**Kenneth Delliber 10/14/2023 CDMDE1010: CDM Capstone (August\_2023\_York)**

**Revised Network Diagram:**

1. **Primary Site:**
   * **Cloud Provider:** This will be the central location where all data is stored and managed. Services such as AWS, Azure, or Google Cloud can be used.
   * **Workstations:** Multiple computers are connected to the cloud provider to access and manage data.
   * **Printer:** A network printer accessible by all workstations.
   * **CCTV System:** Connected to the cloud for storage and monitoring.
   * **Router:** Provides internet connectivity and secure access to the cloud provider.
2. **Competitor's Location:**
   * **Workstations:** Computers for employees and customers to view photos. These will also connect to the cloud provider for data access.
   * **Router:** Provides internet connectivity and connects to the cloud provider securely.
3. **Cloud Connection:** A secure connection between the primary site, the competitor's location, and the cloud provider for data sharing and remote access.

[*See attached Visio file*]

**Equipment Specifications (Revised):**

1. **Cloud Provider:**
   * Provider: AWS (Amazon Web Services)
   * Service: Amazon EC2 (Elastic Compute Cloud) for computing needs
   * Storage: Amazon S3 for data storage
   * Security: Amazon VPC (Virtual Private Cloud) for the secure and isolated network
2. **Workstations:**
   * Brand: Lenovo
   * Model: ThinkCentre M920s
   * Storage: 512GB SSD
   * RAM: 16GB
   * OS: Windows 10 Pro
3. **Router:**
   * Brand: Cisco
   * Model: RV340 Dual WAN Gigabit Router
   * Features: VPN support, Dual WAN for redundancy
4. **CCTV System:**
   * Brand: Hikvision
   * Model: DS-7608NI-Q2/8P
   * Features: 8-channel, 4K resolution support, remote access to cloud storage

**Other Relevant Documents:**

1. **Cloud Configuration Guide:** A detailed guide on how the cloud services are set up, IP address allocations, and secure access instructions.
2. **Security Protocols:** A document outlining the security measures in place, including firewall settings, VPC configurations, and access controls.
3. **Maintenance Schedule:** A schedule for regular cloud maintenance, updates, and backups.