

lintasarta
cloudeka



**Your
Indonesian
Cloud Partners**

Overview



Lintasarta Cloudeka provides end-to-end IT solutions that are built upon reliable infrastructure, powered by tier 3 Data Centers. Through Lintasarta Cloudeka scalable solutions, you can freely upscale or downscale IT requirements and *pay-as-you-go!*

High Service Level Agreement (End-to-End SLA) availability

99.95%

Supported by Advanced Technology Partners



Our Certifications





lintasarta
cloudeka

Infrastructure as a Service (IaaS)



Cloudeka IaaS Product



Provide access to network features, data storage space, system development, etc. with the highest level of flexibility and management control.

Compute

Deka Flexi

Enterprise-grade public cloud with competitive price point.

Deka Prime

Fully customizable public cloud located in three separate data centers.

Deka Premium

Customizable private cloud services with flexible deployment options.

Deka Sovereign

Protecting and unlocking the value of critical data to build a national data economy

Storage

Deka Box

S3-compatible object storage spread in 3 data center locations.

Flexi NFS

Persistent storage option with SSD backend and NFS protocol for Deka Flexi.

Flexi Volume

Persistent storage option with SSD backend and based protocol for Deka Flexi.

Support

Deka Vault

Backup service for Deka Flexi and Deka Prime with customizable retention option.

DV - DR

Replication service for Deka Prime with dedicated private link backend.

DV - On Prem

On-premise backup or replication service for your VMware based cloud cluster.



lintasarta
cloudeka

Platform as a Service (PaaS)



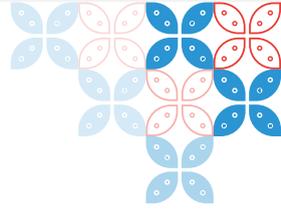


Deka Harbor

Microservice using Kubernetes Upstream and delivered it as a service in name of Deka harbor. Customer will get it and use it in form of worker that can be utilized to managed your micro service system

- ✧ vCPU & vRAM sizing for worker node
- ✧ Integration with other Cloudeka service like Deka Flexi, Deka Load Balance, Deka Registry, and Deka Box
- ✧ Access via Kubernetes Link Management

Enterprise grade Platform-as-a-Service running on Cloudeka Cloud Infrastructure. Deka Harbor uses Red Hat OpenShift platform combined with managed service capability of Cloudeka expert technical team. Tenants purchase virtual resource for worker nodes and gain access to deploy and monitor application via web portal.



Deka Harbor Features and Benefit



Simple Deployment

Deka Harbor offers convenience in deploying applications, which is as simple as login and deploy.



Optimal Management

The platform and infrastructure will be fully managed by Lintasarta Cloudeka professional technicians team who hold international certifications.



Flexibel Configuration

The autoscaling service process can be implemented via a horizontal pod auto-scaler. Also, the auto-recovery system will start working once a problematic pod is found.



No More Bandwidth Metering

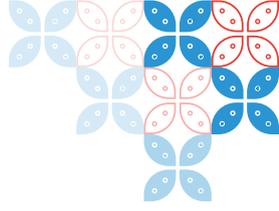
Free shared Internet up to 10 Gbps IIX and 10 Mbps IX or you can choose Lintasarta Internet Dedicated or Lintasarta Metro Ethernet for faster and more stable connections.

PaaS Deka Harbor

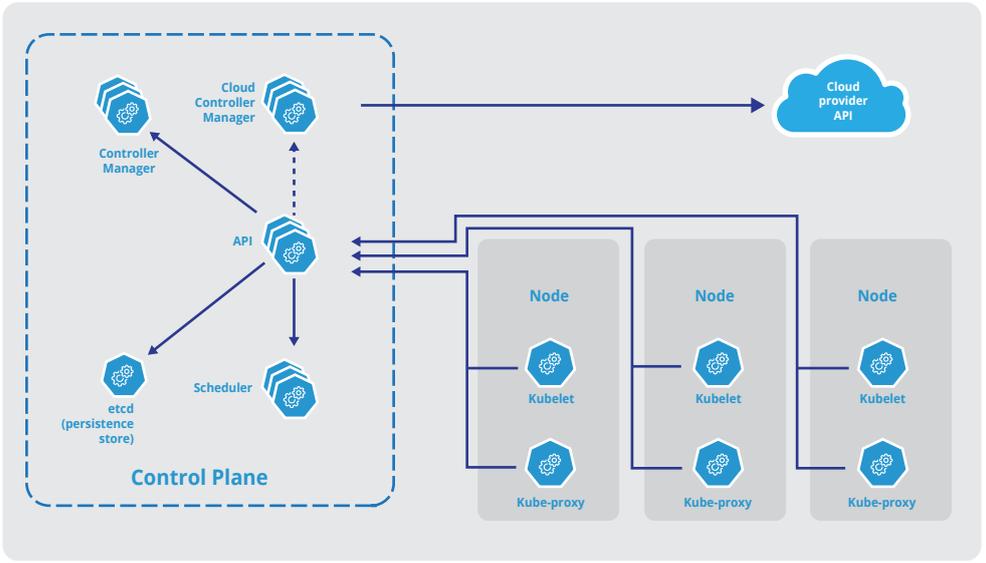
Deka Rock using Kubernetes Upstream (k8s) platform combined with managed service capability of Cloudeka expert technical team.

Tenants purchase virtual resource for worker nodes and gain access to deploy and monitor application via web portal.

Customer will get access to Kubeconfig and manage Kubernetes infra from there



Kubernetes Cluster



Cloudeka PaaS Product



Deka ROCK **(Red Hat Openshift on Cloudeka)**

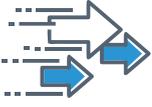
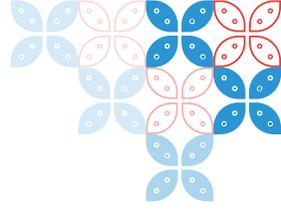
innovative enterprise-level Container-as-a-Service (CaaS) application platform, built on the reliable foundation of Red Hat OpenShift technology.

Deka Rock empowers businesses to accelerate application development and delivery while ensuring stability, security, and scalability.

Designed with a developer-centric approach, Deka Rock offers a range of features such as source-to-image (S2I) creation, pipelines, application templates, and integration with various popular tools and services. Additionally, Deka Rock's enhanced security layers, including role-based access control (RBAC), network policies, and image signing, instill confidence in organizations to protect their containerized applications and infrastructure.

Adopting a multi-cloud and hybrid cloud approach, Deka Rock enables businesses to deploy and manage their applications on infrastructure that best suits their needs. Whether using the public cloud Lintasarta Cloudeka or the customer's private on-premises cloud, Deka Rock provides a powerful and flexible Kubernetes management solution, supported by the proven capabilities of Red Hat OpenShift, to help organizations achieve greater efficiency and security in their application deployment and management.

Deka ROCK Features and Benefit



Easy and Fast Application Deployment

Deka Rock simplifies the application deployment process with efficient workflows and a user-friendly interface. This enables developers to focus on application development, increase productivity, and reduce delivery time.



Integration with Popular Tools and Services

Deka Rock supports seamless integration with various development tools and popular services. This allows users to work with their preferred and familiar tools, enhancing collaboration among teams.



High-Level Security

With enhanced security layers, such as role-based access control (RBAC), network policies, and image signing, Deka Rock protects containerized applications and infrastructure, providing peace of mind to organizations.



Multi-Cloud and Hybrid Cloud Support

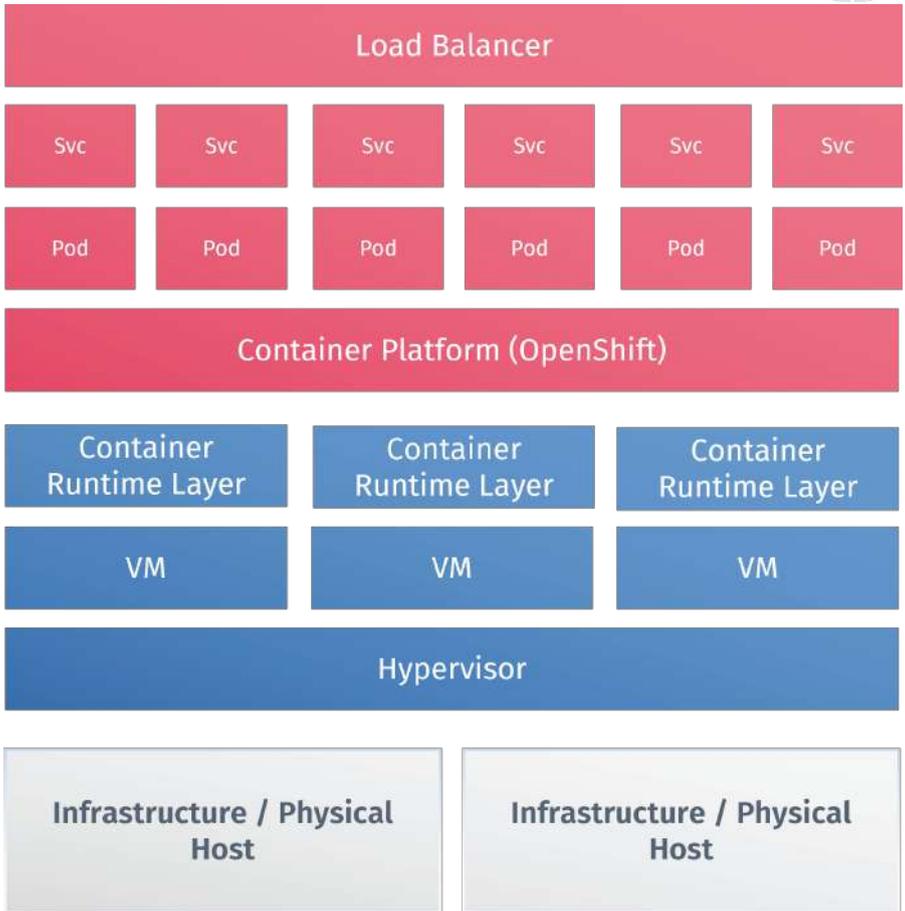
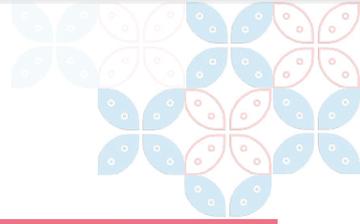
Deka Rock supports a multi-cloud and hybrid cloud approach, enabling businesses to deploy and manage their applications on infrastructure that best suits their needs. This provides greater flexibility and scalability in application deployment and management.



Built on Red Hat OpenShift

Deka Rock is built on the reliable foundation of Red Hat OpenShift technology, offering a powerful and flexible Kubernetes management solution. This ensures stability, security, and high performance in containerized application management.

Platform-as-a-Services



PaaS Deka Rock

Enterprise grade Container-as-a-Service running on Cloudeka Cloud Infrastructure.

Deka Rock uses RedHat OpenShift platform combined with managed service capability of Cloudeka expert technical team.

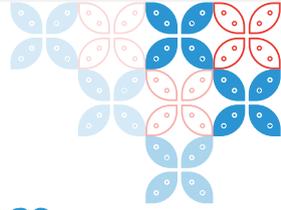
Tenants purchase virtual resource for worker nodes and gain access to deploy and monitor application via web portal.



lintasarta
cloud*eka*

Deka GPU





Lintasarta is partnering with NVIDIA as GPU Cloud Service Provider in Indonesia



NVIDIA's GPUs are currently the most cost and performance efficient technology for advanced AI compared to other brands.

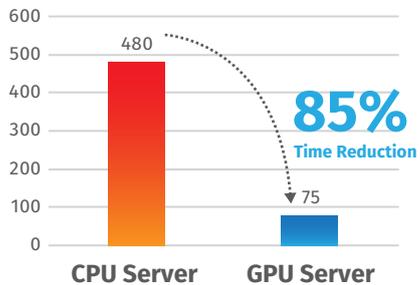
NVIDIA GPU backlogs stretch to 2 years, due to heavy demand from cloud services and other customers for chips to power AI systems.

Deka GPU Services

ML Training Time per Epoch¹ (Seconds)

Lower is Better

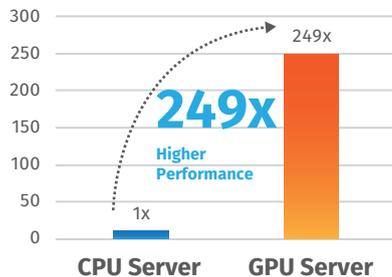
Source: TensorFlow 2: CPU vs GPU Performance Comparison



GPU vs CPU AI Inference Performance

Higher is Better

Source: NVIDIA A100 GPU Benchmark



NVIDIA's GPU are currently most cost & performance efficient technology for AI with up to **24% lower cost** & **52% faster time** compared to the next cheapest GPU provider

1. One full cycle of using all the training data to update and improve the model's predictions.

Deka GPU Benefits

- Provides latest NVIDIA GPU technologies
- Certified for running GPU cloud based on NVIDIA's reference architecture
- Faster access to NVIDIA GPUs
- Pay per use pricing scheme (hour based)

Solutions from Deka GPU



AI/ML in Kubernetes

Kubernetes for AI/ML refers to the use of Kubernetes to manage AI and ML workloads effectively. By containerizing these applications, Kubernetes enables efficient scaling, management, and deployment of AI/ML models and processes across a variety of infrastructures, ensuring resource optimization and streamlined workflows



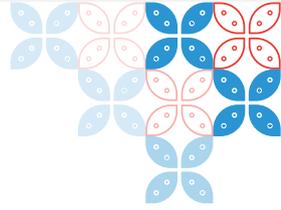
Virtualization

GPU-accelerated virtualization involves creating virtual environments that can leverage shared GPU resources for graphical and computational tasks. This setup allows multiple virtual machines (VMs) or containers to access GPU capabilities simultaneously, enhancing performance for graphics-intensive applications and compute-heavy workloads like AI/ML, data analysis, and 3D rendering



Baremetal

Bare Metal as a Service provides dedicated physical servers in a cloud-like service model. Unlike traditional cloud services that offer virtualized resources, BMaaS gives users complete control over the physical server and its resources, without the overhead of virtualization layers.



The New Way to Optimize Performance and Efficiency of AI

Our new services provides GPU for various intensive computing needs, such as AI/ML, HPC (High Performance Computing), and rendering. With advanced and integrated cloud infrastructure, Deka GPU offers high performance, security, and flexibility for customers.

To provide GPUaaS, the cloud infra stack is very similar to existing cloud services Cloudeka offers.

Why Cloudeka?

1st NVIDIA Cloud Partner
in Indonesia

Data Sovereignty
for Indonesian Market



Zero data egress fees
with 10 Gbps Anti DDoS & Firewall **Protection**

Implement Latest
NVIDIA Technology



Integration with other
Lintasarta services

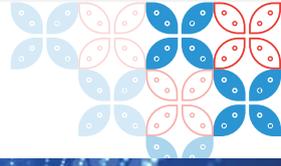




lintasarta
cloud*eka*

Software as a Service (SaaS)

Cloudeka SaaS Product



We provide a **whole ecosystem of digital solutions for your business needs**, ranging from analytic tools, business applications, communication and collaboration applications, security, and many more.



Deka Application Performance Monitor (APM)

The monitoring and management of performance and availability of software applications. APM strives to detect and diagnose complex application performance problems to maintain expected level of service



Easy to Access Internet



Consistent



Easy to Managed



Secure



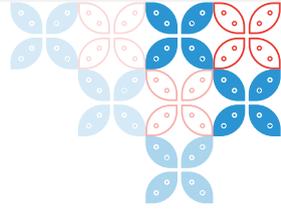
Reliable



lintasarta
cloudeka

Security as a Service (Sec-aaS)

Cloudeka Sec-aaS Product



Next-Gen Firewall (NGFW)



Our NGFW as a Service protects Deka Prime and Deka Flexi from the new threat landscape that comes from the internet with a complete, integrated threat protection solution.

- Threat Prevention goes beyond traditional IPS to prevent all known threats across traffic.
- App ID is responsible for identifying applications traversing the firewalls independently of its port, protocol, and encryption.
- URL Filtering allows you to monitor and control the sites users can access.
- Wildfire is a cloud-based threat analysis service for highly evasive zero-day exploits and malware.

Web Application Firewall (WAF)



Our WAF as a Service creates a shield between your web-based application and the internet to protect against the OWASP OOP 10 vulnerabilities, without having to update the apps themselves.

- Advanced WAF combines machine learning and threat intelligence.
- Protects against brute-force attacks that use stolen credentials.
- Protects apps from automated attacks by bots and other malicious tools.
- Encrypts data at the app layer to protect against data-extracting malware.
- Behavioral analytics and machine learning provide highly accurate L7 DoS detection and mitigation.

Anti DDoS



Powered by Arbor Technologies, Anti DDoS use to protect workload from volume metric DDoS attack

- Prevent Anti DDoS based on Volumetric that attack specific cloud services IP.
- Support Anti DDoS protocol that monitor not only for volume traffic but also traffic TCP/IP activities therefore can mitigate incoming DDoS traffic based.

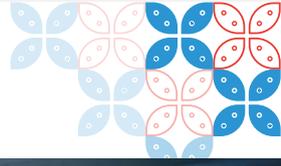


lintasarta
cloudeka

DekaCDN



DekaCDN Product



Cloudeka PaaS that can help customer to offload their own web static asset to Lintasarta to increase their web performance with lower bandwidth usage, to increase the effectiveness of Cost

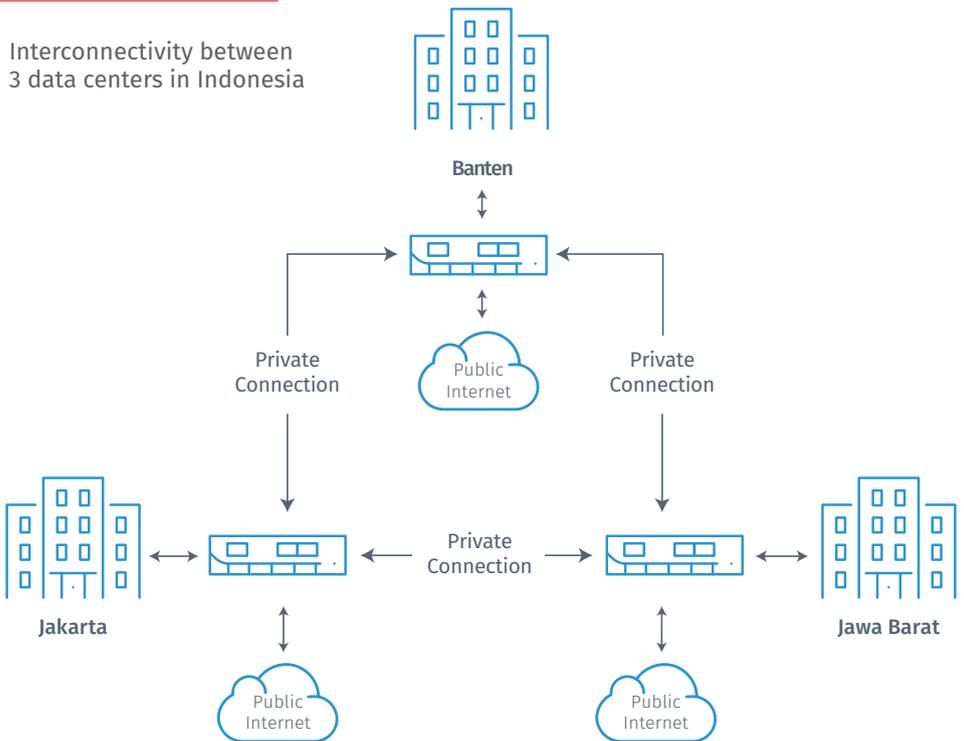
DekaCDN Benefit

 HTTP accelerator designed for content-heavy static content

 Self services with one Interface.

DekaCDN Feature

Interconnectivity between 3 data centers in Indonesia



 Geolocation Feature

 Automated scaling

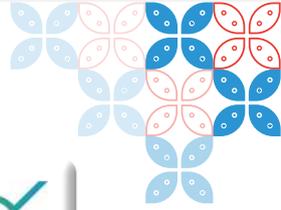
 Integrated to our Cloudeka Services



lintasarta
cloud*deka*

Deka Sovereign





Protects and unlocks the value of critical data (e.g., national data, corporate data, and personal data) for both private and public sector organizations.

Deka Sovereign Benefits

- 

Secure critical data in the cloud to protect your business
- 

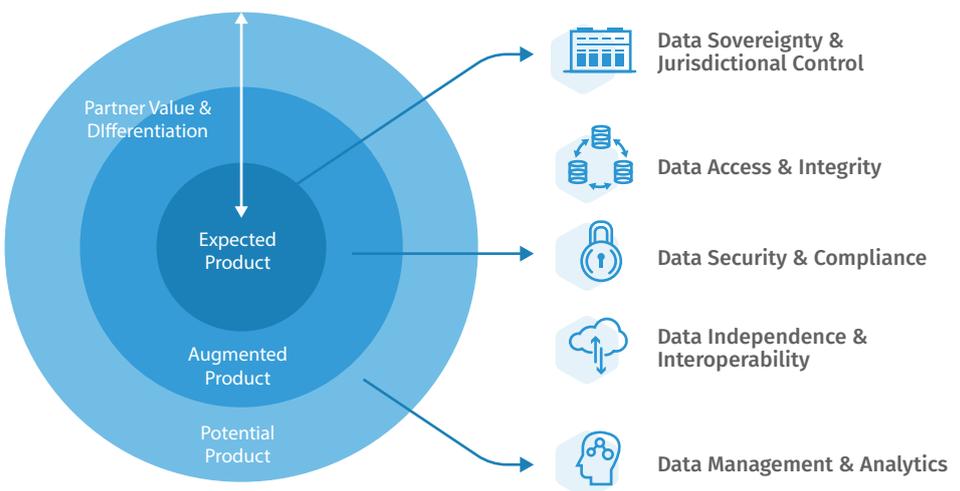
Future proof against cloud lock-in and changing laws / geopolitics
- 

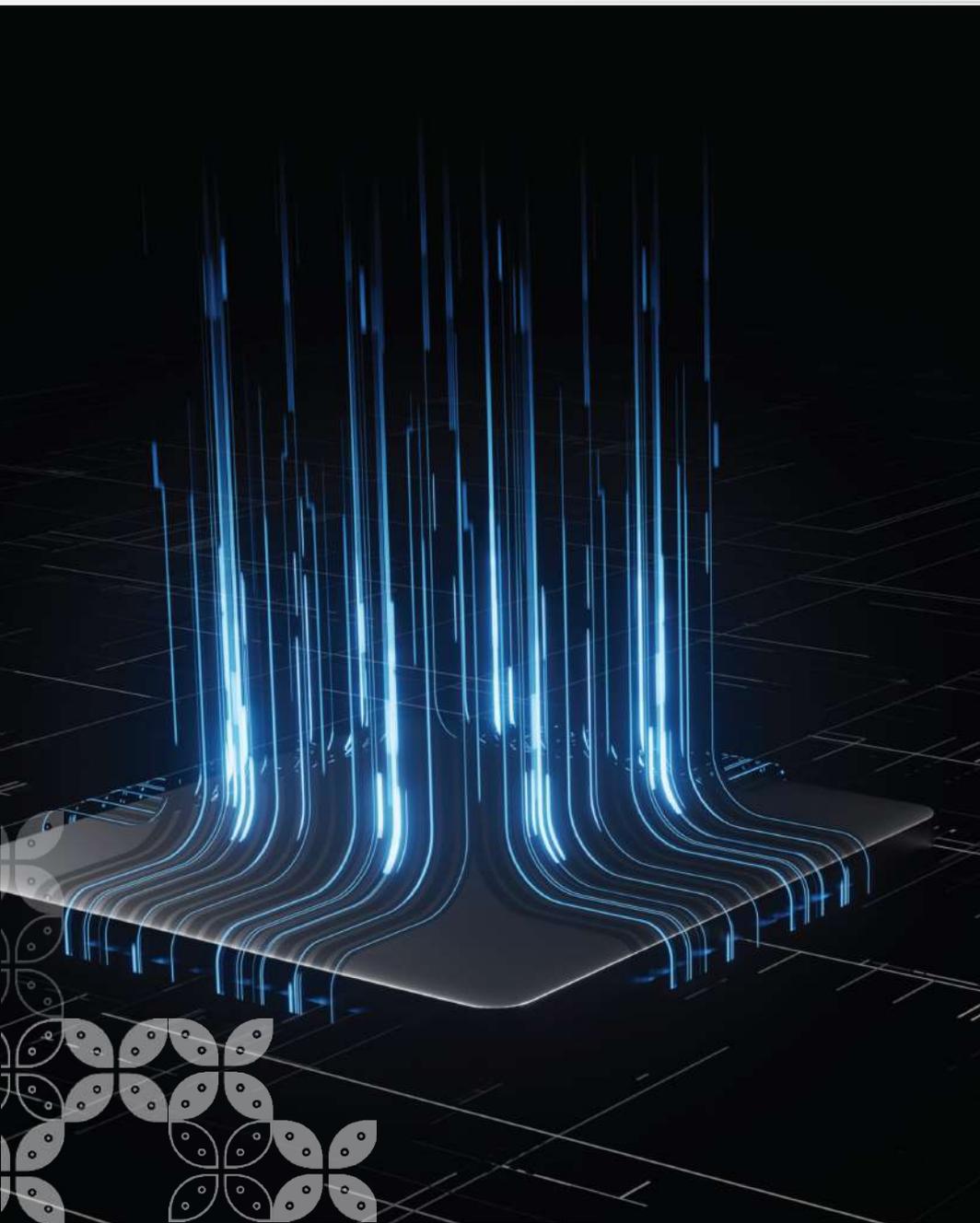
Ensure compliance with unique and changing local laws & security standards
- 

Deliver social value to local communities and economies
- 

Control access and flow of sensitive and restricted data across borders

Deka Sovereign Cloud Framework



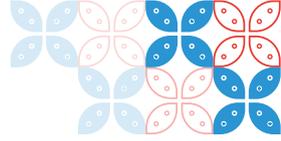


lintasarta
cloud*eka*

DekaDNS



DekaDNS Product



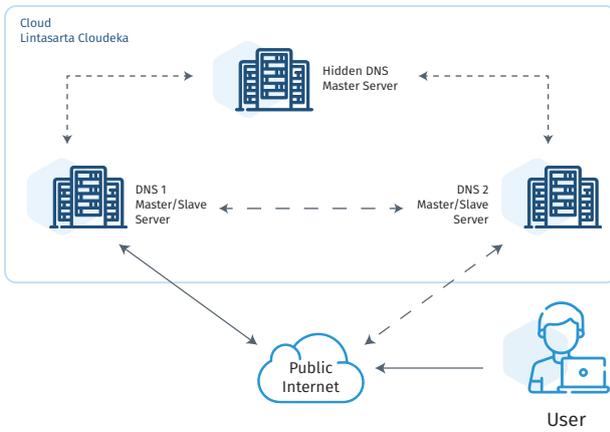
Part of Cloudeka Network as a Services that Reliable, fast, stable, low-latency DNS served by Cloudeka. Network with everything you need to register, manage, and serve your domains.

DekaDNS Benefit & Feature

Scalable, reliable, and managed DNS service.

Easy to Domain registration and management using one interface.

Publish and manage millions of DNS zones and records using one interface.



Support 3 regions.

Load balancing/failover algorithms.

Security support by DNSSEC.

Authoritative DNS server (hosting).

Resolving DNS server (caching).

DNS registration and management.

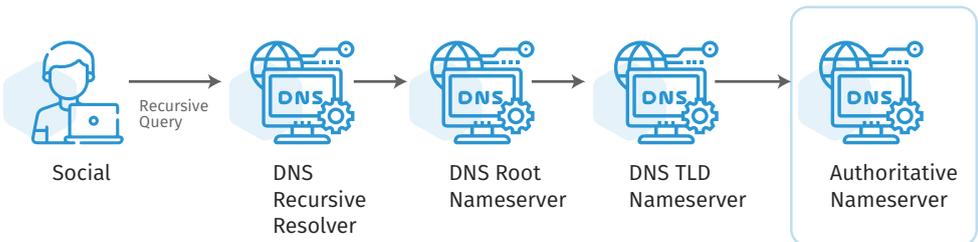
Zone and record management.

Proxy status.

Integration with DDos

DekaDNS as Authoritative

Authoritative DNS



Authoritative nameserver is the last stop in the nameserver query. If the authoritative name server has access to the requested record, it will return the IP address for the requested hostname back to the DNS Recursor.

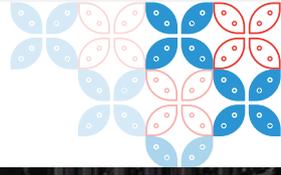


lintasarta
cloud*eka*

Deka Managed Services



Deka Managed Services



Cloudeka Managed Services that allow your business to reap the benefits of modern IT. Our cloud managed services are designed to help you reduce IT cost, focus on your business and improve service level. We make finding the right cloud solution for your business a breeze by providing Managed Services Deka Flexi, Deka CDN, Deka DNS, Deka Box.



Focus on Business



Improve SLA



Cost Optimization

Our Feature



One click Cloud Managed via Service Portal.



Incident Reporting.



Support proactive monitoring.

Our Managed Services Plan



Installation Support



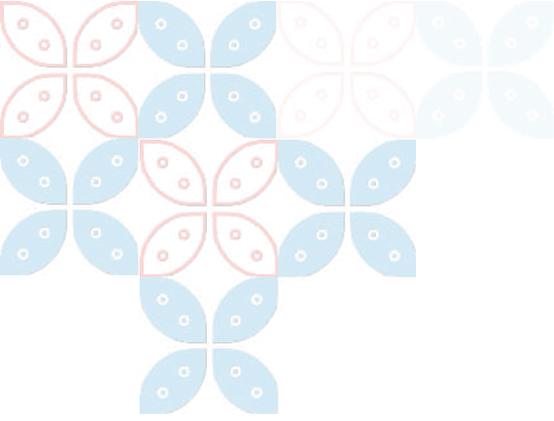
Problem Handling :

- Corrective, Troubleshoot & Solving problem.
- SLA 24 x 7.
- Response Time: 15 Minutes.
- MTTR: 4 Hour.



Change Request :

- Add, deleted and Change configuration.
- SLA 24 x 7.
- Response Time: 15 Minutes.
- MTTR: 4 Hour.



Consult with us to find the best solution
for your business

Lintasarta Cloudeka

Menara Thamrin 12th Floor
Jl. M. H. Thamrin Kav. 3 Jakarta 10250

☎ 14052

🖨 +6221 230 3567

info@lintasarta.co.id | info@cloudeka.id
www.lintasarta.net | www.cloudeka.id



Scan Me
for more information

Your Indonesian
Cloud Partner 