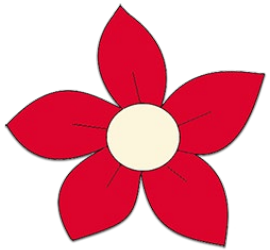


VanillaStack

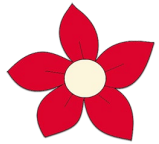
#CloudExcellence #VanillaStack

Current challenges in IT

Customers and Stakeholders expect **more**:

- Greater Flexibility in Infrastructure
- Faster Deployments
- Faster Reactions
- Better Scalability
- 24/7 Availability
- Automation
- Governance

- Lower Costs :-)



Let‘s do Cloud!

Lift & Shift
Fast and Simple

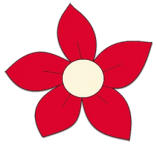
Container

…Solving all Problems?

Kubernetes

- ✓ Container-Orchestrator
- ✓ Self-Healing Services
- ✓ Automatic Load Management
- ✓ Secury by Design
- ✓ 100% Open-Source
- ✓ Huge Community

kubernetes



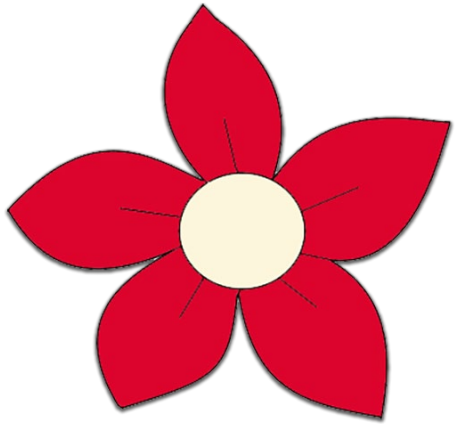
76%

of all organizations plan to go cloud-native
in the next three years...

Challenges with Kubernetes

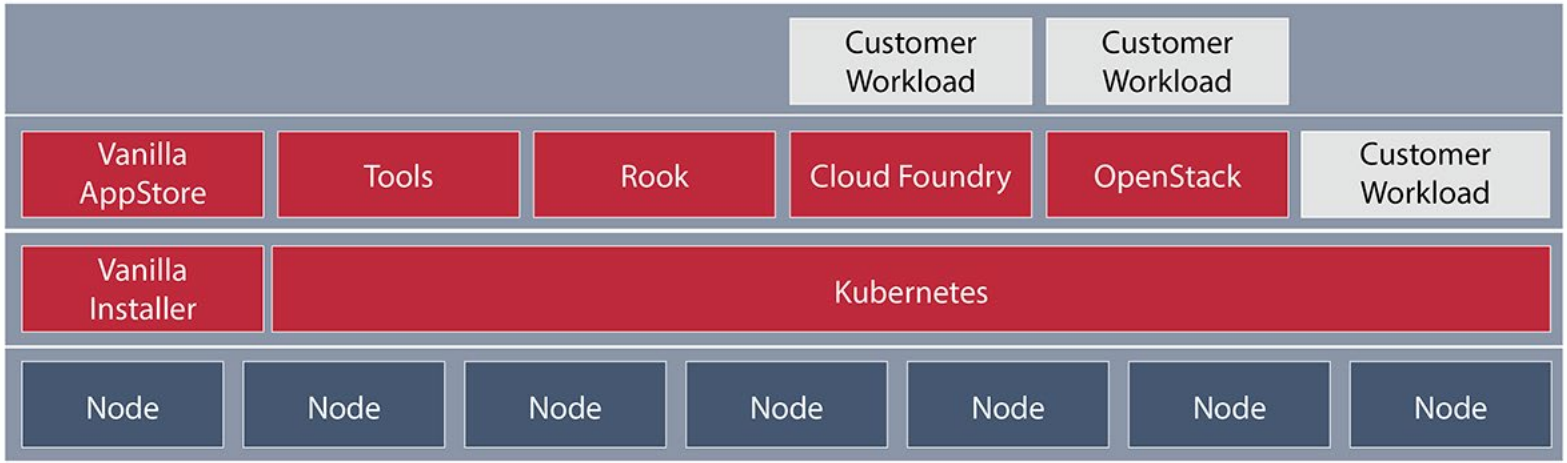
But, Kubernetes is very **challenging**:

- Steep learning curve
- Huge integrational efforts
- Applications need to be rewritten
- Infrastructure- and Deployment-automation required
- Containers only – what about VMs?
- Default installation not production ready
- Commercially often Vendor Locked



VanillaStack

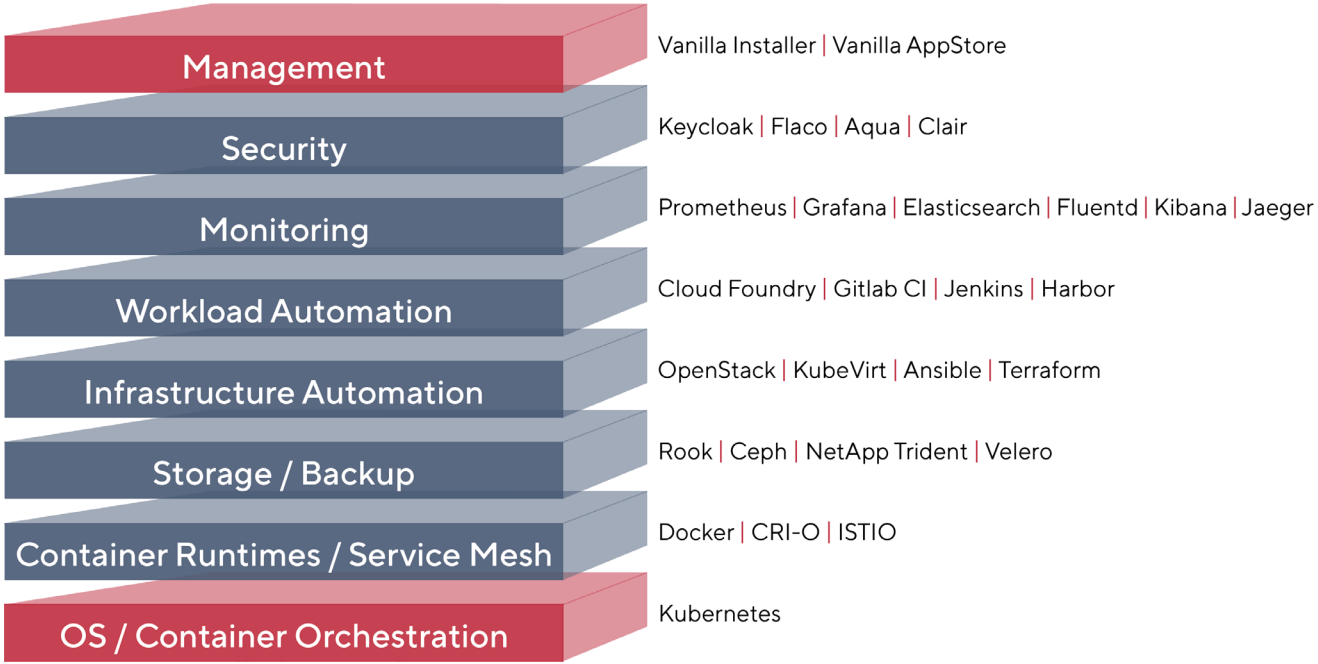
- ✓ Enterprise Open-Source Cloud-Stack
- ✓ Kubernetes as Operating System
- ✓ Bring your own Linux
- ✓ Full Commercial Support



True Open-Source

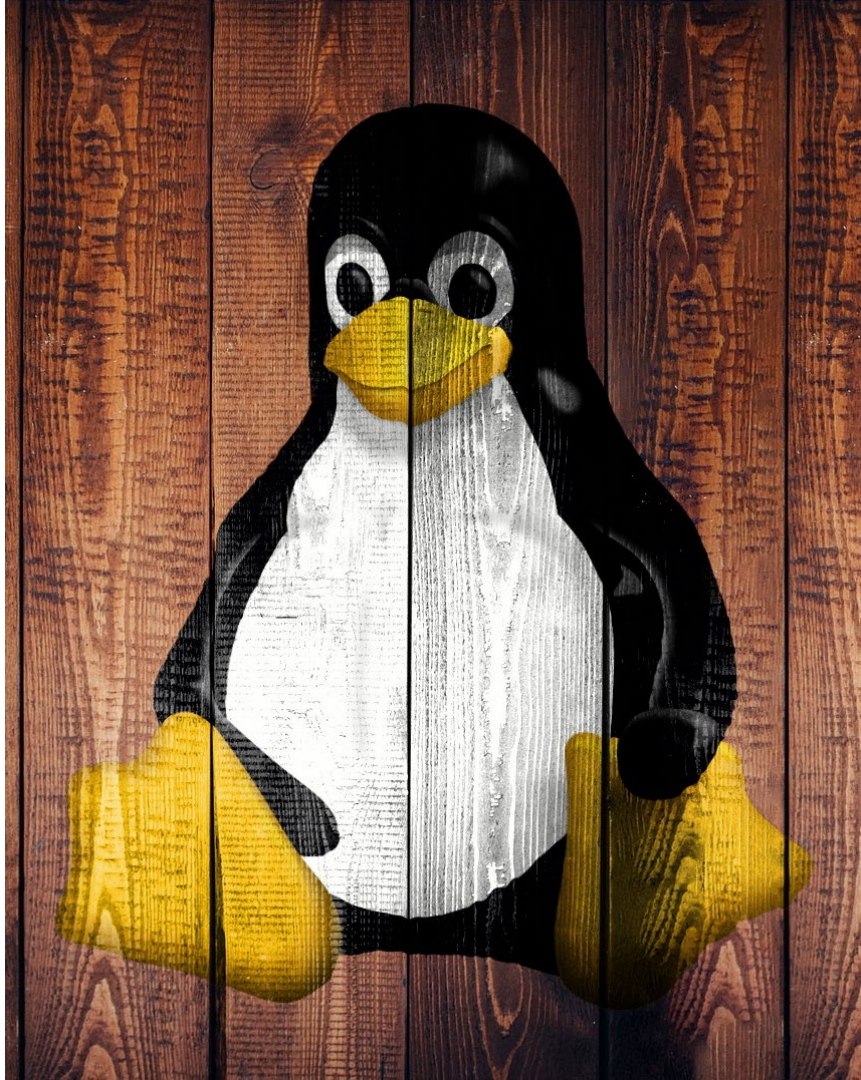
- ✓ 100% Open-Source Projects
- ✓ Vanilla-Editions of Projects
- ✓ Support for the Community
- ✓ No Vendor-Lock!
- ✓ Always with Rook-Object Storage!

Complete Stack



Runs on (nearly) any Linux!

- ✓ Any modern Linux with Container-Support:
  - ✓ Fedora 32 / CentOS 8 / RHEL 8
  - ✓ OpenSUSE Leap 15.2 / SLES 15.2
  - ✓ Debian 10 / Ubuntu 20.04 LTS



Because Simplicity is Best

- ✓ Components to be rolled out automatically
- ✓ Initial installation via VanillaInstaller
- ✓ Installations and updates via VanillaStore
- ✓ Out-of-the-Box-Integrations and operability
- ✓ Simple Roll-Back of Installations
- ✓ Commercial Support for the complete platform

From Platform to Ecosystem

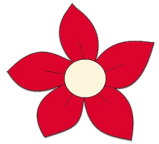
- ✓ Vanilla Installer and VanillaStore
- ✓ Out-of-the-Box-Integrations and Functionalities
- ✓ Can be expanded with a huge amount Open-Source- and Commercial-Components
- ✓ Always open, no Vendor-Lock!

Trustworthiness

100% Open-Source, 100% Support

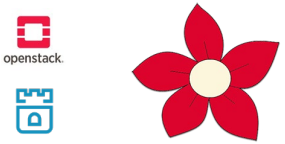
VanillaStack runs everywhere!

- ✓ Bare-Metal
- ✓ VMs
- ✓ Private Cloud
- ✓ Public Cloud
- ✓ Oracle Cloud
- ✓ AWS
- ✓ Azure
- ✓ Google Cloud



Use-Cases

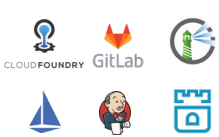
OpenStack on VanillaStack

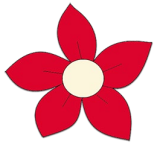


- ✓ OpenStack HELM
- ✓ Rook or Ceph as Storage
- ✓ Installation via AppStore
- ✓ Roll-Out and Operations in <40min!

- ✓ Recommended Configuration:
  - ✓ 3 Master-Nodes for HA
  - ✓ 5 Worker-Nodes for Workloads
  - ✓ 20+ Cores for OpenStack Worker
  - ✓ 64+GB RAM for OpenStack Worker

VanillaStack for ISVs

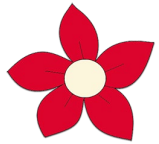




- ✓ Kubernetes as Base
- ✓ Harbor for Images
- ✓ Rook as Storage
- ✓ ISTIO as Service Mesh
- ✓ GitLab, Jenkins or Cloud Foundry
- ✓ Recommended Configuration:
  - ✓ 3 Master-Nodes for HA
  - ✓ 3 Worker-Nodes for Workloads
  - ✓ 20+ GB Storage

VanillaStack for Ops-Teams

- ✓ Prometheus
- ✓ Grafana
- ✓ ELK
- ✓ Rook or Ceph as Storage
- ✓ Rolled Out and directly usable
- ✓ Recommended Configuration:
  - ✓ 3 Master-Nodes for HA
  - ✓ 5 Worker-Nodes for Workloads
  - ✓ 40+ GB Storage



Subscriptions and Support

Subscriptions and Support

Trust and Security for Open-Source Projects

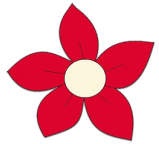
VanillaStack Flat

- ✓ Fixed Fee per Node
  - ✓ No additional costs for CPUs, RAM, etc.
  - ✓ Simple Calculation of Nodes to be licensed via VanillaStore or `kubectl get nodes`
- ✓ Subscription Intervals:
  - ✓ Annually
  - ✓ 2 years
- ✓ Payment Intervals:
  - ✓ Monthly
  - ✓ Quarterly
  - ✓ Every 6 months
  - ✓ According to subscription interval
- ✓ Always with Commercial Support
  - ✓ Up to 24/7 SLAs available

VanillaStack Flat: Commercial Support

- ✓ Flatrate:
  - ✓ Always all Products delivered with VanillaStack!
  - ✓ For VanillaStore-Installations: All Products and Projects!
  - ✓ Includes Commercial Applications!
  - ✓ Includes Kubernetes, Vanilla Installer and VanillaStore!
- ✓ SLAs:
  - ✓ Silver: 9*5 with 4h Responsetime
  - ✓ Gold: 24*7 with 1h Responsetime
- ✓ Always included:
  - ✓ Access to our Update-Servers
  - ✓ Access to our Supportforums
  - ✓ Personal Contact

VanillaStack Modular

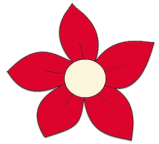


- ✓ Fixed Fee per Node
  - ✓ No additional costs for CPUs, RAM, etc.
  - ✓ Simple Calculation of Nodes to be licensed via VanillaStore or `kubectl get nodes`
- ✓ Build your own Subscription:
  - ✓ Only for the levels you need support for
  - ✓ Pay-as-you-Go
- ✓ Subscription Intervals:
  - ✓ 1 Month
  - ✓ 3 Months
  - ✓ 6 Months
  - ✓ 12 Months
- ✓ Always with Commercial Support
  - ✓ Up to 24/7 SLAs available

VanillaStack Modular: Commercial Support

- ✓ Cloud Model:
  - ✓ Pay for what you need…
  - ✓ …as long as you need it
  - ✓ No long-term commitment!
  - ✓ Includes Commercial Applications!
  - ✓ Includes Kubernetes, Vanilla Installer and VanillaStore!
- ✓ SLAs:
  - ✓ Bronze: 9*5 with 8hr E-Mail Response
  - ✓ Silver: 9*5 with 4hr Personal Response
  - ✓ Gold: 24*7 with 1h Personal Response
- ✓ Always included:
  - ✓ Access to our Update-Servers
  - ✓ Access to our Supportforums

VanillaStack Subscriptions: ExpertCall

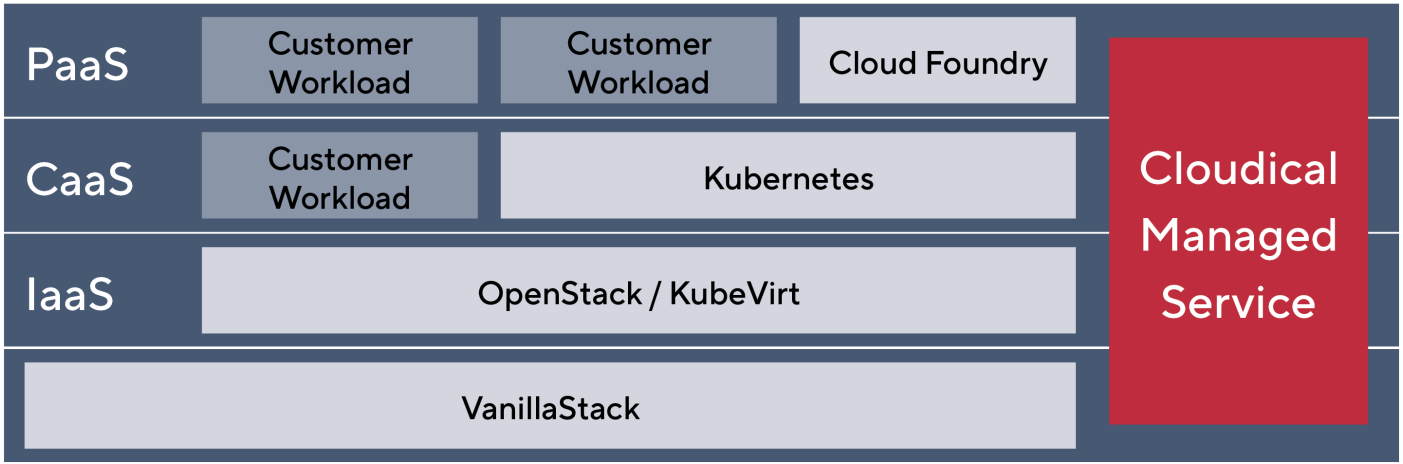


- ✓ Pay-per-Incident
- ✓ No Fixed Fee pro Node
- ✓ No Subscription Interval Required
- ✓ For VanillaStack Commercial editions or community edition!
- ✓ For all applications rolled out with VanillaStack
- ✓ For your own Linux Installation
- ✓ 9*5 and 24*7 support models available

Additional Services

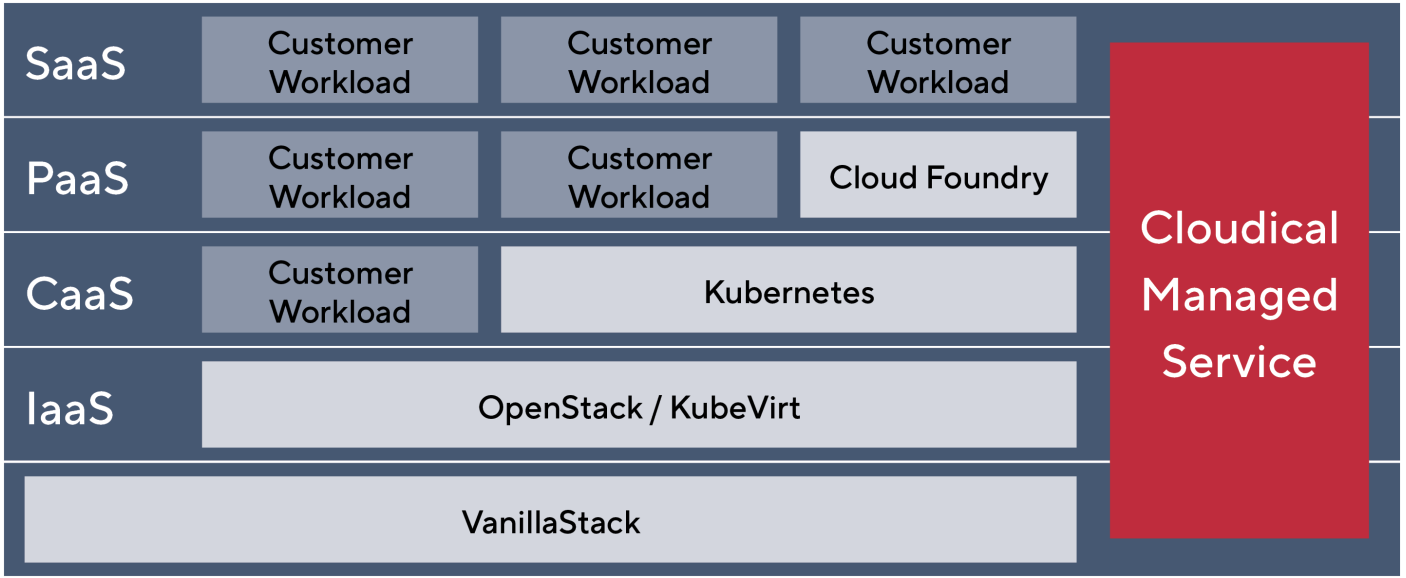
Managed PaaS

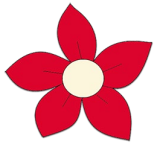
- ✓ Managed Service for VanillaStack
- ✓ Several SLAs
- ✓ Commercial Support inclusive
- ✓ We run your VanillaStack!



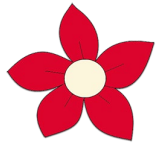
Managed SaaS

- ✓ Managed Service for VanillaStack
- ✓ Managed Service for Workloads
- ✓ Several SLAs
- ✓ Commercial Support inklusive





vanillastack.io



#VanillaStack