



Geolocation Database

Avi Technical Reference (v20.1)

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Geolocation Database

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1.	 United States	32.77%
2.	 India	18.68%
3.	 France	17.15%
4.	 Nigeria	15.79%
5.	 Singapore	15.62%

Database

Avi Vantage includes a geolocation database for identifying the origin of clients. This is a fixed database based on the [MaxMind](#) IP-Country and IP-ASN data. The database is maintained on the Controllers, and incorporates database updates when the Controllers are upgraded.

Usage

The geolocation data is used in many locations, including:

Client IP	URL	ASN	Blocked	View Full List
AS Name		AS Number		Rate (/sec) ▾
CloudFlare, Inc.		13335		10.2
The Endurance International Group, In...		29873		5.1
LeaseWeb B.V.		60781		5.1
Codero		10316		5.1

- Client logs
- Policies, such as white lists or black lists
- Client insights
- Security page DDoS attacks
- Tier 2 objects, such as cache, compression, or logging eligibility

Overriding the Database

New IP Group

IP Group Name
North America

Select by IP Address Select by Country Code

Country Codes

United States (US) ✕ Mexico (MX) ✕ Canada (CA) ✕ ▾

Search

- Afghanistan (AF)
- Aland Islands (AX)
- Albania (AL)

The geolocation data may be overwritten or augmented by creating a custom IP group.

For example, create a new IP group called "Internal" and add 10.0.0.0/8 and 192.168.0.0/16. Alternately, create a new IP group with Select by Country Code. In the example, the group is named North America and includes US, MX, and CA.

Note: A custom IP group will override only the geolocation database for the tenant in which the IP group was created.