



TECTRADE APSU CLOUD DISASTER RECOVERY AS A SERVICE

Supporting IBM i, AIX and Linux Environments with DRaaS

Organizations of all sizes have chosen IBM Power Systems to run their most mission-critical applications. This is for good reason. The performance, reliability, and security of IBM i, AIX and Linux workloads on IBM Power Systems are unequalled in the industry. You cannot afford to have these systems go down.

While these applications must keep working, High Availability (HA) and Disaster Recovery (DR) are cost-prohibitive for all but the largest enterprises. In traditional environments, HA and DR solutions require you to purchase duplicate hardware, software, and redundant data center space. But you do have another option.

We built our managed cloud on IBM Power Systems. The environment is managed 24x7 and provides high availability failover or disaster recovery targets in case your systems experience issues. Our managed cloud runs on Maximize, the most advanced IBM Power Systems management tool in the industry.

Tectrade APSU has been managing critical IBM i, AIX and Linux workloads running on market-leading IBM Power Systems for decades. As an IBM Platinum Business Partner, our highly accredited experts support platforms on a client's premises, hosted in a third-party data center or in the Tectrade APSU Cloud. Our multicloud platform allows organizations to meet changing demands, increasing and scaling-back resources in private, hybrid or public cloud environments.

Key Benefits of our DRaaS Solution

Extremely Affordable

Utilize our cloud with no upfront capital outlay or setup charges. You can tailor an affordable DR solution based on your unique business requirements.

IBM Approved

The service was designed with IBM and is delivered using IBM processes and procedures. DRaaS for IBM i has been approved and recommended by IBM since 2005.

Support for x86 Architectures

We understand that mission-critical environments often include x86 servers tightly-coupled to the IBM Power Systems and our DRaaS solutions support both architectures. We are unique as a cloud provider in that our cloud and managed service solutions are truly multi-platform.

24x7 US-Based Support

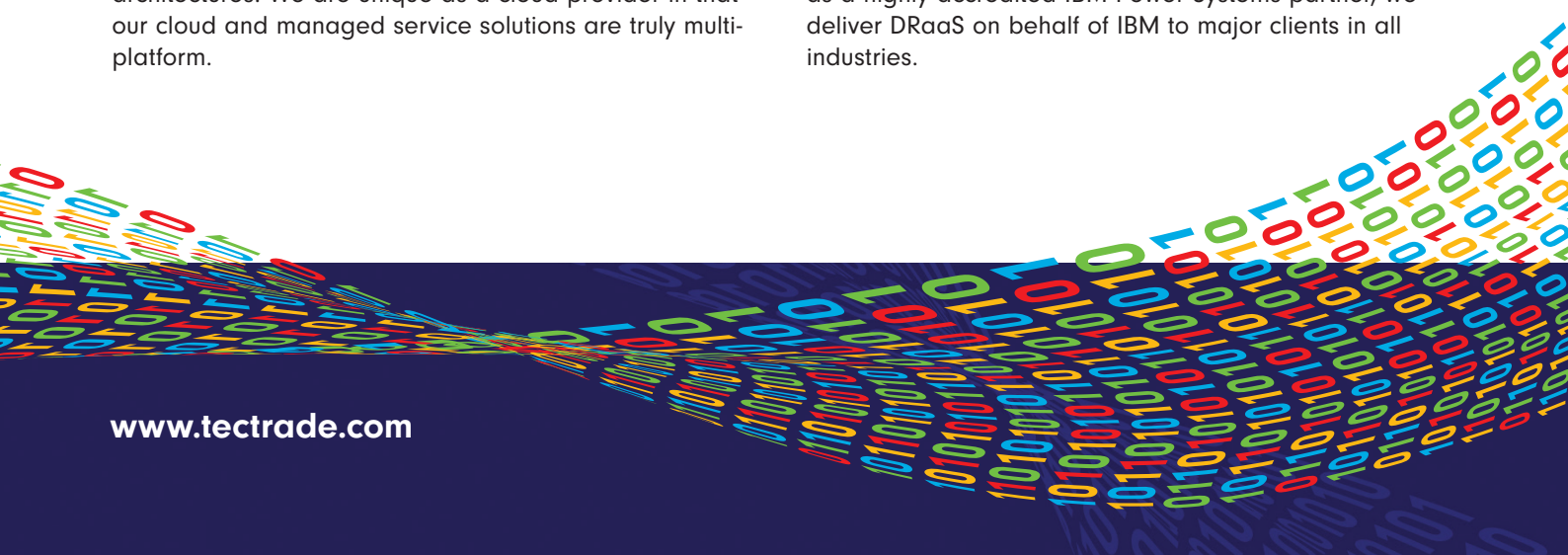
Our DR infrastructure resides in US-based data centers with systems monitored and managed 24x7 by technical resources located in Tennessee.

Security

We provide cloud services for financial institutions and other regulated industries, where security of access to data is paramount. Our managed cloud is protected against all security-related exit points, has network filtering with powerful intrusion detection modules, and features user-to-server security.

Highly Accredited

Our cloud was one of the first solutions for IBM i and, as a highly accredited IBM Power Systems partner, we deliver DRaaS on behalf of IBM to major clients in all industries.



High Availability and Disaster Recovery Services

Tectrade APSU DRaaS enables businesses to include a disaster recovery function in their business continuity planning. The DRaaS service ensures that in the event of a DR incident, organizations can be up and running within their chosen timescales. Tectrade APSU DRaaS allows organizations to ensure that workloads are protected and optimized securely, connecting critical compute with new and emerging applications.

Platinum
Business
Partner



Tectrade APSU DRaaS and High Availability services come in three versions, as shown below:

- The **File-based replicated offering**, also known as Hot Site recovery, utilizes replication software such as MIMIX or iTera. It works by replicating changes made to database files and other objects in real time between a source and target system to replicate objects needed to swap over and run on the target system in the event of a disaster or DR test.
- The **SAN to SAN replicated offering**, also known as Warm Site recovery, is provided by replication of data at the storage level. In the event of a disaster or DR test, LPARs are booted (IPL'd) from the target SAN.
- The **Cold Start service** is provided from the Tectrade APSU multi-tenant environment and is used for recovery of a system for testing or disaster recovery purposes utilizing physical or virtual tape and cold system resources. This will require an initialization of resources and complete restore of data.

All services will include monitoring and management of the DR environments, to ensure readiness if a request for DR is invoked. This service provides different scenarios and can be offered whether underlying systems are owned by the client organization, leased, dedicated or shared on-premise at a Tectrade APSU data center.

Service Element	Cold Start	File-based Replication	SAN to SAN Replication
Data Center			
Tectrade APSU Cloud	X	X	X
Client-owned on-premise replicated to Tectrade APSU Cloud	X	X	X
Client-owned replicated to client-owned data center	X	X	X
Supported Architectures			
Tape	X		
Virtual Tape Library (VTL) Replication	X		
MIMIX		X	
IBM SAN to SAN Global Mirror			X
Application / Database Replication		X	

IBM-Endorsed Solution Provider

Tectrade APSU is a trusted provider of cloud and managed services solutions for IBM as well as data center operators, technology distributors, and IBM Business Partners that make up our partner channel. We have 25+ years of experience supporting IBM Power Systems, from AS/400 to IBM i, from RS/6000 to AIX, as well as Linux on Power. That experience is why we are the exclusive white-label provider of DRaaS for IBM's North American customers.

Additional Services from Tectrade APSU

To help our clients achieve their specific business goals, we offer a number of additional IT services, including:

- Tectrade APSU IBM i Cloud Services
- Tectrade APSU AIX Cloud Services
- Tectrade APSU Linux on Power Cloud Services
- AI-optimised Cloud Infrastructure
- Network Monitoring & Management
- Backup and Recovery Simulator
- Professional Services e.g. consultancy, project management, risk mitigation and roadmap reviews

Get in touch:
info@tectrade.com
www.tectrade.com

379 West Broadway
New York, 10112
+1 646 493 9811