

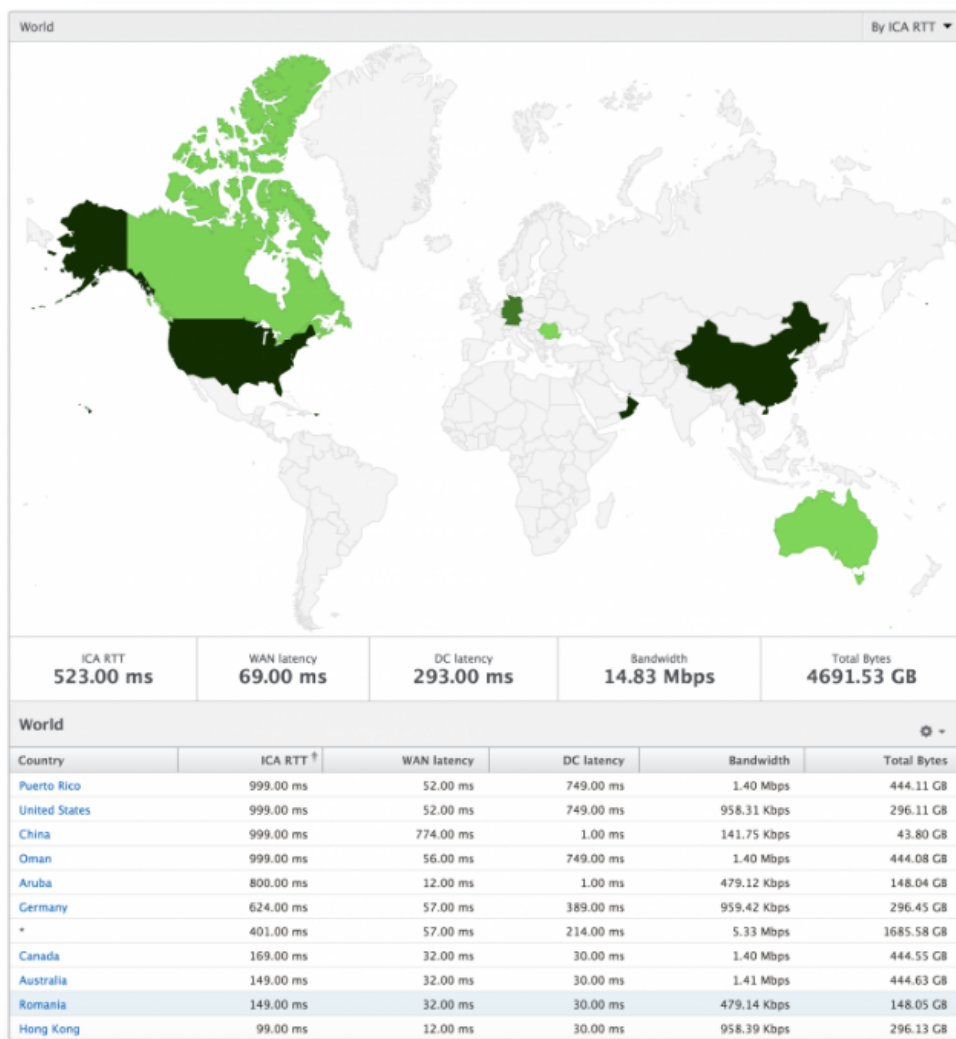
How do I enable Geo Map support for HDX Insight on NetScaler MAS?

Background

The Geo map view in HDX insight allows the administrators to view the historical and active users details from a geographical point of view. The administrators can have a World view of the system, drill-down to a particular country and further into cities as well by simply clicking on the region. The administrators can further drill-down to view information by city and state. From NetScaler MAS version 12.0 and later, you can drill-down to users connected from a Geo location.

The following details can be viewed on the World Map in HDX insight, and the density of each metrics is displayed in the form of a heat map:

- ICA RTT
- WAN Latency
- DC Latency
- Bandwidth
- Total Bytes



Use case

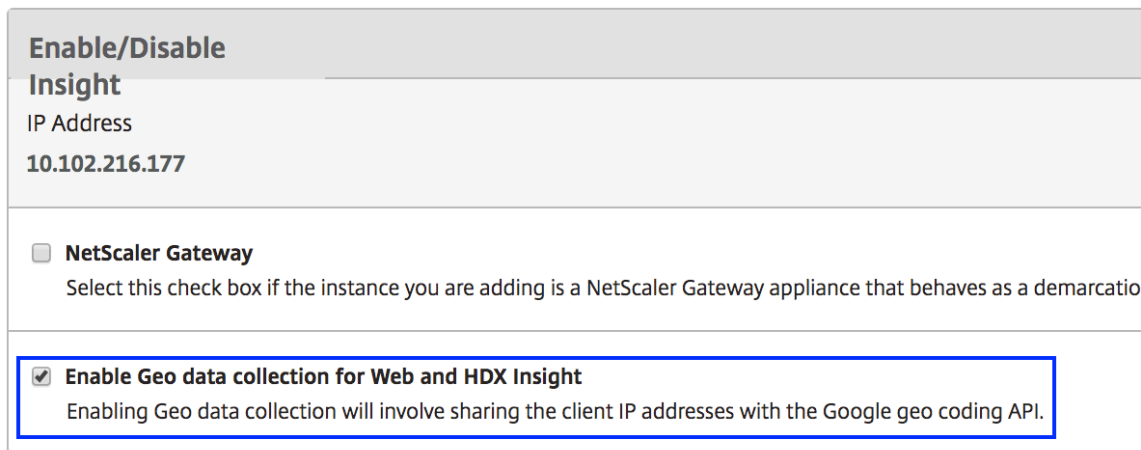
The admin wants to enable the Geo Map support for HDX Insight on NetScaler MAS.

Steps to achieve this

1. To begin with, we need to enable *Geo data collection for Web and HDX Insight* Checkbox while configuring Insight for the vserver. Enabling Geo data collection will involve sharing the client IP addresses with the Google geo coding API.

Navigation: Netscaler MAS Menu > Instances > Select the NetScaler Instance > Enable/Disable Insight

← | Configure Insight



Enable/Disable Insight

IP Address
10.102.216.177

NetScaler Gateway
Select this check box if the instance you are adding is a NetScaler Gateway appliance that behaves as a demarcatio

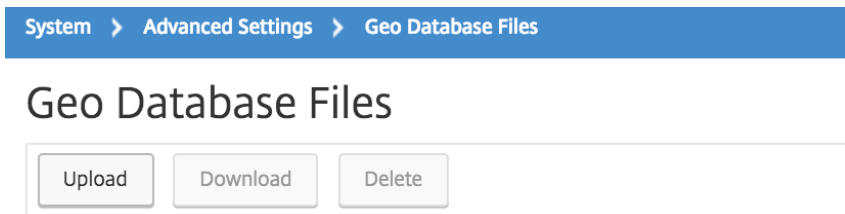
Enable Geo data collection for Web and HDX Insight
Enabling Geo data collection will involve sharing the client IP addresses with the Google geo coding API.

2. There are two ways a user can access the XenApp/XenDesktop resources. First is from a Public IP addresses and the other is via a Private IP (from the company intranet). NetScaler MAS provides a provision to accommodate for both these ways. Let us look at them one by one.
 - i. Setting up maps for users accessing resources via a Public IP
 - a. Download the Geo Database file (GeoLite City, binary / gzip) from <https://dev.maxmind.com/geoip/legacy/geolite/> as shown below

Downloads

	Download links	
Database	Binary / gzip	Binary / xz
GeoLite Country	Download	Gzip only
GeoLite Country IPv6	Download	Gzip only
GeoLite City	Download	Download
GeoLite City IPv6 (Beta)	Download	Gzip only
GeoLite ASN	Download	Gzip only
GeoLite ASN IPv6	Download	Gzip only

- b. Login to NetScaler MAS and follow this navigation: *Menu < Advanced Settings < Geo Database Files* and upload the file downloaded in the above step



- ii. Setting up maps for users accessing resources via a Private IP (from within the company intranet)

- a. Login to NetScaler MAS and follow this navigation: *Menu < Networks < Sites < Private IP Blocks* and click on the Add button



- b. Enter all of the information request to create a Private IP Block.
- City Latitude* field: Direction (north or south) and angular distance of the city from the Equator. Use + for North Latitude and - for South Latitude
 - City Longitude* field: Direction (east or west) and angular distance of the city from the Greenwich meridian. Use + for East Longitude and Use - for West Longitude

← Create Private IP Blocks

Name*

Start IP Address*

End IP Address*

Country*

Region*

City Name*

City Latitude*

City Longitude*

Your Geo Map is now setup.