EdgeX Foundry
Introduction
LTS

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Edge X Jakarta Release

• Our 9th release
• A minor release
• Release date – November 17th
• Jakarta is a stabilization release
• Jakarta is the first Edge X LTS release
Stabilization Release

• No major architect changes
• Everything is backward compatible
• No new name changes
• Allowed/encouraged for this release
  - New (additive) APIs/end points
  - Performance/optimization concerns (bloat around services)
  - Explore 3rd party platforms for options
  - New config (but can’t remove)
• Performance guidance
  - Will EdgeX fit on my system? What is the speed of data through the system? How many “things” can be processed at a time?
• More Testing (discussed later)
• Robustness
  - Restarting of services without issue
  - Track / evaluate footprint
    - CPU, Memory, Image size, especially around 3rd party components
LTS Release

• Our first LTS
  • Per https://wiki.edgexfoundry.org/display/FA/Long+Term+Support
  • But this will be relooked and detailed more during summer 2021

• 2 year support cycle

• Support is defined as:
  • Community members best effort and development priority to fix a security or system bug or major flaw
  • Availability of the source code, test code and artifacts, and program artifacts such as microservice executables, shared libraries, container images (Docker), packages (snaps), etc.
  • Availability of the platform documentation
  • EdgeX will not offer support around 3rd party products (Kong, Vault, Consul, etc.)
See the following links for more details

• EdgeX LTS Policy:  https://wiki.edgexfoundry.org/pages/viewpage.action?pageId=69173332
• Jakarta LTS (what’s included):  
  https://wiki.edgexfoundry.org/pages/viewpage.action?pageId=70948690
• Jakarta Release Page:  https://wiki.edgexfoundry.org/display/FA/Jakarta
• Jakarta Docker Compose Files:  https://github.com/edgexfoundry/edgex-compose/tree/jakarta