



# Barracuda SSL VPN Vx

Enables secure, clientless remote access

## Secure Remote Access for Virtual Environments

Affordable and easy to use, the Barracuda SSL VPN Vx is a virtual appliance ideal for giving remote users secure access to virtualized network resources. Based on Barracuda Network's popular SSL VPN hardware appliance, the Barracuda SSL VPN Vx uses common browsers to give remote users secure network access from any computer — without the IP address conflicts caused by using IPsec VPN software clients.

## Highly Secure

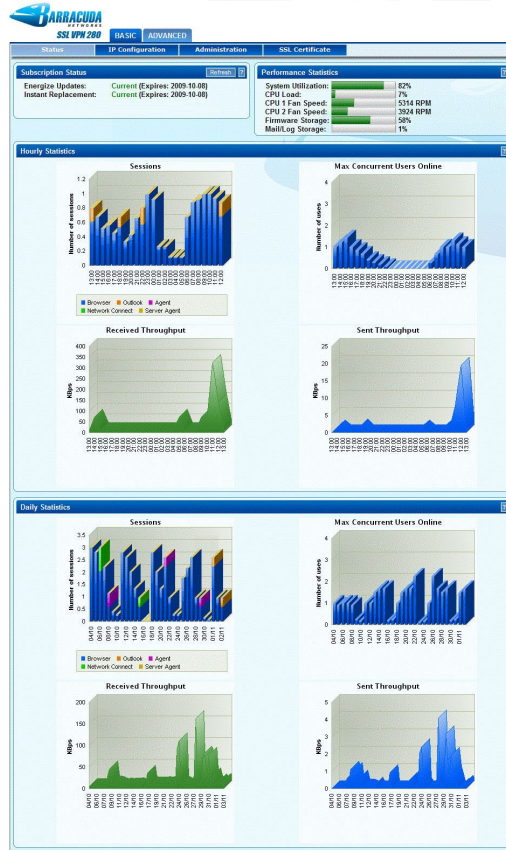
Since users can access network resources through a wide variety of private and shared computers, the Barracuda SSL VPN Vx provides industry-leading protection against client vulnerabilities. A virtual keyboard is available to prevent key loggers from stealing users' login credentials. Built in and third-party multifactor authentication ensures only authorized users can login, while network access control (NAC) only connects clients that meet chosen security standards. At the end of sessions, a cache cleaner removes session information from clients to prevent unauthorized information disclosure. For secure remote access through smart phones and other mobile devices, the Barracuda SSL VPN supports L2TP/IPsec and PPTP.

## Granular Access

Integrated with LDAP and Active Directory, the Barracuda SSL VPN Vx lets administrators grant granular user access to applications, network places and web forwards based on user and group IDs as well as many other factors.

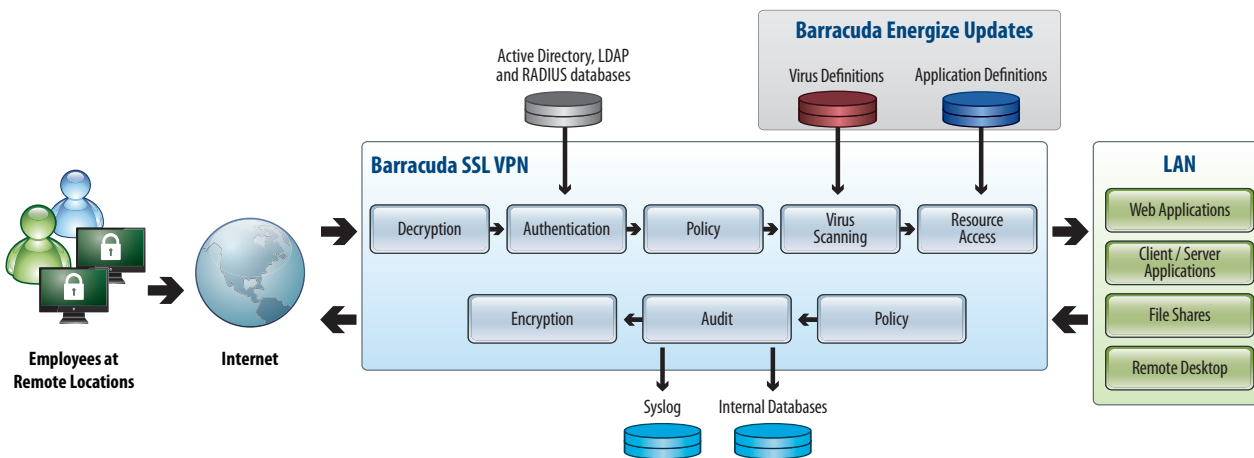
## Straightforward Control

The Barracuda SSL VPN Vx makes its inclusive management features quickly accessible to administrators through an intuitive web UI. The UI's dashboard gives administrators instant visibility into the activity of users, resources, sessions and other system information. The UI's resources tab presents powerful policy features for managing user access to applications as well as drives, file shares, web forwards and other resources. The UI also streamlines managing user accounts as well as performing audits and reporting. Adding further convenience, the Barracuda SSL VPN Vx lets administrators browse into other systems for remote network administration.



The Barracuda SSL VPN Vx monitors sessions, concurrent users, and throughput on an hourly and daily basis.

### Barracuda SSL VPN Architecture



BARRACUDA SSL VPN Vx

EDITION  
180 Vx  
380 Vx  
480 Vx  
680 Vx



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## Easy to Use

It only takes minutes to remotely download and install the Barracuda SSL VPN Vx into hosts around the world. With Barracuda Energize Updates automatically keeping firmware and antivirus profiles current in real time, the Barracuda SSL VPN Vx is essentially trouble free. For impressive end user convenience, the Barracuda SSL VPN Vx presents resources to users through a handy portal. It also offers users single sign on for easy resource access.

## Affordable

As this VM appliance is used largely during off hours, it pairs well with VMs used during business hours for efficient host-resource sharing. Available in editions that connect 15 to 500 concurrent users (these virtual appliances can be clustered for more users and high availability) the Barracuda SSL VPN Vx is affordable for organizations of all sizes. With no per-user fees, the Barracuda SSL VPN Vx delivers superior value.

## TECHNICAL SPECIFICATIONS

### Key Features

#### SECURITY FEATURES

- Supports Active Directory, LDAP, NIS and built-in user databases
- Policy-based rights management
- Multi-layered authentication schemes
- RADIUS, PIN and public key authentication
- One-time password authentication via email or SMS
- Supports SecurID, VASCO, Safeword and CryptoCard authentication tokens
- Supports Aladdin eToken, SafeNet iKey and other PKI USB devices
- Client access controls based on operating system and web browser version
- Automatic cache cleaning on logout
- Web application URL masking
- Virtual keyboard

#### VPN FEATURES

- Intranet web site forwarding
- Network file system browsing
- Web Application Single Sign-On
- Remote Desktop Single Sign-On
- Barracuda SSL VPN Agent: Java agent for clientless deployment
- L2TP/IPsec and PPTP Mobile Device support
- Barracuda Network Connector: Installable VPN client for IP connectivity
- Citrix XenApp (ICA), VNC, NX, Telnet, SSH and RDP applications
- Local Windows Explorer drive mapping
- Site-to-site connectivity
- Configurable SSL tunnels
- Multiple user logon realms

#### VIRUS SCANNING

- Virus, spyware and malware scanning
- Decompression of archives
- File type blocking

#### AUDITING & REPORTING CAPABILITIES

- Track file, web and network access
- Reports in PDF, CSV and text formats
- Granular controls for access and policy
- Health monitoring
- Network utilization and appliance load statistics

### Support Options

#### ENERGIZE UPDATES SUBSCRIPTION

- Standard technical support
- Hourly virus definition updates
- Application definitions
- Security updates
- Firmware updates

EDITION COMPARISON	BVS 180 Vx	BVS 380 Vx	BVS 480 Vx	BVS 680 Vx
Estimated Concurrent Users	15 <sup>1</sup>	50	100	500 <sup>2</sup>
Number of CPU Cores Allowed	1	2	3	4 or more <sup>2</sup>
SSL Tunneling	✓	✓	✓	✓
Barracuda Network Connector	✓	✓	✓	✓
Intranet Web Forwarding	✓	✓	✓	✓
Network File Access	✓	✓	✓	✓
Windows Explorer Mapped Drives	✓	✓	✓	✓
Remote Desktop single-sign-on	✓	✓	✓	✓
Antivirus	✓	✓	✓	✓
L2TP/IPsec, PPTP Mobile Device Support	✓	✓	✓	✓
Virtual Keyboard	✓	✓	✓	✓
Active Directory/LDAP Integration	✓	✓	✓	✓
Layered Authentication Schemes	✓	✓	✓	✓
Syslog Logging		✓	✓	✓
Remote Assistance		✓	✓	✓
Multiple User Realms		✓	✓	✓
Barracuda SSL Server Agent		✓	✓	✓

<sup>1</sup> Limited to providing remote access to 15 concurrent users.

<sup>2</sup> Licenses for additional cores can be purchased to add capacity for more users.