DrayTek

Vigor2952 Series
Dual-WAN Security Firewall

- Manage ultra fast high-speed Internet
- Business Continuity by Dual WAN Load-balancing/failover
- Advanced firewall for the network security
- 100 VPN tunnels for the secure remote access
- Support IPv6 network for the next generation Internet
- Working with TR-069 based VigorACS SI for the central management
- Smart Monitor Traffic Analyzer

DrayTek Vigor2952 series Dual WAN serves as a VPN gateway and a central firewall for multi-site offices and tele-workers. With its high data throughput of two-Gigabit Ethernet, Dual WAN, VPN trunking and 4 Gigabit Ethernet LAN ports, the device facilitates productivity of versatile business operations. To secure communications between sites is the establishment of VPN tunnels up to 100 simultaneous tunnels (including 50 SSL VPN tunnels).

High Availability

The High Availability (HA) feature refers to the awareness of component failure and the availability of backup resources. The high availability of the Vigor2952 Series is designed to avoid single points-of-failure. When failures occur, the failover process moves processing performed by the failed component (the "Master") to the backup component (the "Slave"). This process remains system-wide resources, recovers partial of failed transactions, and restores the system to normal within a matter of microseconds.

Working with TR-069 Central Management System

The Vigor2952 Series can be centrally managed by VigorACS SI to lower the workload of the IT Dept. The VigorACS SI centrally manages essential router features, such as LAN, WAN, WLAN or VoIP without the technician visits that improves user experience and contribute significant cost-saving. For instance, admin can schedule firmware or configuration updates for selected devices at one time. It also offers the real-time alert to notify admin when things go wrong, such as disconnected or VPN dropped via e-mail and SMS to guarantee the faster response.

Enterprise-level VPN Network

With a dedicated VPN co-processor, the hardware encryption of AES/DES/3DES and hardware key hash of SHA-1/MD5 are seamlessly handled, thus maintaining maximum router performance. For remote tele-workers and inter-office links, the Vigor2952 supports up to 100 simultaneous VPN tunnels (such as IPSec/PPTP/L2TP protocols).
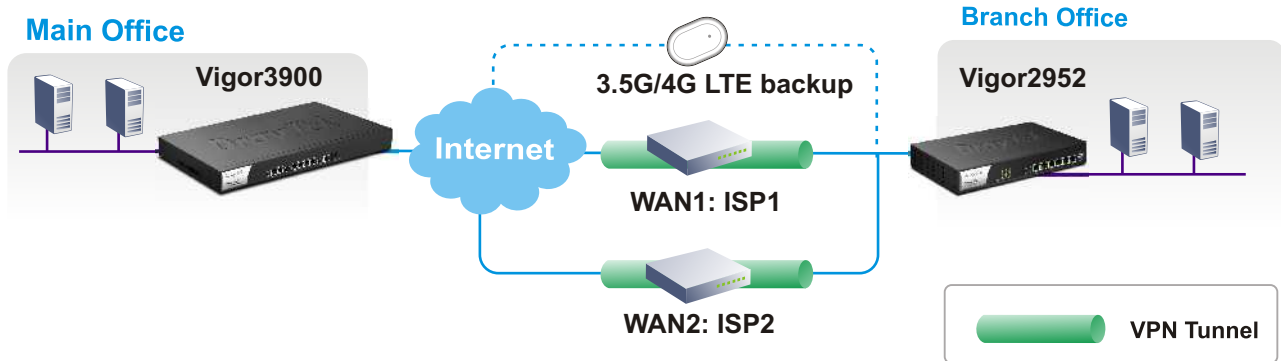
Security without Compromise

The Vigor2952 series also provides high-security firewall options with both IP-layer and content based protection. The DoS/DDoS prevention and URL/Web content filter strengthen the security outside and inside the network. The enterprise-level CSM (Content Security Management) enables users to control and manage IM (Instant Messenger) and P2P (Peer to Peer) applications more efficiently. The CSM hence prevents inappropriate content from distracting employees and impeding productivity. Furthermore, the CSM can keep office networks threat-free and available. With CSM, you can protect confidential and essential data from modification or theft.

More benefits

There are two USB ports on Vigor2952. In addition to the function of USB printer server, you can connect a compatible 3.5G/4G USB mobile for access to the cellular network. You can also add storage memory to the USB port of Vigor2952 in the form of a USB memory key or a USB hard drive.

Business Continuity

Main Office

Branch Office

Vigor3900

3.5G/4G LTE backup

Vigor2952

Internet

WAN1: ISP1

WAN2: ISP2

VPN Tunnel

Connectivity

Ethernet WAN
- IPv4 - DHCP Client, Static IP, PPPoE, PPTP, L2TP, 802.1q Multi-VLAN Tagging
- IPv6 - Tunnel Mode: TSPC, AICCU, 6rd, Static 6in4
  Dual Stack: PPP, DHCPv6 Client, Static IPv6
- WAN Connection Fail-over
- WAN Budgets
- Load Balance/Route Policy

Ethernet LAN
- IPv4/IPv6 DHCP Server
- Static Routing/RIP
- Multiple Subnet
- Port/Tag-based VLAN

USB
- 3.5G/4G LTE(PPP, DHCP) as WAN3/WAN4
- Printer Server/File Sharing

WLAN (n model)
- 802.11n with 2.4GHz
- Multiple SSID
- Encryption (64/128-bit WEP,WPA/WPA2,802.1x)
- Hidden SSID
- Wireless Rate Control by SSID
- Wireless VLAN
- Wireless LAN Isolation
- MAC Address Access Control
- Access Point Discovery
- Wireless Client List
- WDS (Wireless Distribution System)
- WMM (Wi-Fi Multimedia)

Management

System Maintenance
- HTTP/HTTPS with 2-level Management (Admin/User)
- Logging via Syslog
- SNMP Management MIB-II (v2/v3)
- CLI (Command Line Interface, Telnet/SSH)
- Administration Access Control
- Web-based Diagnostic Functionality
- Firmware Upgrade via TFTP/FTP/HTTP/TR-069
- CWMP Support (TR-069/TR-104)
- LAN Port Monitoring

Network Management
- Bandwidth Management by session/bandwidth
- User Management by Time/Data Quota
- LAND DNS and DNS Proxy/Cache
- Dynamic DNS
- IGMP Snooping/Proxy v2 and v3
- QoS (DSCP/Class-based/4-level priority)
- Guarantee Bandwidth for VoIP
- Support Smart Monitor (Up to 100 nodes)
- Central AP Management
- Central VPN Management
- Switch Management

Security
- Multi-NAT, DMZ Host, Port-redirection and Open Port
- Object-based Firewall, Object IPv6, Group IPv6
- MAC Address Filter
- SPI (Stateful Packet Inspection) (Flow Track)
- DoS/DDoS Prevention
- IP Address Anti-spoofing
- E-mail Alert and Logging via Syslog
- Bind IP to MAC Address
- Time Schedule Control
- Content Security (IM/P2P, URL, Keywords, Cookies,...)

VPN
- Up to 100 VPN Tunnels
- Protocol : PPTP, IPsec, L2TP, L2TP over IPsec
- Encryption : MPPE and Hardware-based AES/DES/3DES
- Authentication : MD5, SHA-1
- IKE Authentication : Pre-shared Key and Digital Signature (X.509)
- LAN-to-LAN, Teleworker-to-LAN
- DHCP over IPsec
- IPsec NAT-traversal (NAT-T)
- Dead Peer Detection (DPD)
- VPN Pass-through
- VPN Wizard
- mOTP
- Supports 50 SSL VPN Tunnels
- VPN Trunk: VPN Backup and Load Balance

Hardware Interface
- 1 x Combo WAN, 10/100/1000Base-Tx, RJ-45 or SFP (WAN1)(Fiber Port is High Priority)
- 1 x 10/100/1000Base-Tx, RJ-45 (WAN2)
- 4 x 10/100/1000Base-Tx LAN, RJ-45 (P1 is Configurable as DMZ Port)
- 2 x USB Host (USB1 is 2.0 and USB2 is 3.0)
- 2 x Detachable Antennas (n Model)
- 1 x Wireless On/ Off/ WPS Button (n Model)
- 1 x Factory Reset Button

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