CyberData Configuration 03/23/2012

Dedicated Server Configuration	Price/mo	
2 CPU *(8 cores)*	$	532.00
16 G RAM (minimum 8GB)	$	13.60
1.6 TB Storage *(useable)*	$	128.00
Price per instance of OS & std SQL	$	95.56
Plus/minus cost of additional GB of RAM	$	5.21
Plus/minus backup of storage (per GB)	$	0.125
1 time set up cost, if any, for environment as is	$	495.00
1 time set up cost for subsequent VM instances, such as below, in the above hardware config.	$	249.00
Total	$	1,518.50

VM Server Configuration	Price/mo	
1 CPU *(1 core)*	$	195.00
4 G RAM	$	6.80
500 GB Storage *(useable)*	$	50.00
Price per instance of OS & std SQL	$	85.56
Plus/minus cost of additional GB of RAM	$	5.21
Plus/minus backup of usable storage	$	0.125
1 time set up cost per VM instance	$	50.00
Total	$	392.70

CYBERDATA'S TIER 3 HOSTING SOLUTIONS

ABOUT

CyberData offers Tier 3 and Tier 4 hosting solutions which ensures that Virginia State Agency applications, websites, databases, data and environments are secure and monitored 24/7/365. We enable Agencies to deploy hardware, operating systems and mission-critical applications into an environment that fits their scale, security, and budget needs.

We offer private cloud solutions built specifically for Virginia's COV domain, public clouds for quick deployments and testing, as well as dedicated and virtualized environments.

Whether it is for a testing, hot site, development or production environment, our highly flexible cloud and dedicated server solutions enable complete customization according to their hardware infrastructure configuration, software, and specific applications. CyberData provides a variety of backup and recovery solutions to fit your needs, including: Redundancy, Clustering SAN, & Disaster Recovery Services.

CyberData's highly skilled experts can support your Agency through the decision process, hosting migration, and work with you to trouble shoot any challenges that might arise from the transition. Moreover, CyberData is the only company that won both the hosting and the application O&M VITA eServices contracts which enables us to deliver seamless support and continued communication acrossyour applications and hosted environments. As a result, CyberData provides Hosting, Application & Software and Infrastructure / Platform fully managed services.

TIER 3 PRIVATE CLOUD, DEDICATED & VIRTUALIZED: DATA CENTER FEATURES
Certifications: SSAE 16 / ISAE 3402 (formerly SAS70 Type II)

Security Features:
Biometric hand readers or fingerprint readers (two-factor authentication)
SAS 70 Type II certified
24x7x365 physical security at every entry point
Physical security provided by 3rd party security professionals such as Whelan, Securitas, and Wackenhut
Site surveillance recorded via DVR and kept for 90 days minimum
Perimeter security fencing, concrete bollards, and other set back barriers protecting each facility

Environmental Features:
Branch power circuit monitoring
Computerized environmental controls and monitoring
Minimum of 180 watts per foot or higher density
FM200 Dry pipe fire suppression with VESDA
n+1 cooling, n+1 UPS, automatic transfer switch between critical components, diesel generators, 2n availability
Dual power feeds from diverse power grids

TIER 3 PUBLIC CLOUD: DATA CENTER FEATURES
Certifications: SSAE 16 / ISAE 3402 (formerly SAS70 Type II), Safe Harbor, ISO 27001

Security Features:
Two-factor authentication is required to access all data center facilities.
Electromechanical locks are controlled by biometric authentication
Only authorized data center personnel have access to data halls.
Termination and role-change control procedures are
Closed-circuit video surveillance and Centralized Security Management Systems
Data centers are operational 24x7x365 and are manned around the clock

Operational Features:
Static IP Addresses
Built-in High Availability
Multiple Protocols Support
Connection Logging
Connection Throttling
Session Persistence
Advanced Access Control

PRICING

Tier 3 VM Configuration for Website (Static)	Quantity	$ / Month	VA Agency Uses
Website	1	$0.00	Ideal for Agency static websites, micro-sites, etc. Far better than Tier 1 capabilities.
Pages per Site	Unlimited	$0.00	
OS / RAM / Storage Bundle	1	$95.56	
Additional Backup Storage ($.13 per GB)	0	$0.00	
Total per Month*		**$95.56**	

Tier 3 VM Configuration for Web Application	Quantity	$ / Month	VA Agency Uses
CPU/Core and OS Bundled	1	$245.00	Ideal for basic Agency web applications and web-services, including electronic forms, Scripts, Databases and other small - medium applications. Application Technologies include: ASP, ASP.Net, PHP, ColdFusion, RubyonRails, Jquery, MySQL Database, MySQL Server, SQL, Microsoft Sharepoint, Microsoft Dynamics.
RAM ($1.70 per GB)	4	$13.60	
Usable Storage ($0.10 per GB)	800	$80.00	
Additional Backup Storage ($.13 per GB)	0	$0.00	
Total per Month*		**$338.60**	

Tier 3 Cloud Configuration for Web Application	Quantity	$ / Month	VA Agency Uses
CPU/Core and OS Bundled	1	$335.00	Ideal for test and development environments where quick spinup and spindown of different environments might be required. Also, ideal for rush production deployments.
RAM ($1.70 per GB)	4	$13.60	
Usable Storage ($0.10 per GB)	800	$80.00	
Additional Backup Storage ($.13 per GB)	0	$0.00	
Total per Month*		**$428.60**	

Tier 3 COV Domain Private Cloud	Quantity	$ / Month	VA Agency Uses
CPU/Core, OS & Firewall Bundled	1	$365.00	CyberData's Private Cloud provides COV Domain Agencies with a firewall and servers dedicated to their applications and requirements.
RAM ($1.70 per GB)	4	$13.60	
Usable Storage ($0.10 per GB)	800	$80.00	
Additional Backup Storage ($.13 per GB)	0	$0.00	
Total per Month*		**$458.60**	

Tier 3 Dedicated Server	Quantity	$ / Month	VA Agency Uses
CPU/Core	1	$224.00	Ideal for applications and production environments requiring dedicated servers, including payment processing, mission-critical applications, data & access security sensitve requirements.
OS & SQL	1	$440.00	
RAM ($1.70 per GB)	4	$13.60	
Usable Storage ($0.10 per GB)	800	$80.00	
Additional Backup Storage ($.13 per GB)	0	$0.00	
Total per Month*		**$757.60**	

Options

- Domain Name Hosting
- FTP Accounts Setup & Access
- Fully Managed Support Options
- Storage Space
- Flexible Billing Options (ie. Quarterly or Annual)
- Flexible Backups & Data Retention Options (Tape backup, Hot Sites etc Retained for XX Days)
- Web Traffic Analytics & Stats
- Shared Switch Services
- Dedicated Switches - Single Switch
- Dedicated Switches - Redundant Switches w/ Automatic Failover
- Shared Firewall Services
- Dedicated Firewall - Single Firewall
- Dedicated Firewall - Redundant Switches w/ Automatic Failover
- Shared Web Load Balancing
- Dedicated Web Load Balancing - Single Load Balancers
- Dedicated Web Load Balancing - Redundant Load Balancers w/ Active Redundancy
- Data & Application Syncronization Services
- Dedicated Backup Services
- Managed Frame Relay Services

Does not include setup fee which is based on specific scope of work. All prices subject to change - contact CyberData for quote.

Notes:
1. CyberData can provide Tier 1 capabilities upon request, however, we do not recommend it for State of Virginia requirements.
2. Tier 2 and Tier 3 Hosting are nearly identical except for Tier 3 provides concurrent maintenance to reduce downtime. Because the cost structures are similar, CyberData provides Tier 3 capabilities.
3. CyberData can provide Tier 4 Hosting upon request. This is ideal for Agencies with high level of security needs and requires multiple, independent and physically separate systems.