



LF Edge Interactive Landscape

How to ensure that your org/tech is properly represented

The Cloud Native Trail Map (png, pdf) is CNCF's recommended path through the cloud native landscape. The cloud native landscape (png, pdf), serverless landscape (png, pdf), and member landscape (png, pdf) are dynamically generated below. Please open a pull request to correct any issues. Greyed logos are not open source. Last Updated: 2020-06-04 16:19:48Z

You are viewing 1,407 cards with a total of 2,269,396 stars, market cap of \$16.5T and funding of \$66.13B.

- Reset Filters
- Grouping
- N/A
- Sort By
- N/A
- Category
- N/A
- CNCF Relation
- Any
- License
- Any
- Organization
- Any
- Headquarters Location
- Any

Example filters:

- Cards by age
- Open source landscape
- Member cards
- Cards by stars
- Cards from China
- Certified K8s/KCSP/KTP
- Cards by MCap/Funding

Download as CSV



[Landscape](#)
[Card Mode](#)
[Serverless](#)
[Members](#)

App Definition and Development

Database: Veeva, KV, ...
 Streaming & Messaging: cloudevents, NATS, ...
 Application Definition & Image Build: HELM, ...
 Continuous Integration & Delivery: argo, ...

Orchestration & Management

Scheduling & Orchestration: kubernetes, ...
 Coordination & Service Discovery: CoreDNS, etcd, ...
 Remote Procedure Call: gRPC, ...
 Service Proxy: envoy, ...
 API Gateway: ...
 Service Mesh: LINKERD, ...

Runtime

Cloud Native Storage: ...
 Container Runtime: cri-o, ...
 Cloud Native Network: CNI, ...

Provisioning

Automation & Configuration: ...
 Container Registry: ...
 Security & Compliance: falco, ...
 Key Management: ...

Platform

Certified Kubernetes - Distribution: ...
 Certified Kubernetes - Hosted: ...
 Certified Kubernetes - Installer: ...
 PaaS/Container Service: ...

Observability and Analysis

Monitoring: ...
 Logging: fluentd, ...
 Tracing: ...
 Chaos Engineering: ...

Serverless

...

CLOUD NATIVE Landscape

This landscape is intended as a map through the previously uncharted terrain of cloud native technologies. There are many routes to deploying a cloud native application, with CNCF Projects representing a particularly well-trodden route.

l.cncf.io

Kubernetes Certified Service Provider

Kubernetes Training Partner

Members

Special

Helping navigate the expansive edge ecosystem



LF Edge Interactive Landscape

The LF Edge landscape (png, pdf) is dynamically generated from a community-supported Github account. It is modeled after the CNCF landscape and based on the same open source code.

If you would like to contribute, please open a [pull request](#) with projects in the edge ecosystem. Please note all images submitted must be true SVG files, include a URL to the company's site, and a Crunchbase link. Please open a pull request to correct any issues. Greyed logos are not open source. Last Updated: 2020-06-02 15:33:22Z

You are viewing 166 cards with a total of 93,710 stars, market cap of \$7.51T and funding of \$5.11B.

<https://landscape.lfedge.org/>

- Reset Filters
- Grouping: N/A
- Sort By: N/A
- Category: N/A
- LF Edge Relation: Any
- License: Any
- Organization: Any
- Headquarters Location: Any

- Example filters:
- Open source cards by age
 - Apache-2.0 landscape
 - Cards in categories
 - Cards by stars
 - Group by location
 - Cards by MCap/Funding

Download as CSV



Navigation: Landscape | Card Mode

ORG	Traffic Routing	Communication Service Provider	CDN & Distributed Caches	Edge PaaS	IoT Focused	Decentralized			
Security	Networking	Monitoring	Provisioning	Virtualization	IAAS	Physical	Other		
Core Silicon (CPU / PLC)	Accelerators (GPU / FPGA / TPU)	Edge OEMs	Wireless	Wireline	Traditional	Non Traditional	Towers	Municipal Right of Way	Services / System Integrators
Premier	General						Associate	Liaison	

Hardware: STATE OF THE EDGE 2020

Other Edge Related Software

Real Estate / Land

Services / System Integrators

Taxonomy

- **.Org:** Standards and collaboration groups involved in facilitating discussion by edge stakeholders of edge.
- **Traffic Routing:** DNS and software/projects to monitor and route traffic to the correct place.
- **Platforms:** Platforms focused on deploying, managing, and scaling custom-workloads at the edge (CDN & Distributed Caches, Application Delivery Network (ADN), Edge PaaS, IoT Focused, Decentralized)
- **Security:** Applications and projects focused primarily on security.
- **Networking:** Software or solutions that control the movement of packets (e.g. SD-WAN, NFV, NOS)
- **Infrastructure:** Infrastructure as a Service tools, vendors, and platforms for edge compute (Monitoring, Provisioning, Virtualization, Physical).
- **Hardware:** Physical gear, including assembled components (Core Silicon, Accelerators).
- **Edge OEMs:** Original Equipment Manufacturers (OEM) building key components critical for the edge ecosystem.
- **Wireless & Wireline:** Physical network infrastructure , protocols, & tooling focused and used at the edge (Fiber & Peering, Wireless).
- **Real Estate / Land / Data Centers:** Companies focused on building, maintaining, and operating data centers and related critical infrastructure for the edge (Tradition, Non-Traditional, Towers & Related, Municipal Right of Way)
- **Services / System Integrators:** Services for people integrating and deploying at the edge.
- **Other Edge Related Software:** Software projects /platforms common, but not specific to any of the other categories.
- **LF Edge Member Companies:** Member companies of LF Edge.

How to add a new listing / edit an existing entry

Github repo: <https://github.com/State-of-the-Edge/lfedge-landscape>

- Open a PR or issue (with edits to the landscape.yml)
- Required inputs:
 - Name of organization or technology
 - Homepage url
 - .svg logo ***Important: Only .svg format logos are accepted**
 - Twitter url
 - Crunchbase url
 - Assigned category (Descriptions for categories can be found in the [README.md](#))

```
landscape:
- category:
  name: .ORG
  subcategories:
  - subcategory:
    name: .ORG
    items:
    - item:
      name: Cloud Native Computing Foundation
      homepage_url: 'https://www.cncf.io/'
      logo: 'https://github.com/cncf/artwork/blob/master/other/cncf/stacked/color/cncf-stacked-color.svg'
      twitter: 'https://twitter.com/cloudnativefdn'
      crunchbase: 'https://www.crunchbase.com/organization/cloud-native-computing-foundation'
```

Alternate option: Email the required inputs to glossary-wg-landscape@lists.lfedge.org

How to get involved

- Make sure your listing is up to date (<https://landscape.lfedge.org/>)
- Join the email list: <https://lists.lfedge.org/g/glossary-wg-landscape>
- Join the bi-weekly calls: <https://lists.lfedge.org/g/glossary-wg-landscape/calendar>
- Contribute to other SOTE projects:
 - State of the Edge reports
 - Open glossary of Edge Computing



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