

A decorative graphic on the left side of the slide, consisting of a network of light blue lines and circles that resemble a circuit board or data flow diagram.

CBAI SECURED SOLUTIONS FOR COMMUNITY BANKS

WEBSITE HOSTING SERVICES



WEBSITE HOSTING SERVICES

- Features – What features of the CBAI Web Hosting program help member banks stay ahead of the curve in threat management, reporting and support.
- Security – How is CBAI providing security for their hosting members?
- Redundancy & Recovery Services – How is the CBAI hosting platform providing Recovery services to member banks?



WEB HOSTING PLATFORM FEATURES

- Support of Linux & Windows web programming platforms
- Monthly website stat reports
- Administrative control panel
- 24x7x365 server monitoring and support
- Examiner comments and observations



WHAT'S THE DIFFERENCE BETWEEN LINUX & WINDOWS HOSTING PLATFORMS?

Features	Linux (cPanel) Web Servers	Windows (IIS) Web Servers
Native Programming Languages	Built for use with HTML and PHP deployments in mind.	Built for use with HTML and .NET deployments in mind
Native Database	Built for use with MySQL integration	Built for use with MS SQL integration
Customer Administration	cPanel interface eases web hosting administrative and user tasks	wPanel interface eases web hosting administrative and user tasks
Support	Community Support	Corporate Support
CBAI Supported Platform	Yes	Yes
Requires Website Security Upgrades	Yes as Apache, PHP and SSL ciphers are patched for new security standards	Yes as IIS, .NET and SSL ciphers are patched for new security standards



WHY WEBSITE STAT REPORTS?

- Monthly reporting allow the end customer to see metrics such as: website hits, pages visited, country or IP of origin, bandwidth usage, etc.
- Security Concerns: These reports can show potential security concerns such as a country hitting web pages that are unexpected or IP's with abnormal amounts of hits on a website.
- Marketing Support: These reports can show the effectiveness of web campaigns that direct users to specific pages as well as most visited pages.



THE USER ADMINISTRATIVE CONTROL PANELS

- Both Windows and Linux control panels allow the administrator or user to access specific functions pertaining to their hosting account
 - Access and editing of website files via FTP or web access
 - Create backups of site data
 - Setup website maintenance jobs
 - Create or Edit sub-domains and parked domains
- These features allow much more rapid response from web developers and support staff to make changes to your website services in a graphical interface.



HOSTING PLATFORM SUPPORT AND POWERED BY DBS

- Experts on Web Hosting services and platforms
- Thorough web server security lockdown support
- Secure patching and remediation
- NOC services and 24x7x365 monitoring
- Upgrade and maintenance planning and consulting for hosting platform
- Trackable ticketing for web hosting platform events and maintenance



WHAT ARE EXAMINERS LOOKING FOR?

- Security – As programming languages and SSL measures are changed the requirement to upgrade a banks website is necessary to allow it to operate under the stricter standards in this evolving market. As such banks should budget for regular updates at least bi-annually to keep their sites secure. In turn this should affect customer marketing and peace of mind that the bank is investing in the security of their customer facing systems.
- Customer Information Request Forms – All customer information gleaned from forms on a public website must have security and encryption measures in place for retrieval of the information. Remember Email is not secure by nature and should not be used to accept customer private information from website forms.



WEB HOSTING PLATFORM SECURITY

- Quarterly Vulnerability Assessments
- Software Firewall security features
- Hardware Firewall security features
- Compliance reporting via FAS-70, SSAE Type 2, and Business Resumption Contingency Plans
- Datacenter operations and physical security measures and operations



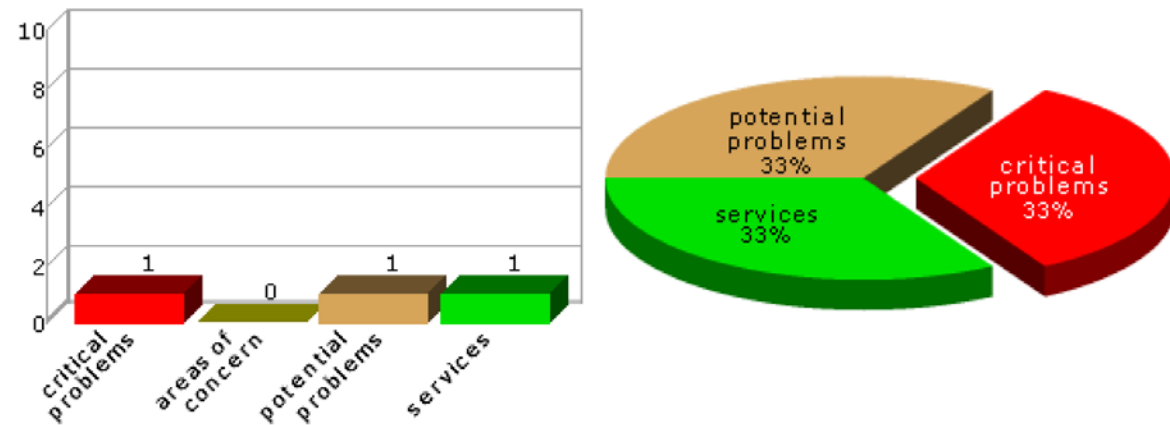
QUARTERLY VULNERABILITY ASSESSMENTS

CBAI provides quarterly vulnerability testing on their hosting platform and shares the results with hosting member banks. This allows transparency into the hosting security platform and ensures that CBAI is performing proper security maintenance and patching of hosting services.

The sections below summarize the results of the scan.

2.1 Vulnerabilities by Severity

This section shows the overall number of vulnerabilities and services detected at each severity level.



WEB HOSTING SERVER SOFTWARE FIREWALLS

- cPanel & Windows both have multiple firewall programs in place to help alleviate any threats that get through the hardware firewall layer. Both firewalls provide multiple security features such as:
 - Stateful Packet Inspection (SPI)
 - Automatic blocking for specific abnormal activities
 - Whitelisting of known valid activities



HARDWARE FIREWALL FEATURES

- CBAI utilizes Sonicwall Hardware Firewalls to enabled security at the perimeter of the hosted platform before it ever gets to the main servers.

Some of these benefits are:

- Gateway Antivirus
- Intrusion Prevention Service (IPS)
- GeolP Filtering
- Content Filtering and App Filtering



DATACENTER REPORTING

- The CBAI hosting platform is physically hosted in a secured datacenter that provides ongoing security and compliance reporting including:
 - FAS-70 Reports
 - SSAE Type 2 Reports
- CBAI also includes Redundancy and Resumption Plans
 - These plans are given to hosted banks listed as the CBAI Business Resumption Contingency Plan.



DATACENTER PHYSICAL SECURITY FEATURES

- The CBAI Datacenter is equipped with state of the art manned/unmanned security protection including:
 - Secured Manned Front door access.
 - Biometric and Card Reader Inside door access at second checkpoint (Security Desk)
 - Man-Traps at entrance to each winged section
 - Security codes and locks on each cabinet
 - Required verification of equipment in/out as well as required site visit pre-authorization



WEB HOSTING SERVICE REDUNDANCY/RECOVERY

- Certified Network and Support Professionals
- Redundant Power, Hardware, Internet
- Automated Backup and Recovery Services



CBAI HOSTING PLATFORM SPECIALISTS

- DBS Support professionals have many certifications and long standing real world application of required tiered support with vendors such as:
 - Microsoft
 - VMWare
 - Sonicwall
 - Barracuda
 - RedHat
 - Office 365
 - And more...



DATACENTER REDUNDANCY SERVICES

- The CBAI datacenter includes many redundancy features such as:
 - High powered redundant climate control systems
 - Redundant Power
 - Multiple city power grids
 - Battery Backups
 - Generators
 - Redundant network service level devices



BACKUP SOLUTIONS FOR HOSTED PLATFORM

- CBAI utilizes multiple backup solutions for redundancy and reliability when performing restores or recovery operations including:
 - VMWare machine level backups
 - Server level backups
 - Site level backups
 - Off-Site storage of backups
 - Individual backups during migration or implementation operations
 - SAN storage arrays connected to multiple Server class systems to ensure hardware redundancy
 - Network device redundancy including switch and firewall infrastructures



CBAI SECURED SOLUTIONS FOR COMMUNITY BANKS WEBSITE HOSTING SERVICES

FOR MORE INFORMATION:

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