

Border Gateway Protocol (BGP)

- The only EGP in widespread use today
- Considered the Internet's core routing protocol
 - Supports IPv4 and IPv6
 - Highly Scalable
- Often called a path-vector (hybrid) routing protocol
 - Each ISP is assigned a unique Autonomous System (AS) number
 - Uses the number of AS hops rather than individual router hops as its metric
- Utilizes the BGP Best Path Selection algorithm to identify the best route
- Routing protocol from AS to AS
 - When you connect to the Internet, you're moving from one AS to another