Cyfuture Cloud Transforms India's Data Center Landscape with linux cloud Options in Noida

Noida, Uttar Pradesh Jun 4, 2024 (Issuewire.com**)** - Cyfuture Cloud, the innovative cloud hosting solutions provider, is proud to unveil its innovative Linux cloud solutions offered through the company's modern data centre in Noida, India. This strategic move will certainly bring dramatic changes into the Indian market of data centres because it will provide a flexible and powerful solution for every company – from a young startup to a vast enterprise.

There are significant opportunities in India. Its digital economy is expected to grow to $1 trillion by 2025, as per the McClenskey report. Therefore,e, They are experiencing an unquenchable thirst for data centre services that will cater to their need as businesses grow. Now, Cyfuture Cloud has risen to the occasion and offered a Linux cloud solution in Noida, the city establishing itself fast as the next IT hub of India; this shift is far from the standard 'jack of all' trade policy seen in the market.

"In today's digital-first world, businesses require infrastructure that's as unique as their goals," says Vinod Yadav, AVP (Data Center Noida) of Cyfuture Cloud. "Our Linux cloud offerings in Noida embody this principle. Whether you're a fintech startup needing bare-metal performance for blockchain operations or an e-commerce giant requiring instant scalability for flash sales, we provide tailor-made solutions. This isn't just about hardware but empowering each business to architect its digital future."

This is a Tier-4 certification of Cyfuture Cloud's data centre, which is considered the highest level of data centre certification in the world. This classification ensures 99. Replacement occurs even after only 99.95% tube availability, which means less than 26 minutes of downtime per year. N+1 redundancy of the power grid, cooling units, and practically all of the data centre key components allows it to perform continuously, even in the worst-case scenarios, when some important part fails to work.

The heart of this innovation lies in Cyfuture Cloud's Linux cloud technology. Unlike traditional setups where resources are shared or pre-configured, each Linux cloud server is a dedicated machine, offering full root access and customization. Clients can choose every component:

- CPUs: From Intel Xeon Scalable to AMD EPYC, with options for up to 64 cores
- RAM: Starting at 32GB, expandable to a mammoth 2TB
- Storage: NVMe SSDs for lightning-fast I/O or high-capacity HDDs
- Network: 1Gbps to 100Gbps ports, with multiple IP options

"India's technological landscape is incredibly diverse," explains Ajay Rai, CTO at Cyfuture Cloud. "A media company in Mumbai might need GPU-accelerated servers for video rendering, while a healthcare startup in Bangalore requires HIPAA-compliant configurations. Our Linux cloud in Noida caters to this diversity. Moreover, with our 'Bare Metal + Cloud' hybrid model, businesses can have the best of both worlds—dedicated hardware for steady workloads and cloud bursting for peaks."

This flexibility extends to software as well. Clients can choose any operating system, from standard Linux distributions and Windows Server to specialized options like FreeBSD. Control panels such as cPanel, Plesk, or DirectAdmin are available, as are custom installations for unique needs.

Security, a paramount concern in India's digital economy, is another area where Cyfuture Cloud's data centre Noida excels. Each Linux cloud has a dedicated firewall appliance and DDoS protection to fend

off attacks up to 10 Gbps. Additional security measures such as Intel confidential computing with SGX, hardware-based security solutions, and TPM for boot authentication are provided. Out of the features discussed above, some common requirements make the facility acceptable for industries dealing with sensitive and restricted data. For instance, the facility complies with ISO 27001, PCI-DSS, and HIPAA.

Cyfuture Cloud's impact extends beyond technology. The company is contributing to data center India's balanced digital growth by choosing Noida for this innovative data centre.

Sustainability is another cornerstone of Cyfuture Cloud's [data center in India](#) operation. The servers are based on the new generation of Intel and AMD chips, but all the chips were selected for their ability to provide superior computing power in watts. Some cooling methods, such as hot or cold aisle containment, reduce power consumption by a considerable margin of 40%. Remarkably, more than 60% of the energy used in the facility is derived from renewable resources, mainly solar and wind power, with an ambitious goal of achieving total reliance on renewable energy by 2026.

As India approaches its digital Age, supply chain infrastructure, where power and pinpointed energy are available, will be anticipative.

With its innovative Linux cloud options in Noida, Cyfuture Cloud isn't just participating in this future—it's actively shaping it. By providing businesses across India with the tools to build their digital worlds, server by server, Cyfuture Cloud is turning the nation's tech aspirations into reality.

About Cyfuture Cloud:

Cyfuture Cloud, launched in 2009, is a prominent global cloud hosting solutions provider. It provides the full range of solutions, starting with cloud hosting and CDN and ending with bare metal. Cyfuture Cloud works with over 5,000 clients, including startups, government organizations, and even Fortune 500 companies.

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