Cloud Native Landscape

v0.9.4

CLOUD NATIVE COMPUTING FOUNDATION | Redpoint | Amplify PARTNERS

Application Definition & Development

Databases: Amazon Aurora, MySQL, PostgreSQL, Cassandra, SQL Server, Oracle Database, MongoDB, Cockroach Labs, Couchbase, RethinkDB, IBM DB2, BigchainDB, Redis, MariaDB, NoSQL, Vitesse Data, TiDB, Crate.io

Data Warehouse: Big Query, Amazon RDS, Spark, SQL Data Warehouse, Snowflake, Druid, Qubole

Streaming: kafka, Spark Streaming, Dataflow, Flink, Heron, Apex, Storm, NATS, RabbitMQ, Spark

Languages & Frameworks: JS, Angular, python, React, C#, Ruby, C, Java, php, .NET, Node.js, Golang, Rails, Spring, Meteor, Lightbend

SCM: GitHub, GitLab, Bitbucket

Registry Services: Docker Registry, Quay by CoreOS, AWS, Atomic, JFrog Artifactory, Sonatype

Application Definition: Packer, Chef, Maven, Apache Ant, Gradle, apache brooklyn, habitat

CI / CD: Jenkins, Travis CI, Codeship, Bamboo, wercker, codefresh, circleci, Spinnaker, GitLab Runner, distelli, CloudBees, shippable, Drone, TeamCity, semaphore, Container Ops, buddybuild, AppVeyor, Solano Labs

Services as Code: stripe, twilio, Algolia, moltin, Mapbox, Segment, Auth0, Checkr, Cloudinary, Keen IO, SendGrid, SMYTE, Shopify, imgIX, PLAID

API management: MuleSoft, apigee, AWS API Gateway, Tyk, KONG, 3scale by Red Hat, akana, tray.io, Mashery, WSO2, zapier

Orchestration & Management

Scheduling & Orchestration: kubernetes, docker SWARM, MESOS, Nomad, AWS ECS

Coordination & Service Discovery: etcd, OSS, CONSUL, CoreDNS, OSS, Apache ZooKeeper, Registrator, SkyDNS, NETFLIX OSS

Service Management: NGINX, AWS ELB, Buoyant, DATAWIRE, weaveflux, traefik, linkerd, gRPC, Apache Thrift ™, HA PROXY, vamp, backplane, TURBINE LABS, NETFLIX OSS, AVI Networks, AVRO, envoy by lyft

Runtime

OS: CoreOS, Atomic, PHOTON™, RANCHER, snappy

Cloud-Native Storage: amazon web services S3, Hadoop, Ceph Block Storage, springpath, HEDVIG, portworx, STORAGEOS, Swiftstack, ROBIN, Infinit, Diamanti, GlusterFS, iguazio, ROOK, MINIO, EMC {code}, REX-Ray, SOLIDFIRE, openSDS, ceph, DATERA, Quobyte, libStorage

Container Runtime: container d, docker, rkt, LXD, libvirt Virtual Driver API, hyper_, OPEN CONTAINER INITIATIVE

Cloud-Native Network: weave, Project Calico, CUMULUS, VPC, docker, TiGERA, Contiv, big switch networks, OPENCONTRAIL, vmware, aviatrix, canal, Aporeto, CNI, NeuVector, ROMANA, midokura, flannel, PLUMgrid, weavenet, OvS Open vSwitch, snaproute

Provisioning

Infrastructure Automation: TERRAFORM, HELM, BOSH, Redspread, INFRAKIT, CLOUD coreo, CloudFormation

Host Management / Tooling: ANSIBLE, CHEF, puppet, CFEngine, SALTSTACK

Secure Images: aqua, anchore, clair, Twistlock

Infrastructure

amazon web services™, Microsoft Azure, Google Cloud Platform, IBM Bluemix, Alibaba Cloud aliyun.com, ORACLE CLOUD, DigitalOcean, openstack CLOUD SOFTWARE, packet, vmware, FUJITSU

Platforms

Paas / Container Service: Docker Engine, OpenShift, Kubernetes, docker, Cloud Foundry, TECTONIC by CoreOS, Cloud Engine, Atomic, CLOUD FOUNDRY, RANCHER, DC/OS, apprenda, APCERA, CONVOX, ContainerShip, VMware Photon Platform, heroku, TRITON, PLATFORM9, Flynn, navops, Cloud 66, Iron.io, DATAWIRE, container, GRAVITATIONAL, PaaSTA, remind, StackEngine, Giant Swarm, nirmata, DEIS, KONTENA

Event-based compute: AWS Lambda, Cloud Functions, Firebase, webtask, OpenWhisk, Azure Functions, StackHut, SERVERLESS, ORACLE, PubNub BLOCKS, fission, Lever OS

Observability & Analysis

Monitoring: New Relic, APPDYNAMICS, Prometheus, docker, StackDriver, AWS CloudWatch, TECTONIC by CoreOS, LIGHTSTEP, NODESOURCE, CLOUD FOUNDRY, RANCHER, sysdig, WAVEFRONT, weave, signal fx, librato, dynatrace, INSTANA, Procona, opsclarity, Nagios, OPENTSDB, ZABBIX, RIEMANN, influxdb, graphite, StatsDB, CCBE, Datadog, COSCALE, meros, NETSIL, AppNeta, opbeat, catchpoint

Logging: elastic, fluentd, loggly, splunk>, sumologic, Loom Systems, graylog, logz.io, papertrail

Tracing: OPENTRACING, dtrace, ZIPKIN, JAEGER

http://github.com/cncf/landscape

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