opensource

OPENSOURCE PTE LTD

TABLE OF CONTENTS

ABOUT COMPANY

Opensource Pte Ltd, headquartered in Singapore, operates as a private limited company. The primary thrust of our enterprise centers on the realm of IT infrastructure. Our expertise lies in executing intricate IT systems and application integration within diverse and multifaceted environments. Proficiency in managing a wide array of Operating Systems, Front Ends, Middleware, and Databases is intrinsic to our skill set.

What truly sets us apart is our knack for providing comprehensive turnkey IT solutions, encompassing every facet from conception and design to implementation, coexistence, rectification, and ongoing annual maintenance. Rather than limiting ourselves to a specific business vertical, our capabilities span across industries, rendering our solutions

VISION & MISSION

Vision

Our vision is to establish a resilient IT infrastructure that seamlessly integrates advanced technology with rigorous security protocols. We aim to maintain uninterrupted operations, uphold data integrity, and promote innovation through dependable and secure digital platforms.

Mission

Our mission is to design, implement, and maintain a robust IT infrastructure that prioritizes security, reliability, and scalability. We are committed to proactively identifying and mitigating risks, ensuring seamless operations, and fostering a culture of continuous improvement and innovation in safeguarding digital assets and enhancing organizational resilience.

OUR SERVICES

We offer a wide range of services, including big data analytics, security vulnerability assessment and penetration testing (VAPT), virtualization, automation, orchestration, database management, cloud transformation, and operating system services. Our expertise lies in seamlessly integrating various IT subsystems into a cohesive and efficient system, ensuring enhanced connectivity, reduced operational costs, and improved business operations.

Let us take this opportunity to introduce our services in the following pages. Feel free to reach out to our website https://www.opensource.com.sg

BIG DATA SERVICE

Our comprehensive offerings cover Big Data Implementation, Data Analytics, Machine Learning, Artificial Intelligence, and more. With a focus on cutting-edge technologies, we ensure your data strategy is future-ready.

Our Data Service Offerings:
1. Big Data and Streamlined Data Processing:
   - Expert implementation of Cloudera, Ezmeral, and other leading platforms for scalable data storage, processing, and real-time ingestion.
   - Harnessing Confluent Kafka for real-time data streaming and building robust event-driven architectures for instant insights.
2. Data Warehousing and Advanced Analytics:
   - Comprehensive Snowflake solutions for modern data warehousing, including efficient storage, querying, and analysis of structured and semi-structured data.
   - Extracting meaningful insights using statistical and predictive analytics, with customized dashboards and visualizations for clear data representation.
3. Machine Learning and AI Integration:
   - Unlocking the potential of machine learning for pattern recognition, predictive modeling, and enhanced efficiency with ML algorithms.
   - Integration of AI technologies for intelligent automation, including natural language processing, computer vision, and recommendation systems to enhance operational efficiency and customer experiences.
4. Customized Data Strategy and Ecosystem Connectivity:
   - Tailored data strategies aligned with business objectives, identification of data sources, quality enhancement, and governance.
   - Creating cohesive data ecosystems by integrating diverse sources, maximizing the value of data assets, and seamlessly connecting data for holistic decision-making.

VIRTUALIZATION SERVICE

As pioneers in virtualization and microservices, we empower your business with cutting-edge solutions to enhance scalability, efficiency, and agility. Our expertise spans across leading technologies, including VMware, Hyper-V, Kubernetes, OpenShift, and OpenShift Virtualization, enabling you to unlock the true potential of your IT infrastructure.

Our Virtualization and Microservices Service Offerings:

1. Virtualization Solutions (VMware and Hyper-V)
   - Deployment, configuration, and optimization of VMware and Hyper-V environments.
   - Virtualization of servers, storage, and networking for enhanced efficiency.
   - Seamless migration, scalability, high availability solutions, and integration with Windows environments.

2. Container Orchestration (Kubernetes and OpenShift)
   - Native deployment and management of Kubernetes and OpenShift for container orchestration.
   - Expertise in Rancher, Tanzu, and Docker for streamlined management and rapid application development.
   - Scalable, automated, and resilient containerized applications with continuous integration and enhanced security.

3. Microservices and Application Containerization
   - Design and implementation of microservices-based architecture for decomposing applications into manageable components.
   - Transforming applications into lightweight, portable containers for consistent deployment across diverse environments.
   - Agility, scalability, and easier maintenance for modern applications with simplified deployment, scaling, and management.

AUTOMATION/ ORCHESTRATION SERVICE

Our commitment is to elevate your business efficiency through the power of automation and streamlined orchestration. With expertise in Ansible Tower and a focus on creating customized playbooks, we empower your organization to achieve seamless system services, network automation, firewall management, virtualization, and microservice automation.

Our Automation and Orchestration Offerings:

1. Ansible Automation Platform (AAP) Implementation:
   - Tailored design and seamless implementation of AAP
   - Centralized automation platform for efficient resource management
   - Enhanced collaboration, version control, and scheduling capabilities
2. Customized Playbooks for System Services:
   - Design and creation of playbooks for system service provisioning
   - Automation of system hardening, configuration, and management
   - Simplified management of software, patches, and updates
3. Network and Firewall Automation:
   - Custom playbooks to automate network device provisioning and configuration
   - Efficient management of network changes and updates
   - Streamlined firewall rule management for enhanced security
4. Virtualization and Microservice Automation:
   - Automation solutions for virtualization platforms and microservice environments
   - Playbooks for efficient deployment, scaling, and management of microservices
   - Accelerated application delivery and infrastructure agility

IT SECURITY SERVICE

Opensource is a Singapore Government approved and CREST accredited Penetration Testing Service provider.

Our Security Service Offerings:

1. Vulnerability Assessment and Penetration Testing (VAPT):
   - In-depth analysis of your systems for vulnerabilities
   - Controlled penetration testing to simulate real-world attacks
   - Detailed insights and recommendations to fortify defenses
2. Compliance, Audit, and Risk Assessment Services:
   - Expertise in compliance with CSA Singapore and IM-8 standards, offering comprehensive audit services and customized solutions to ensure regulatory adherence.
   - Conducting ISO audits for standards including 27001, 20000, 25999, and 9001, providing thorough evaluations of processes, systems, and controls, and assisting in achieving and maintaining ISO certification.
   - In-depth risk assessment aligned with CSA Singapore and IM-8 standards, including thorough evaluation of potential vulnerabilities and exposures, and data-driven recommendations for risk mitigation and compliance
3. Threat Modeling:
   - Rigorous threat modeling to identify and assess potential threats
   - Mapping vulnerabilities using STRIDE-LM methodology
   - Effective mitigation strategies for enhanced security posture
4. Cloud Security Standards:
   - Expert guidance to align your cloud security with industry standards
   - Ensuring adherence to best practices for data protection and access control
   - Customized solutions to secure your cloud assets effectively

CLOUD SERVICE

We offer comprehensive solutions across leading platforms such as Amazon Web Services (AWS), Google Cloud Platform (GCP), Microsoft Azure, and Oracle Cloud.

Our Cloud Service Offerings:

1. Strategic Cloud Consultation and Seamless Migration:
   - Tailored cloud strategy development aligned with business objectives, including in-depth needs assessment and platform recommendations for performance and cost-efficiency.
   - Smooth transition of applications, data, and workloads to the cloud with expertise in re-platforming, re-architecting, and hybrid cloud solutions, ensuring minimized downtime and enhanced efficiency.

2. Comprehensive Cloud Services Expertise (IaaS, PaaS, SaaS):
   - Creation and management of scalable virtual environments with efficient provisioning of compute, storage, and networking resources.
   - Swift application development, deployment, and management using managed services for databases and development frameworks.
   - Seamless integration of third-party SaaS solutions, enhancing user experience, process optimization, and data synchronization for cohesive cloud interaction.

3. Insightful Data Management and Analytics:
   - Implementation of data storage, management, and advanced analytics solutions
   - Real-time insights, data warehousing, machine learning, and predictive analytics
   - Empowering data-driven decisions for sustainable growth

4. Security and Compliance Assurance:
   - Robust security measures to safeguard your cloud assets and sensitive data
   - Compliance adherence according to industry standards and regulations
   - Identity management, encryption, threat detection, and continuous monitoring

DATABASE SERVICE

Our expertise in Database Services empowers your business with robust and scalable data solutions. With a focus on data integrity, performance, and optimization, we ensure your databases drive innovation and support your organizational goals.

Our Database Practice Offerings:
1. Oracle Database Solutions:
   - Design, implementation, and management of Oracle databases
   - High availability solutions using Oracle RAC and Data Guard
   - Performance tuning, backup and recovery strategies, and security solutions
2. Microsoft SQL Server Services:
   - Full suite of SQL Server services, from setup to optimization
   - Database design, migration, and upgrade expertise
   - Integration of SQL Server with other Microsoft technologies
3. PostgreSQL and MySQL Expertise:
   - Implementation, administration, and optimization of PostgreSQL, MySQL, and MariaDB databases.
   - Customized solutions for data storage, replication, clustering, and scalability.
   - Performance tuning, data migration, and backup strategies for seamless operations and evolving business needs.
4. Cloud Database Services (AWS RDS & Azure):
   - Deployment, management, and optimization of relational databases on AWS RDS and Azure Database Services.
   - Automated backups, scaling, high availability configurations, and cost efficiency.
   - Migration, setup, and integration with AWS and Azure cloud ecosystems for seamless operations.

OS, STORAGE, BACKUP SERVICE

Our dedicated team specializes in provisioning, enhancing, and safeguarding critical IT components to ensure seamless operations and data integrity for your organization. With a focus on leading operating systems, storage solutions, and robust backup strategies, we are your partners in optimizing IT infrastructure for resilience and efficiency.

Our Service Offerings:
1. Operating System Services:
   - Provisioning, upgrading, and hardening of diverse operating systems
   - Expertise in RHEL, SLEs, Microsoft Windows, and Solaris environments
   - Implementation of security measures to mitigate risks and vulnerabilities
2. Storage Solutions:
   - Seamless storage provisioning tailored to your organizational needs
   - Efficient migration services to optimize data placement and accessibility
   - Scalable storage architecture design for enhanced performance and reliability
3. Backup Services:
   - Comprehensive backup strategies to ensure data protection
   - Business continuity planning for uninterrupted operations
   - Disaster recovery planning and execution for resilience against unexpected events
4. Utilization of Native and Commercial Tools:
   - Leveraging native tools and industry-leading solutions for backup
   - Expertise in tools such as Commvault, NetBackup, Veeam, and more
   - Customized solutions to align with your specific backup requirements

MANPOWER PLACEMENT SERVICE

Opensource Pte Ltd, backed by a Singapore government Manpower placement license (No: 22S1184), provides top-notch talent solutions through:

1. Skillset Profiling and Matchmaking: Identifying and matching precise talent requirements with the right skillset profiles.
2. Rich Consultant Database: Access to a wide pool of local and remote professionals across various industries.
3. Customized Industry Solutions: Expertise in IT, financial services, logistics, and manufacturing for tailored staffing needs.
4. Government-Endorsed Placement: Adhering to high ethical and professional standards with regulatory compliance.
5. Strategic Talent Sourcing: Utilizing advanced techniques for candidate evaluation and selection.
6. Tailored Workforce Solutions: Offering flexible placement options and streamlined administrative processes.
7. Quality Assurance: Rigorous vetting, performance monitoring, and proactive issue resolution.