

Azure Case Study



National Commodity and Derivatives Exchange

National Commodity & Derivatives Exchange Limited (NCDEX/ the Exchange) is a leading agricultural commodity exchange in India. The Exchange has a broad-based bouquet of permitted commodities aggregating to a total of 23 (which is also the highest), and includes commodities such as pulses, spices and guar, which are not traded on any platforms in the global scenario, and are economically relevant to India, forming an important component of India's global trade. NCDEX is currently looking for complete environment migration from Existing ONPREM to Azure for better management of resources and cost optimization.

WHAT WE OFFER



The NCDEX infrastructure was in Onprem and we have Migrated the services to Azure with the set of services like VMs, DB



We have helped the NCDEX for migrating the services with the below approach

1. **ASR:** We replicated the VM instance by ASR to bring it on Azure.



Customer was satisfied with all our support and assistance during the migration where we have assisted the NCDEX team for Migrating services from to Azure



The main Feature are:

1. Automation features will be a boon for you when you get to know more about Azure
2. scalability and reliability features are controlled by Microsoft Azure

WHAT OUR CUSTOMERS ARE SAYING

"kindly cascade this message to the entire team in G7 supporting NCDEX UAT setup , who have displayed excellent teamwork and temperament during our pre mock setup preparation as well-planned mock

– Rohit Survarna , from NCDEX

LEARN MORE

NCDEX

<https://www.ncdex.com/index.aspx>

Microsoft Azure is an open and flexible cloud platform that enables you to quickly build, deploy, scale, and manage applications across a global network of Microsoft data centers. You can build applications using multiple languages, tools, and frameworks.



KEY USE CASES



WEB APPLICATIONS

Build anything from lightweight websites to multi-tier cloud services that scale up as your traffic grows.



CLOUD STORAGE

Rely on geo-redundant cloud storage for backup, archiving, and disaster recovery.



BIG DATA & HPC

Get actionable insights from your data by taking advantage of a fully compatible, enterprise-ready Hadoop service.



MOBILE

Accelerate your mobile app development by using a backend hosted on Microsoft Azure.



MEDIA

Create, manage, and distribute media in the cloud – everything from encoding to content protection

WHY AZURE

FLEXIBLE APPLICATION MODEL

Microsoft Azure provides a rich set of application services, including SDKs, caching, messaging, and identity. You can write applications in .NET, PHP, Java, node.js, Python, Ruby, or using open REST protocols. This is all part of Microsoft's promise to let you build using any language, tool, or framework.

ALWAYS ON, ALWAYS HERE

Build resilient applications with automatic operating system and service updating, built-in network load balancing, and geo-redundant storage. Microsoft Azure also proudly delivers a 99.95% monthly SLA. You can rely on decades of experience in data center operations and trust that everything Microsoft Azure offers is backed by industry certifications for security and compliance.

DATA CENTER WITHOUT BOUNDARIES

Microsoft Azure makes it easy for you to integrate your on-premises IT environment with the public cloud. Migrate your virtual machines to Microsoft Azure without the need to convert them to a different format. Use the robust messaging and networking capabilities in Microsoft Azure to deliver hybrid solutions, and then manage your hybrid applications from a single console with Microsoft System Center.

GLOBAL REACH

With data centers around the globe, a massive investment in data center innovation, and a worldwide Content Delivery Network, you can build applications that provide the best experience for users, wherever they are.