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1. ODA Mini Summit – KubeCon EU  
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对合作或贡献感兴趣？

1. News

新闻

Get your FREE PASS

1. Get your FREE PASS!

获得免费通行证

1. Register at the link and get your FREE PASS for ODA Mini Summit @ KubeCon EU 2019.  
   在链接注册并获得ODA Mini Summit @ KubeCon EU 2019的免费通行证。
2. Register Now

现在注册

Slider one:

1. Make Multi-Cloud Storage A Reality;

使多云存储成为现实;

1. openSDS Bali provides multi-cloud data control with a single S3 object REST API across AWS S3, Azure Blob, and Ceph S3 gateway;

OpenSDS Bali通过一个横跨AWS S3、Azure Blob和CEPH S3网关的S3对象REST API提供多云数据控制；

1. Release Notes

发行说明

1. Try Now

立即体验

Slider Two:

1. THE OPEN AUTONOMOUS DATA PLATFORM

开放式自主数据平台

1. Data Services | Telemetry | Intelligence | Automation | Orchestration

数据服务|自动测量|智能化|自动化|编排

1. Self-driving Data Protection | Security | Optimization and more...

自驱动数据保护|安全|优化 等

Slider Three:

1. Join us at ODA Mini Summit Barcelona co-located at KubeCon+CloudNativeCon Europe

加入我们在2019 KubeCon + CloudNativeCon在欧洲巴塞罗那的ODA小型峰会

1. Submit A Talk and win a FREE KubeCon+CloudNativeCon ticket

提交议题并赢取免费的KubeCon + CloudNativeCon门票

1. LEARN MORE

了解更多

What is OpenSDS:

1. What is OpenSDS?

什么是OpenSDS？

1. OpenSDS is an open source community working to address storage integration challenges, particularly in scale-out cloud native environments with heterogeneous storage platforms.

OpenSDS是一个开源社区，致力于解决存储集成挑战，特别是在具有异构存储平台的横向扩展云原生环境中。

The Open Autonomous Data Platform:

开放自治数据平台

1. The Open Autonomous Data Platform

开放自治数据平台

2.OPEN. INTELLIGENT. AGILE   
开放.智能.敏捷

Current Trends

当前的趋势

1. Containers, Virtualization

容器，虚拟化

1. Deep integration with OpenStack and Kubernetes.

与OpenStack和Kubernetes的深度集成。

1. Storage and Data Services  
   存储和数据服务
2. Integrated data protection, replication, migration, lifecycle, security, and more  
   集成的数据保护，复制，迁移，生命周期，安全性等
3. Insight and Intelligence

洞察力和智能

1. Anomaly detection and recommendations, fault handling, performance optimization and more

异常检测和建议、故障处理、性能优化等

1. Automation & Orchestration

自动化与编排

1. Programmable framework for automation and orchestration of data services

数据服务自动化和协调的可编程框架

1. Heterogeneous Storage

异构存储

1. Supports enterprise, SDS-based commodity storage; use latest NVMe

支持企业、基于SDS的商品存储；使用最新的NVMe

1. Multi-Cloud Storage

多云存储

1. Single multi-cloud control with policies for data storage on premise and in different public clouds

单一多云控制，具有内部和不同公共云中的数据存储策略

OpenSDS Goals:

OpenSDS Goals

OpenSDS的目标

1. Open

开放性

1. Open Standard and Collaboration

开放标准和协作

1. No vendor lock-in

无厂商锁定

1. Not under the control of a single or small group of companies

不受一个或多个公司的控制

1. Accelerate development with shared components

共享组件加速开发

1. Real

真实性

1. Designed for real end-users

专为真正的终端用户设计

1. Solve common end-user pain points

解决终端用户常见痛点

1. Optimize storage operations and utilization

优化存储操作和使用

1. Deploy in traditional or cloud-native environments

部署在传统或云原生环境

1. Ready
2. OpenSDS Certified Suppliers

OpenSDS认证供应商

1. Standard specification for products

产品的标准规范

1. Compliance and Certification for Vendors

供应商的合规性和认证

Compliance Lab for seamless interoperability. 无缝互操作性的合规性实验室。

1. Autonomous

自治

1. Self-governed and Intelligent

自控和智能

1. Siloed data solutions are connected.

孤立的数据解决方案已找到

1. Automated data service orchestration.

自动数据服务编排

1. Intelligence integrated.

智能整合

Solutions：

1. CLOUD NATIVE

云原生

Run stateful Kubernetes services with cloud native data management integrated through CSI

使用通过CSI集成的云原生数据管理运行有状态的Kubernetes服务

2.HYBRID & MUTLI-CLOUD混合云与多云

Enable data mobility from on-premise to/from and between AWS, Azure, and more using standard S3

使用标准S3协议，在AWS，Azure等之间的内部部署中实现数据移动性

3.VIRTUALIZATION & CLOUD虚拟化与云

Scale data management and eliminate silos for VMware and OpenStack

扩展数据管理并消除VMware和OpenStack的之间的隔阂

1. AUTOMATION & ORCHESTRATION

自动化与编排

Automate and orchestrate data and storage services using a programmable framework

使用可编程框架自动化和协调数据和存储服务

1. DATA PROTECTION

数据保护

Protect data with built-in snapshots or integrated 3rd-party backup software to meet RPO and RTO

使用内置快照或集成的第三方备份软件保护数据，以满足RPO和RTO

1. DATA MIGRATION & LIFECYCLE

数据迁移和生命周期

Migrate data to the appropriate storage tier throughout different stages of its lifecycle

在数据生命周期的不同阶段将数据迁移到适当的存储层

1. MONITORING & ANALYTICS

监控与分析

Monitor performance and anomalies; use telemetry metrics and logs to gain insights

监控性能和异常情况；使用遥测指标和日志获取见解

1. EDGE STORAGE

边缘存储

Centralize edge data management and seamlessly move data from edge to core or cloud

集中边缘数据管理，无缝地将数据从边缘移动到核心或云

Upcoming Events：

即将到来的活动：

1. April 15,2019
2. OpenSDS Japan Meetup Vol. 2, Tokyo, hosted by Yahoo Japan

由雅虎日本主办的东京OpenSDS日本第二次会议

1. We will hold the second OpenSDS meetup in Japan! OpenSDS released “Bali” which is the 2nd Release last year. The OpenSDS Technical Steering Committee (TSC) will announce the updated contents. In fiscal 2018, the End User Advisory Committee (EUAC) in Japan welcomed Toyota, IIJ, GMO Pepabo, Fujitsu and other companies. We have these new participants join us and we will have a panel discussion about the expectations and use cases for OpenSDS.

我们将在日本举行第二次公开会议！OpenSDS发布了“Bali”版本，这是去年的第二个版本。OpenSDS技术指导委员会（TSC）将公布更新的内容。2018财年，日本最终用户咨询委员会（EUAC）欢迎丰田、IIJ、GMO Pepabo、富士通等公司。我们有这些新的参与者加入我们，我们将有一个关于OpenSDS未来展望和用例的小组讨论。

1. REGISTER
2. April 18-20,2019
3. 9th Open Source Hackathon, Shenzhen

深圳第九届开源黑客松

1. The 9th Open Source Hackathon Event will be held from April 18 to 20, 2019, we are very pleased to invite you to attend the Event in Shenzhen.

第九届开源黑客松大会将于2019年4月18日至20日举行，我们很高兴邀请您来深圳参加。

1. Hackathon has always been a community activity that focuses on “Engineer Output”, provides a face-to-face exchange platform for engineers in the community and core and maintainers. The 9th Hackathon Event in 2019 is jointly held by Intel, HUAWEI, Tencent and CESI, covering 12 open source projects including Kubernetes, OpenStack, Virtualization, Storage, Big data, etc. All engineers could do mission critical bug fixes, hands-on training and new feature development in 3 days.

Hackathon一直是以“工程师输出”为中心的社区活动，为社区工程师和核心维护人员提供面对面的交流平台。2019年第九届黑客松大会由英特尔、华为、腾讯和CESI联合举办，涵盖了Kubernetes、OpenStack、虚拟化、存储、大数据等12个开源项目，所有工程师都可以在3天内完成关键任务的漏洞修复、实践培训和新功能开发。

1. DETAILS
2. May 20, 2019
3. Open Data Autonomy Mini Summit @ CloudNativeCon, Barcelona

开放数据自治迷你峰会@CloudNativeCon，巴塞罗那

1. The Open Data Autonomy Mini Summit is an all-day event focusing on data & storage challenges and solutions in cloud native era. The OpenSDS community is working to build an open autonomous data platform integrating all disparate data services, such as data migration, replication, life cycle, protection etc along with AI/ML.

开放式数据自主权迷你峰会是一个全天候的活动，专注于云本机时代的数据和存储挑战及解决方案。OpenSDS社区正致力于构建一个集成所有不同数据服务（如数据迁移、复制、生命周期、保护等）和AI/ML的开放式自主数据平台。

1. The event is organized with Hands-on Workshop (BYOD), Demos, Deep Dive Sessions and End User Sessions. It can provide an end to end experience and networking opportunity during welcome breakfast and evening reception dinner.

本次活动通过实践研讨会（BYOD）、演示、深度潜水会议和终端用户会议来组织。它可以在欢迎早餐和晚宴期间提供端到端的体验和联网机会。

1. DETAILS
2. June 24, 2019
3. Open Data Autonomy Mini Summit @ CloudNativeCon, Shanghai

开放数据自主迷你峰会@CloudNativeCon，上海

1. DETAILS