sodacon 2020

DATA CONNECTED

LINSTOR AND SODA

YUSUF YILDIZ

Solutions Architech - LINBIT

soda foundation

THE COMBINATION IS MORE THAN THE SUM OF ITS PARTS

LEADING OPEN SOURCE OS BASED SDS

LINBIT

COMPANY OVERVIEW

- **Developer** of **DRBD and LINSTOR**
- **100% founder owned**
- Offices in **Europe and US**
- Team of **highly experienced Linux experts**
- Exclusivity **Japan: SIOS**

REFERENCES

Google SanDisk T-Mobile IBM MICRO FOCUS
amazon.com intel at&t CISCO NTT redhat
ORACLE ERICSSON YAHOO! SkySQL Mellanox TECHNOLOGIES

PRODUCT OVERVIEW

- **Leading Open Source Block Storage** (included in Linux Kernel (v2.6.33)
- **Open Source DRBD** supported by proprietary LINBIT products / services
- **OpenStack** with **DRBD Cinder driver**
- **Kubernetes Driver**
- **Install base of** >2 million

DRBD
LINBIT
DR HA SDS
LINSTOR PACEMAKER
RDMA MODULE DRBD PROXY
Support, Consulting, Training

SOLUTIONS

DRBD Software Defined Storage (SDS)

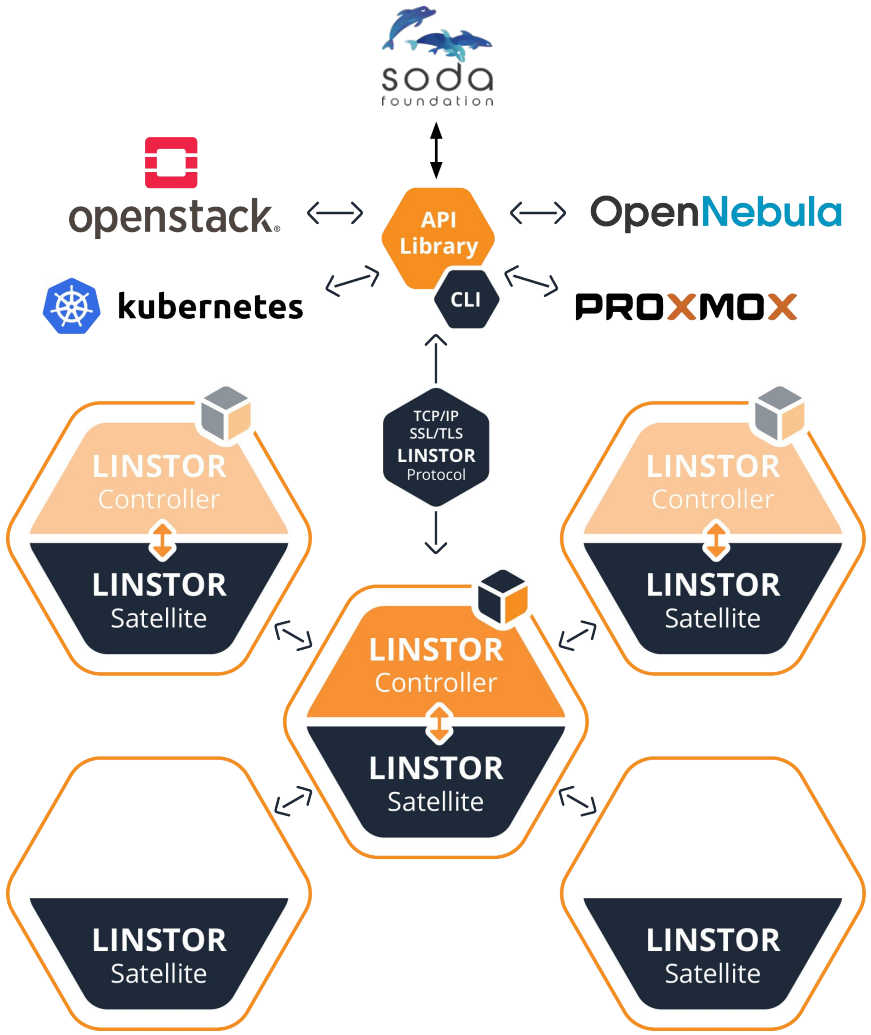
New solution (introduced 2016)

Perfectly suited for SSD/NVMe high performance storage

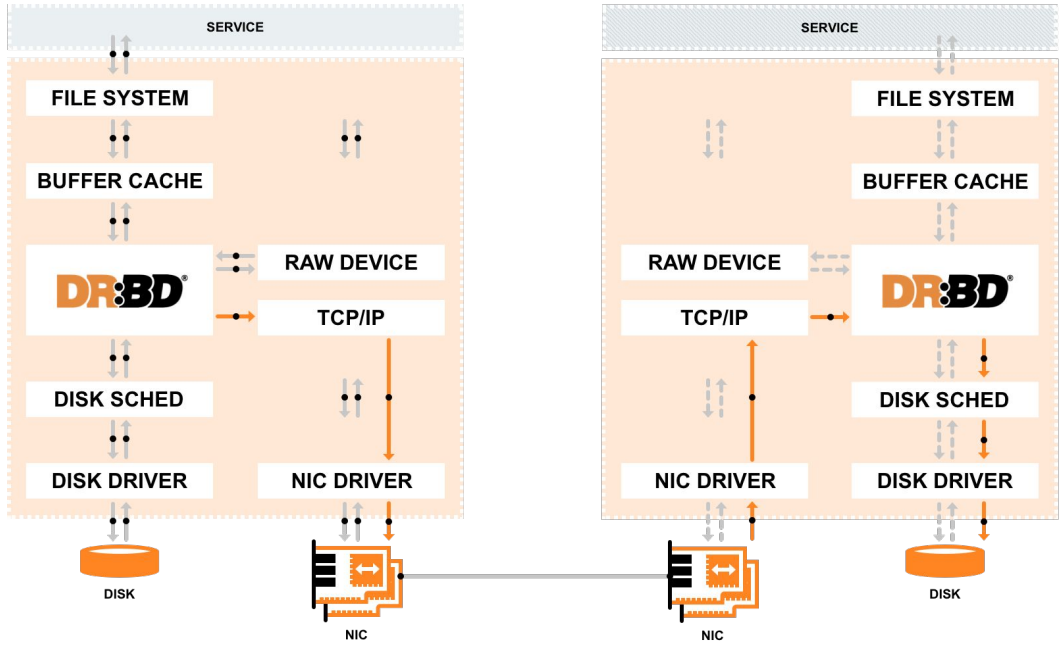
DRBD High Availability (HA), DRBD Disaster Recovery (DR)

Market leading solutions since 2001, over 600 customers

Ideally suited to power HA and DR in OEM appliances (Cisco, IBM, Oracle)

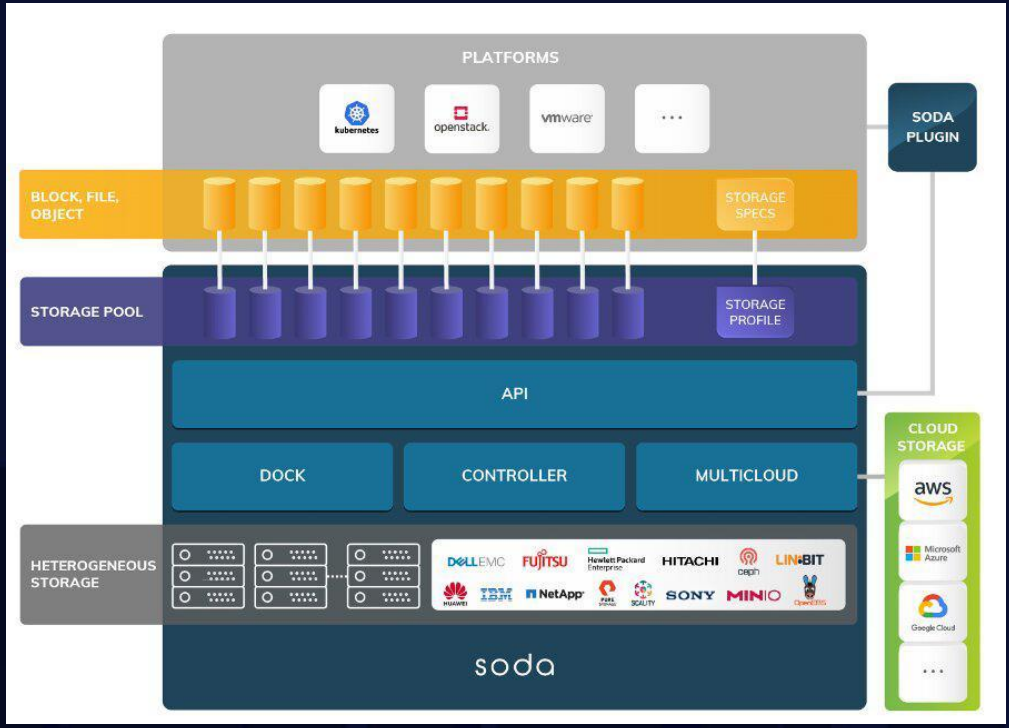


DRBD Architecture



WHERE LINSTOR CLOSES A GAP

SODA Architecture



LINSTOR Benefits

LINSTOR;

- Disaster Recovery Scenarios
- High Performance Block Storage
- Replication technology (DRBD)
- API & CLI for integration
- Sync (Local) & Async (Remote) Replication
- Support for K8s, VMware and many more

THANK YOU

Questions & Answers

yusuf.yildiz@[redacted].com

https://www.[redacted].com