

FUNDANET OPTIMIZED CLOUD



Our Optimized Cloud is a flexible, controlled multi-server environment for running high-performance, secure Clinical studies. It delivers a powerful, configurable infrastructure, complete redundancy, dynamic scalability, and a critical set of services.

Highlights include:

- Validated and optimized for running FUNDANET with the highest level of security
- Microsoft Azure Virtual Machines – Infrastructure as a service (IAAS)
- Zero data loss architecture
- Enhanced data security via peripheral firewalls
- 99.95% SLA IT infrastructure uptime
- Lowest total cost of ownership
- Focus on your research, not IT headaches
- Reduce risk

Technical features:

- Cluster Microsoft SQL Server 2016 database
- Hardened application and database server security via Microsoft Azure Virtual Machine Firewall
- Database behind second firewall and on two redundant servers for increased reliability and security
- SSL encrypted data transfer.TLS.1 (A+ score from www.ssllabs.com)
- Daily back-ups; offsite back-up storage
- Local Redundant Storage (LRS) – 3 copies in the same CPD for Virtual Machines
- Zone Redundant Storage (ZRS) – 3 copies in 3 different CPDs for Back-ups
- Data center secured, : ISO/IEC 27001 and ISO/IEC 27018
- Microsoft Azure provides 24/7/365 system and network monitoring for uptime, intrusion detection and predictive failure
- Security audit logs

Microsoft Azure Infrastructure is validated against HIPAA, HITECH Act and is ISO/IEC 27018 certified for information security

