**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 .bank 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 .bank 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

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