BR-6641

Inbound / Outbound
4WAN+1LAN Load Balancing Router

Auto Load Balancing (Inbound/Outbound)

With real-time load sharing and load balancing, BR-6641 intelligent routing engine directs each session or connection to the best available link. It also supports policy-based routing, persistent routing, and traffic scheduling to effectively translate your business policy into your network policy. It enables MIS staffs to schedule and arrange each user's connections and usage inline with company policy

Trunk multi WAN links

BR-6641 can aggregate multiple connections and increases bandwidth by trunking various types of connection (Leased-line, xDSL, and Cable Modem) to form a single virtual WAN trunk.

WAN Outbound Fault Tolerance

BR-6641 Provides 4 WAN ports for internet connection . The function provides you not only increase bandwidth but also backup internet connection each other. Whenever a link fails or is unstable, traffic is automatically re-routed to other healthy and available links to ensure uninterrupted connectivity. After the faulty link resumes functioning, on-line traffic is redistributed across all available connections to optimize the network performance.

Multi-Homing (Inbound Fault Tolerance)

Multi-homing provides a safeguard against failures in WAN links. Requests to the internal servers (e.g. WWW server) will be dispatched evenly on every live WAN link. If one of them fails, the internal servers can still be reached via other live links. .

Bandwidth Management

BR-6641 provides QoS towards both inbound and outbound traffic. You can set up to manage the traffic limit for a given TCP/UDP service (e.g. HTTP, FTP). This feature helps you allocate available bandwidth for each type of service and maximize the efficiency of your network

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Static Routing Subnet

If there is static routing subnet in LAN, you need to use Static Routing Subnet to full fill the configuration. Static Routing Subnet means that a router routes out a subnet from LAN, which is not connected to the BR-6641 directly.

SPI firewall with DMZ

BR-6641 provides users definable firewall access policies which are based on source, destination, type of service, and IP address. They can be implemented in conjunction with a traffic scheduling policy.

WAN Link Health Detection

BR-6641 allows IT manager to configure how WAN link health detection is performed. By fine-tuning certain parameters, IT manager can adjust BR-6641 to match a particular network structure and / or a particular ISP .

Management

- Supports Administrator and Monitor Web-based management
- Supports SNMP and MRTG
- Supports MAC / IP Access Control
- Supports Syslog and Configuration Backup / Restore.
- Firmware Upgradeable

Feature

- WAN Type: Static IP , PPPoE , PPTP and DHCP.
- Supports NAT and Static routing table
- Multi-Homing:
    - ∗ Fault tolerance (fail over / fail back)
    - ∗ Multiple domains
    - ∗ Multiple DNS per Domain
    - ∗ CNAME Record

- Outbound Load balance:
    - ∗ By traffic weight
    - ∗ By source/destination IP
    - ∗ By Service port
    - ∗ By weighted Round-Robin

- Policy based QoS
  - ∗ By Priority
  - ∗ By Source / Destination IP address
  - ∗ By Schedule
  - ∗ By Application
  - ∗ By Service
  - ∗ Min / Max data rate management

- Supports Public IP pass-through.
- Supports VPN pass-through (IPSec and PPTP).
- Supports H.323 pass-through (For VOIP)
- Supports Virtual Server and DMZ function
- Supports RIP v1/v2
- Supports DHCP Client / Server
- Supports SPI Firewall and DoS attack protection
- Supports UPnP

Specification:

Model NO.	BR-6641
WAN Interface	4 X RJ-45 UTP Ports
LAN Interface	1 X RJ-45 UTP Port
Console Interface	RS-232
LED	Power , Link / Activity
Power	Switching Power 12V , 1.5A
Dimension	229 x 149 x 42 mm
Weight	1200g
Operating Temperature	0 ~ 48 ℃
Certifications	CE , FCC

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