Figure 26-2: Whois IT and Infrastructure Resources. *Verisign uses a common Whois resolution network architecture at each primary site provisioning the Whois service.*

Component	Implementation/Configuration
Load Balancers	• Deployed as a pair for maximum availability and resilience. • Help ensure workload is evenly distributed across all systems within the <new string> gTLD resolution network.
Layer-3 Switches	• Four switches are installed in Verisign's resolution network environment: two for front-office management, and two for back-office management. • Switches provide both routing and switching for the <new string> gTLD environment across the front-office network.
Terminal Servers	• Deployed as a pair of terminal servers to enable out-of-band management of all network hardware. • Used in the event that primary network access is unavailable at Verisign's primary resolution sites.
Virtual Private Networks (VPN)	• Pair of VPNs installed at each of Verisign's primary resolution sites for secure remote access to the installed systems.
Commodity Servers	Supporting Whois data processing needs, each commodity server consists of the following specifications: • Two central processing units (CPUs) • 2 – 6 gigabytes (GB) random access memory (RAM) (as dictated by the server function) • 2x73GB hard drive
Database Servers	Supporting Whois data processing needs, each database server consists of the following specifications: • 16 cores (4 x quad-core CPUs) • 64GB RAM • 5x73GB hard drive