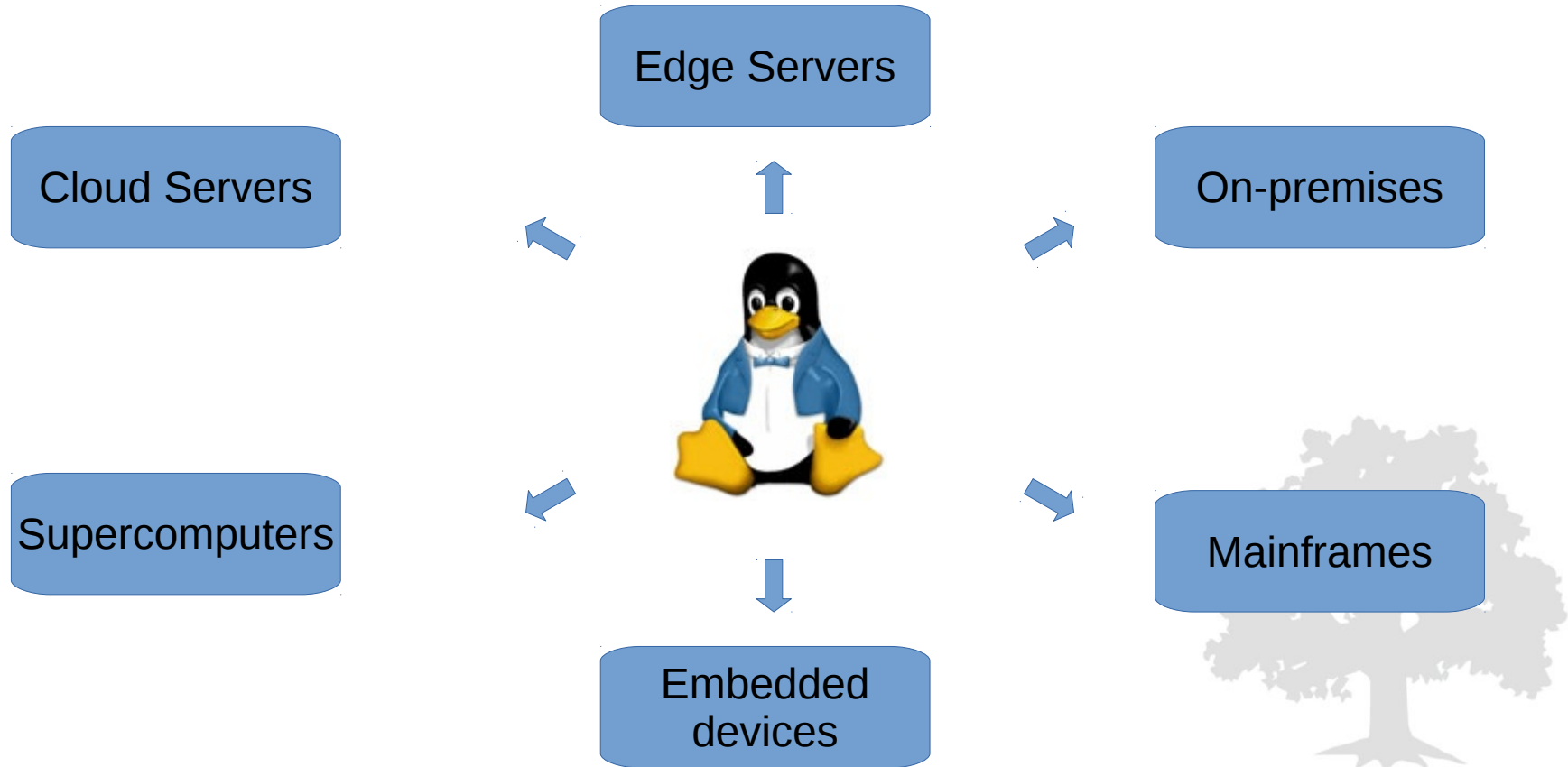
CollabSphere 2018 Sponsors

- Great platform from IBM
  - Pervasive encryption
  - Ridiculously fast
  - Refines scalability

- 58B DB transactions/day

- Two models: Emperor II & Rockhopper II

https://www.ibm.com/it-infrastructure/linuxone

System Information

System hostname ▓▓▓▓.effectivesoftware.com (127.0.0.1)

Operating system Redhat Enterprise Linux 5

Time on system Thu Jul 19 15:31:54 2018

Processor information Intel(R) Xeon(R) CPU 5130 @ 2.00GHz, 2 cores

➡ **System uptime** 2650 days, 14 hours, 00 minutes

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That's 7.25 in human years!

The Red Hat Enterprise Linux 5, 6, and 7 Life Cycle*:

		Extended Life-cycle Support (ELS) Add-On**	
Full Support (~ 5 ½ years)	Maintenance Support 1 (1 year) Maintenance Support 2 (~ 3 ½ years)	Extended Life Phase (Ongoing)	
Year 1 Year 2 Year 3 Year 4 Year 5	Year 6 Year 7 Year 8 Year 9 Year 10	Year 11+	

* The life-cycle time spans and dates are subject to adjustment.

**ELS only offered on RHEL 5 and RHEL 6.

Source: https://access.redhat.com/support/policy/updates/errata

In Red Hat Enterprise Linux 6, EUS is available for the following minor releases:

6.0 (ends November 30, 2012)

6.1 (ends May 31, 2013)

6.2 (ends January 7, 2014)

6.3 (ends June 30, 2014)

6.4 (ends March 3, 2015)

6.5 (ends November 30, 2015)

6.6 (ends October 31, 2016)

6.7 (ends December 31, 2018)

Source: https://access.redhat.com/support/policy/updates/errata

In Red Hat Enterprise Linux 7, EUS is available for the following releases:
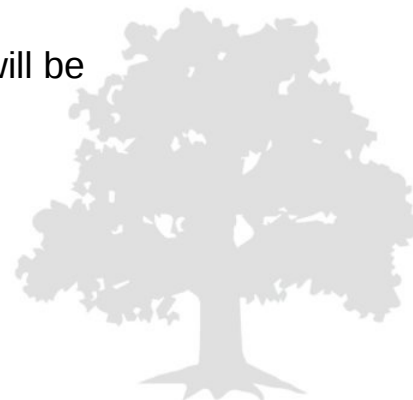
7.1 (ends March 31, 2017)

7.2 (ends November 30, 2017)

7.3 (ends November 30, 2018)

7.4 (ends August 31, 2019)

7.5 (ends April 30, 2020)

Future Red Hat Enterprise Linux 7 releases for which EUS is available will be added to the above list upon release.

Source: https://access.redhat.com/support/policy/updates/errata

RHEL Product Timeline

Life-cycle Dates

All future dates mentioned for "End of Full Support" and "End of Maintenance Support 1" are close approximations, non definitive, and subject to change.

Version	General Availability	End of Full Support	End of Maintenance Support 1	End of Maintenance Support 2 (Product retirement)	End of Extended Life-cycle Support	End of Extended Life Phase
6	November 10, 2010	May 10, 2016	May 10, 2017	November 30, 2020	June 30, 2024	Ongoing
7	June 10, 2014	~Q4 of 2019	~Q4 of 2020	June 30, 2024	N/A	Ongoing
7 (ARM)	November 13, 2017	November 30, 2020	N/A	N/A	N/A	Ongoing
7 (POWER9)	November 13, 2017	November 30, 2020	N/A	N/A	N/A	Ongoing
7 (System z (Structure A))	April 10, 2018	November 30, 2020	N/A	N/A	N/A	Ongoing

Source: https://access.redhat.com/support/policy/updates/errata

Working together on hybrid applications

- Red Hat OpenShift Container Platform
- IBM Cloud Private
- WebSphere, DB2, MQ Series

https://www.redhat.com/en/partners/red-hat-and-ibm
Image source: https://www-03.ibm.com/linux/

- We <u>announced</u> Domino on Docker support
  - Both in the short-term
  - And in the next Feature Pack
- What big news do we have for the Linux crowd this year?

Debian-Based Slax 9.5.0 Released

– Now Available on Hardware-based AES Encrypted USB Keys

– http://i.securitythinkingcap.com/QcTlDh

- ## The Plastic Bank

  - IBM LinuxONE^{TM} and Blockchain

  - https://www.youtube.com/watch?v=p0WH-EJ8FTA

- ## gkd-el Loves Linux on IBM Z®

  - https://www.ibm.com/us-en/case-studies/gkd-el

- IBM Brings Cloud-native Environment to Private Clouds
  - https://www-03.ibm.com/press/us/en/pressrelease/53328.wss
- "What is Docker Networking?"
  - https://www.oreilly.com/learning/what-is-docker-networking