

# FreeBSD 11

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# What is Support?

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- Security Advisories and Patches
- `freebsd-update(8)`
- Pre-built packages
- Ports tree “works”



# Current Model

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- Base System
  - <http://www.freebsd.org/security/>
  - Normal (1 year) and Extended (2 year)
- Ports and Packages
  - [http://www.freebsd.org/portmgr/policies\\_eol.html](http://www.freebsd.org/portmgr/policies_eol.html)
  - Packages built on oldest supported release



# Good Things

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- Base system and ports in sync
- Stable branches are “supported”



# Problems

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- Branch support lifetime is unclear
- Releases discouraged
- Lots of releases increase testing workload
  - SA-12:04.sysret broke 8.1



# Goals

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- Keep the things we like
- Have a clear lifetime for branches
  - Common request seems to be 5 years
- Limit overhead of additional releases



# Other OS's

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- Windows / OS X / iOS
  - Most recent point release only
- Ubuntu
  - 5 year LTS
  - 9 month regular releases
- Debian
  - Major release for 3 years
  - New major every 2 years



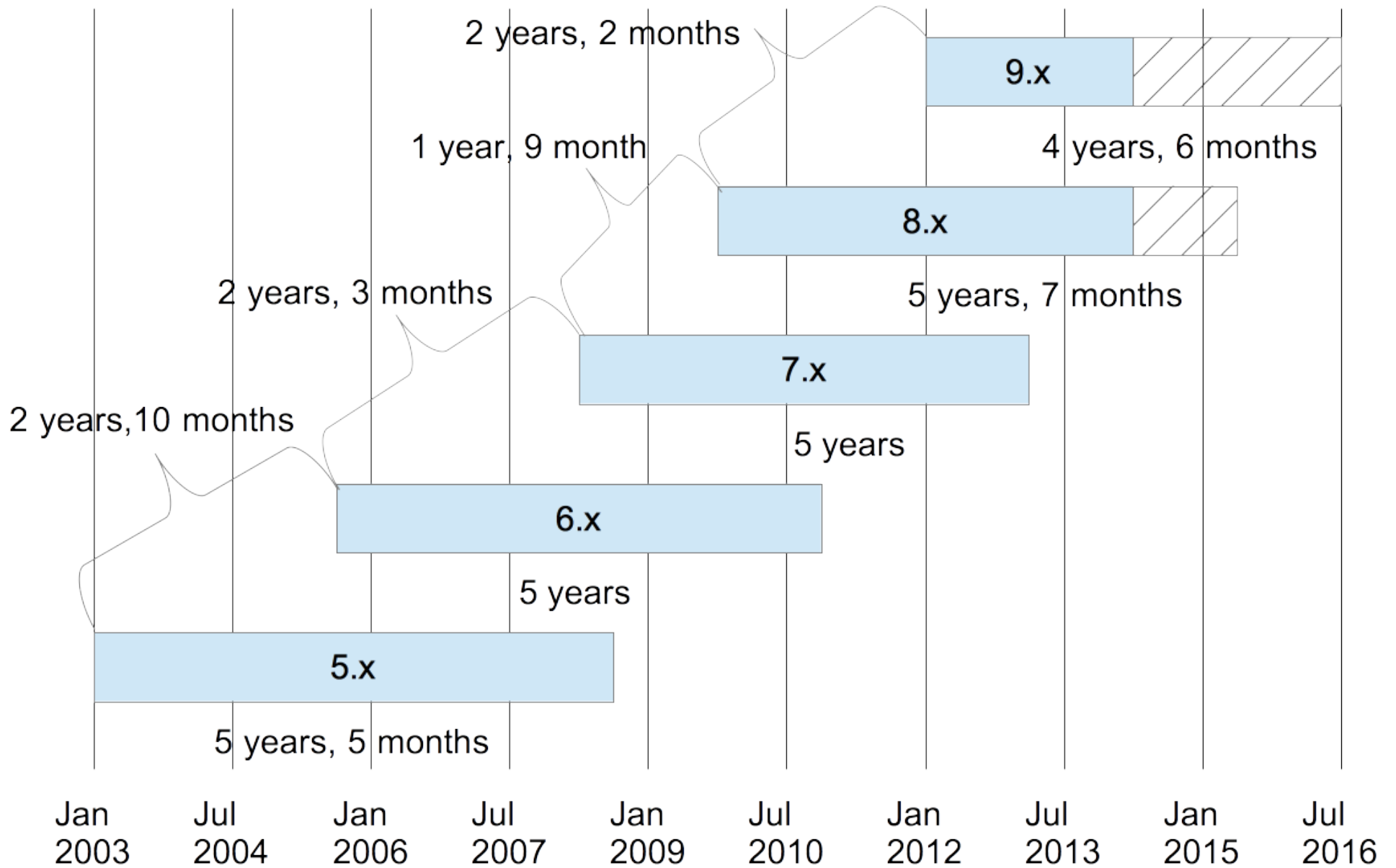
# Proposed Changes

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- Branch-centric model
  - 5 years from X.0
  - Only most recent point release
    - 3 month overlap window
- New stable branch and X.0 every 2 years
  - 1 year overlap window from X to X+2
- Schedule for point releases?







# Schedule

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- Start with 11
- Possibly retroactive to 10



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- Test Suite (jmmv)
- MIPS64
- Scatter/Gather mbufs (scottl)
- lldb (emaste)
- UEFI boot and install support (emaste)
- Package the base system (gjb / bap)

