MARO (Managed Access Redundancy Option)



Just The Facts

Flexibility

- Dozens of standard configuration choices to best fit networking needs.
- Backbone Node Redundancy, Access Router Redundancy, and Automatic Load Balancing options for geographic or hardware protection.
- Single or Dual Site options depending on the need for site mirroring.
- Single or Dual Managed Router options for possible hot standby CPE, or a Customer Provided Router option for greater equipment flexibility.
- Traffic Flow options to match application requirements.

Performance

- Provides extra layer of protection to insure service availability.
- Automatic failover uses fast rerouting mechanisms within seconds to maintain traffic flow.
- Optional outbound load balancing maximizes use of redundant access.
- Solution implemented with multiple open and proprietary technologies including BGP4, iBGP, eBGP, HSRP, and MHSRP.
- Professional technical sales support to design the best possible solution reduces the customer's need for extensive in house IT coordination, implementation, management, and support.

Reliability

- World's most experienced network services provider for over 120 years.
- 24×7 Proactive Network Management, Monitoring, Maintenance, and Customer Service.
- IP backbone designed with Layer 3 multiple 'rings' to provide high reliability and re-routing paths, with no single point of failure in the core architecture.
- Our network consistently meets and exceeds targets of:
 - > 99.95% reliability
 - < 0.05% roundtrip packet loss
 - < 37 ms average round-trip latency

Reliability and performance continually displayed on our Public Network Health Web Site: www.att.com/ipnetwork ACC Business Managed Access Redundancy Option (MARO) is available for ACC Business customer sites with MIS (Managed Internet Service) and PNT (Private Network Transport), providing a complete fault tolerant access solution—protecting the backbone, network access routers, and customer premises equipment.

MARO combines numerous configuration options with repetitive hardware elements and fast traffic rerouting to provide a solution with flexibility, performance, and reliability. With world-class technical services and support, customers can easily implement highly reliable IP connectivity for sensitive applications.

Standard pricing is applied to each MIS or PNT connection. BNR configurations incur an additional charge at the second location with a monthly list price of \$500 per T1 and \$5,000 per T3, because of the backhaul to a further backbone node. Other MARO charges may apply, depending on the specific configuration implemented.

We do all of this by delivering our services on the AT&T Global Network, one of the largest, most sophisticated communications networks in the world and backed by the research and development capabilities of AT&T Labs. Combined with dedicated customer service that ACC Business is known for, you get the simply best value for your investment.

Contact Us Today

Join the thousands of companies already taking advantage of ACC Business Services, call your ACC Business Agent or call us today at

877-419-9669.

Visit our website at http://www.accbusiness.com where you can learn about our other great services

