

Cyberoam vs. ForeFront Threat Management Gateway 2010 ⁱ

Cyberoam Certifications

Westcoast Labs Checkmark Certification:

UTM Level 5

Categories:

- Enterprise Firewall
- VPN
- Anti-Virus and Anti Spyware Gateway
- Premium Level Anti-Spam
- IPS
- URL Filtering



ICSA Certification

Category:

- Corporate Firewall with Active- Active High Availability



IPv6 Ready Logo

- Phase 2 Gold Logo



Awards

Winner of 2008/2009 ZDNet Award

Category:

- IT Leader
- Asia's Most Promising Asian TechnoVisionaries



International Data Group's (IDG) Channel World Magazine

- Gold Award



Product Review

- PC Pro Recommended UTM
- Techworld Recommended UTM
- ITPro Editor's Choice



- **SC Magazine** : Cyberoam UTM Overall Rating: ★★★★★ - 5 Stars
- **SC Magazine** : Best Buy



Cyberoam UTM is Member of :

Virtual Private Network Consortium (VPNC)

- Basic Interop, AES Interop, SSL Portal, SSL Firefox
- SSL Java Script, SSL Basic Network Extension, SSL Advanced Network Extension



Internet Watch Foundation

Toll Free Numbers

USA : +1-877-777-0368 | **India** : 1-800-301-00013

APAC/MEA : +1-877-777-0368 | **Europe** : +44-808-120-3958

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| Features Comparison (Based on Datasheets) | Cyberoam CR 15i, CR 25i, 25ia, 35ia, 50ia, 100ia, 200i, 300i, 500i, 500ia, 750ia, 1000i, 1500i | ForeFront Threat Management Gateway 2010 |
|---|---|---|
| Primary Security Requirement: Access Control | | |
| Firewall | Identity, Group and IP Address based | Not Identity based |
| WestCoast Lab's Checkmark Certified UTM Level 5 | Yes | Not Certified |
| ICSA and WestCoast Lab's Checkmark Enterprise Certified Firewall | Yes | Not Certified |
| HTTP Proxy with Antivirus and Content Filtering Capability | Yes | Yes |
| Appliance Deployment Modes: Gateway (Route), Transparent (Bridge) | Yes | Not Applicable |
| Layer 7 Visibility and Control | Yes | Yes |
| Appliance Management | | |
| Available Formats | Appliance | Software Only, Installs on Windows Server 2008 SP2 or Windows Server 2008 R2, Not a Security Hardened Operating System |
| Management Interface | Web and CLI (TELNET, SSH) | Only Web |
| Ease of Use | Click here for demo | Online demo not available |
| Web 2.0 GUI | Click here for demo | Online demo not available |
| Automated Windows Single Sign On | Yes | Yes |
| AAA Integration | Local, Windows PDC, AD, LDAP, RSA SecurID and Radius | No clear information |
| Central Management and Upgrade Support | Cyberoam Central Console supports up to 200 appliances | Yes |
| Content Security: Web Content Filtering, Anti Virus, Anti Spam, Anti Spyware, Intrusion Prevention | | |
| Identity Based Web Content Filtering | Individual user and Group based | Information not available |
| Web and Content Filtering Database Quality | Excellent (82+ Categories) | No information regarding number of categories, uses Microsoft Reputation Services |
| Checkmark Certified URL Filtering Engine | Yes | No |
| Domain Name based HTTPS Filtering | Yes | Yes |
| Phishing Protection | Yes (Blocks emails and Web traffic) | Yes, with the help of Microsoft Reputation Services |
| Pharming Protection | Yes | No |
| Spyware Sites Protection | Yes | No |
| Anonymous Proxy Blocking | Yes | No |

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|---|--|---|
| Data Leakage Prevention | Yes | No |
| Embedded URL Filtering | Yes | No |
| Search Engine Safe Search Enforcement | Yes | No |
| Gateway Anti Spam (Checkmark Premium Level Certified) | Email Address Based Rules with Recurrent Pattern Detection (RPD) for zero hour response | No Gateway Anti Spam |
| IP Reputation Filters | Yes, Drops spam before downloading to the mail server | No Gateway Anti Spam |
| Identity Based Anti Spam | Yes | No Gateway Anti Spam |
| Language and Content Independent Anti Spam Engine | Yes | No Gateway Anti Spam |
| Mail Virus Outbreak Detection | Yes | No Gateway Anti Spam |
| Gateway Anti Spam Protocols Protected | SMTP, POP3, IMAP | No Gateway Anti Spam |
| HTTPS Scanning for malware | Yes | No Gateway Anti Spam |
| Self Service User Based Quarantine for Spam Mails | Yes | No Gateway Anti Spam |
| Gateway Anti Virus (Checkmark Certified) | Yes | Only for Web traffic |
| Identity Based Anti Virus | Yes | No |
| Self Service User Based Quarantine for Virus Mails | Yes | No |
| Gateway Anti Spyware (Checkmark Certified) | Yes | No |
| Gateway Anti Virus Protocols Protected | HTTP, SMTP, POP3, IMAP, FTP | Only Web protocols |
| Instant Messaging Control | IP Address and User based individual and Group control over Webcam, File Transfer, Voice and Text Chat Communication | No |
| Instant Messenger Logging and Reporting | IP Address and User based individual and Group Logging and Reporting of Webcam usage, File Transfer, Voice usage and Text Chat Communication | No |
| Rule based application Control (P2P, media etc.) | IP Address and User based | No |
| Intrusion Prevention System (Checkmark Certified) | Yes | Not proper IPS, provides DoS Protections |
| Identity-Based Intrusion Prevention System | Yes with Multiple IPS Policy Support | No Intrusion Prevention System |
| Multiple IPS Policy Support to reduce packet latency | Yes | No Intrusion Prevention System |

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|---|---|---|
| Virtual Private Network (VPN) | | |
| VPN | L2TP, PPTP, IPsec, SSL* | No SSL VPN Support |
| Identity Based VPN | Yes | No information |
| XAUTH Support For VPN | Local, Windows PDC, AD, LDAP, RSA SecurID and Radius | No information |
| VPNC Basic and AES Certified VPN Gateway | Yes | Not Certified |
| Checkmark Certified VPN Gateway | Yes | Not Certified |
| VPN Connection Fail-Over | Yes | No |
| Bandwidth Management | | |
| Granular Bandwidth Management | IP Address and User based | No |
| Bandwidth (Data Transfer) Quota | Yes | No |
| Web Category based Bandwidth Management | Yes | No |
| Application and Application Category based Bandwidth Management | Yes | No |
| Load Balancing | | |
| Server Load Balancing | Yes | No |
| Multiple ISP Load Balancing | Yes, for n number of links, based on ports availability | Supports Network Load balancing |
| Rule based ISP Gateway Fail-Over | Multiple rules and protocol supported | No |
| Networking | | |
| High Availability | Active-Passive / Active-Active | No information |
| Dynamic Routing | RIPv1, RIPv2, OSPF, BGP | Not Supported |
| 802.1q VLAN Tagging | Yes | Not Supported |
| VLAN over WAN | Yes | Not Supported |
| 3G and Wimax (WWAN) Support | Yes | Not Supported |
| WiFi WLAN Support | Yes | Not Supported |
| Reporting | | |
| On Appliance Reporting** | Yes, Web Based Report Engine, No extra cost | Limited |
| Complimentary to Compliance | HIPAA, GLBA, SOX, PCI, FISMA | No |
| External Reporting | Yes, Indigenously Designed Open Source Logging and Reporting Solution: Cyberoam-iView, Provides In-depth logging and reporting for multiple devices apart from Cyberoam | External Logging, Logs may be sent to a Microsoft SQL Server located on the internal network. |
| Comprehensive user wise blended reporting | Yes | Logging Facility |
| Extensive Logging and Log Viewer | Yes | Supports real time log view |

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|--|---|---|
| Data transfer reporting | Yes | No |
| Application Traffic Discovery | IP Address and User based | No |
| Transparent Mail activity reporting | Yes | No |
| HTTP Upload Report | Yes | No |
| Syslog Support | Yes up to 5 syslogs | No |

| Cyberoam in Numbers | |
|---------------------------------|---------------------------|
| World wide Presence | Deployed in 90+ countries |
| Number of Anti Virus Signatures | 2+ Million |
| Virus Detection Rate | 98.46% |
| Spam Detection Rate | 98% |
| False Positive Rate | 1 in One Million |
| Number of URL categories | 82+ |

Disclaimer

1. * Available only in CR25i, CR50i, CR50ia, CR100i, CR100ia, CR200i, CR300i, CR500i, CR 500ia, CR 750ia, CR1000i and CR1500i Appliances
2. ** Only for the previous day for CR15i Appliances
3. This document is strictly confidential and intended for private circulation only.
4. The features of any of the products are likely to change without prior notice.
5. The comparison is based on publicly available information only.

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ⁱ Source of information

<http://www.cyberoam.com>

<http://www.microsoft.com/forefront/threat-management-gateway/en/us/features.aspx>



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