1.

BGP (Border Gateway Protocol) is an Exterior Gateway Protocol (EGP) used in computer networks. It is specifically designed for inter-domain routing, enabling communication between different autonomous systems (ASes) on the internet. BGP is responsible for exchanging routing information and determining the best paths for data packets to traverse across multiple autonomous systems, ensuring efficient and reliable inter-domain communication.

2.

An AS Number (Autonomous System Number) is a unique identifier assigned to an Autonomous System (AS) on the internet. An AS is a collection of IP networks operated by a single administrative entity. AS Numbers are essential in BGP (Border Gateway Protocol) as they help identify the source and destination of routing information during inter-domain routing, enabling BGP routers to exchange routing updates and facilitate communication between different autonomous systems.

3.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Organization[[1]](#footnote-1)** | **AS Number** | **Country** | **Registrar Organization (RIR)** | **Allocated Public IP Addresses** |
| Facebook | 32934 | Ireland | Facebook Inc. | [31.13.24.0/21](https://www.whatismyip.com/asn/32934/31.13.24.0/21/)  [31.13.64.0/18](https://www.whatismyip.com/asn/32934/31.13.64.0/18/)  [185.89.218.0/23](https://www.whatismyip.com/asn/32934/185.89.218.0/23/)  [185.60.216.0/22](https://www.whatismyip.com/asn/32934/185.60.216.0/22/)  [163.70.128.0/17](https://www.whatismyip.com/asn/32934/163.70.128.0/17/) |
| Instagram | 32934 | Indonesia | Facebook Inc. | 157.240.208.0/24 |
| WhatsApp | 11917 | USA | WhatsApp | [66.111.48.0/22](https://www.whatismyip.com/asn/11917/66.111.48.0/22/) |
| Grameenphone | 24389 | Bangladesh | Grameenphone Ltd. | [37.111.192.0/18](https://www.whatismyip.com/asn/24389/37.111.192.0/18/)  [119.30.32.0/20](https://www.whatismyip.com/asn/24389/119.30.32.0/20/)  [123.108.240.0/21](https://www.whatismyip.com/asn/24389/123.108.240.0/21/)  [202.56.4.0/22](https://www.whatismyip.com/asn/24389/202.56.4.0/22/) |
| East-west University | 138578 | Bangladesh | EWU | 103.133.164.0/22  103.133.164.0/24  103.133.165.0/24  103.133.166.0/24  103.133.167.0/24 |
| Net Plus Online | [138024](https://www.whatismyip.com/asn/138024/) | Bangladesh | Netplus Online | [103.79.219.0/24](https://www.whatismyip.com/asn/138024/103.79.219.0/24/)  [103.120.36.0/22](https://www.whatismyip.com/asn/138024/103.120.36.0/22/)  [103.195.0.0/22](https://www.whatismyip.com/asn/138024/103.195.0.0/22/)  [139.5.132.0/22](https://www.whatismyip.com/asn/138024/139.5.132.0/22/)  [203.190.0.0/22](https://www.whatismyip.com/asn/138024/203.190.0.0/22/) |

4.

An ASN (Autonomous System Number) provides information about an organization's presence on the internet. It includes details like organization name, address, contact info, routing policy, prefixes, peering policy, and connectivity with other networks. ASN lookup helps understand an organization's internet infrastructure and routing behavior.

5.

RIR stands for Regional Internet Registry. RIRs are organizations responsible for allocating and managing IP address space and Autonomous System Numbers (ASNs) within specific regions of the world. The five RIRs are:

* ARIN - American Registry for Internet Numbers (serving North America and parts of the Caribbean)
* RIPE NCC - Réseaux IP Européens Network Coordination Centre (serving Europe, the Middle East, and Central Asia)
* APNIC - Asia-Pacific Network Information Centre (serving Asia and the Pacific region)
* LACNIC - Latin American and Caribbean Network Information Centre (serving Latin America and the Caribbean)
* AFRINIC - African Network Information Centre (serving Africa)

1. [↑](#footnote-ref-1)