

Linuxfest MI



Bill Malchisky – ESS
Barry Rosen – HCL
Luis Guirigay – IBM



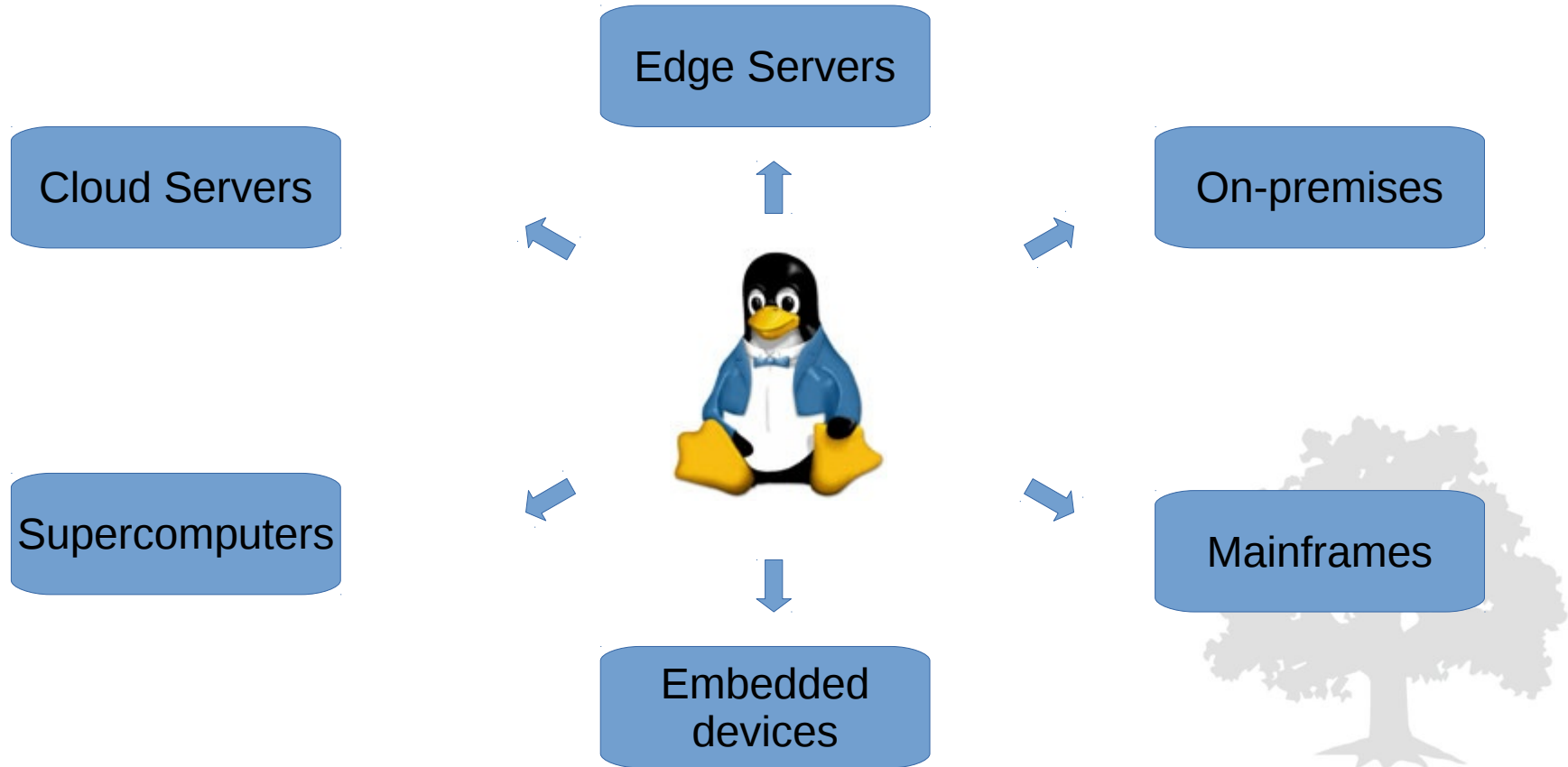
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Ann Arbor, Michigan | July 23-25



Linux Still on Huge Growth Curve



- 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

That's 7.25 in human years!



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



* 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)

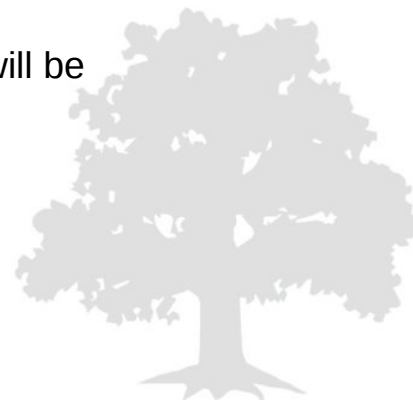
7.2 (ends November 30, 2017)

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.



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 announced 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?





Let's Talk About Nomad

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Debian-Based Slax 9.5.0 Released

- Now Available on Hardware-based AES Encrypted USB Keys
- <http://i.securitythinkingcap.com/QcTIDh>



- The Plastic Bank
 - IBM LinuxONE™ 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>

