



Planet Scale Deployment of LinuxBoot at Google

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Oct, 2025

Open Source Firmware Conference 2025

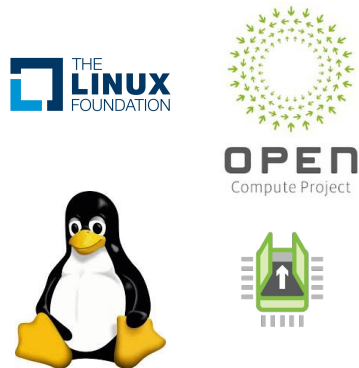
LinuxBoot at Google



Planet Scale



Boot Any OS



Vibrant Community



Planet Scale

Intel X86, AMD X86, and ARM fleet

Servers, switches, IPUs, accelerators,
storage appliances, and more

Planet Scale

Proprietary + Confidential



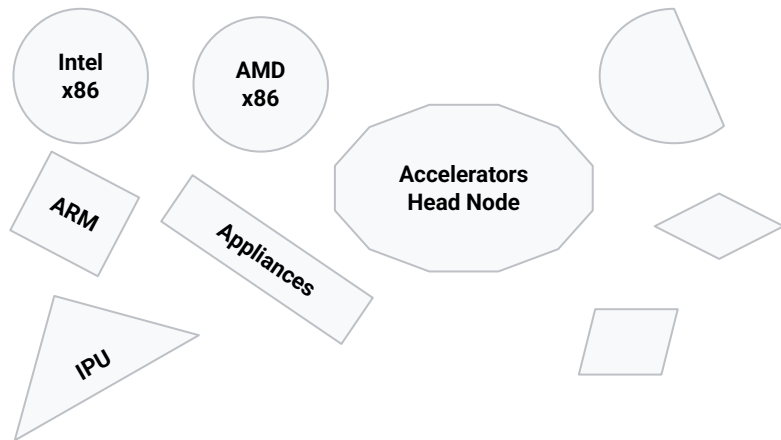
2018

NERF Proposal



Skylake

First real LinuxBoot system in prod



Planet Scale



* Stockholm, Mexico, Osaka, and Montreal have three zones within one or two physical data centers and are in the process of expanding to at least three physical data centers. For more information, please see the ['Geography and regions page'](#).

[Google Cloud
Region Map](#)

 **42**
REGIONS

 **127**
ZONES

 **202**
NETWORK EDGE LOCATIONS

AVAILABLE IN
 **200+**
COUNTRIES AND TERRITORIES

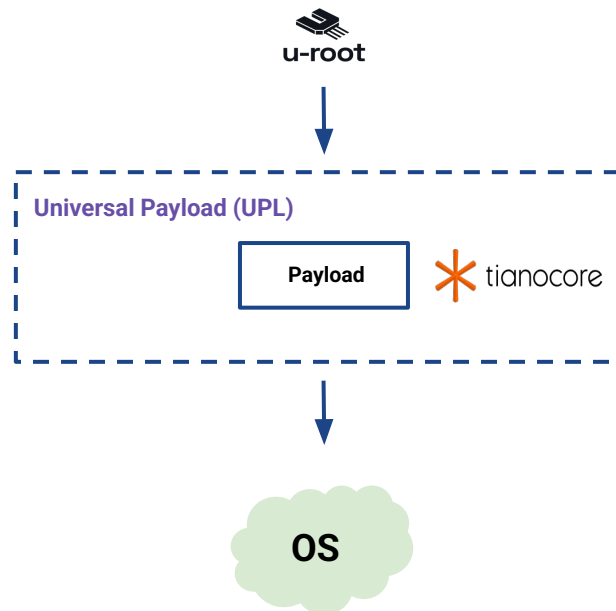


Boot Any OS

Boots linux kernel and any UEFI compliant OS

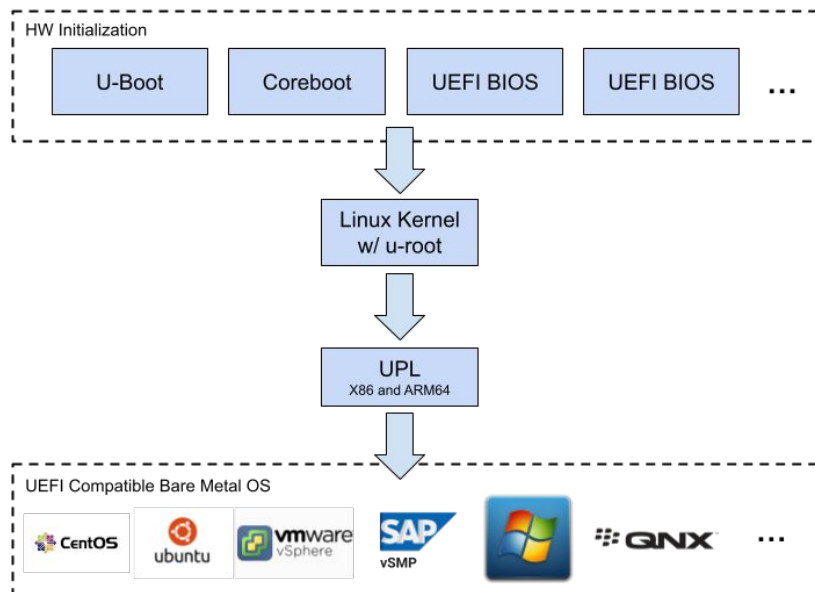
Boot Any OS

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OPEN
Compute Project



Vibrant Community

Security hardened by default

Linux developers are now firmware developers

Vibrant Community

Proprietary + Confidential



OPEN
Compute Project



144 +

Unique Googlers contributed to NERF since 2019

90+

open source contributors to u-root upstream from 4 continents

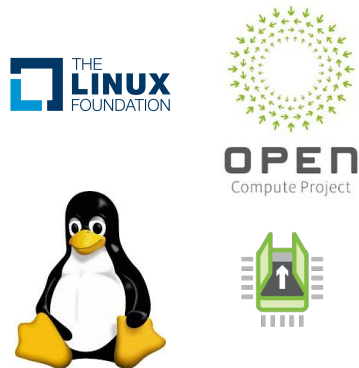
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Boot Any OS



Vibrant Community

A New Beginning

