

3.2.1 ▾

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geonode-training / [GN1](#) / **QUICK_INSTALL.md**



afabiani Update QUICK_INSTALL.md

[History](#)

1 contributor

78 lines (55 sloc) | 5.02 KB

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Quick installation guide

The purpose of this section is to provide you with basic informations on the structure and contents of the training Virtual Machine.

In order to simplify the installation procedure, a self-contained package comprising the various executables as well as the data used throughout the training are provided to download or can be viewed online at this link:

- [GeoNode 3.2.1.ova](#)

The package is an Oracle VirtualBox ova image which must be loaded into a running Virtual Box instance.

WARNING: The package is about 8.56 GB big, therefore consider downloading it and setting up VirtualBox, as explained below, **before** the training sessions start.

Installing Oracle VirtualBox



VirtualBox

Minimum Hardware Requirements

- At least 8GB of RAM
- At least 4 CPUs
- At least 30GB of free space on the HD
- A stable and fast Internet connection

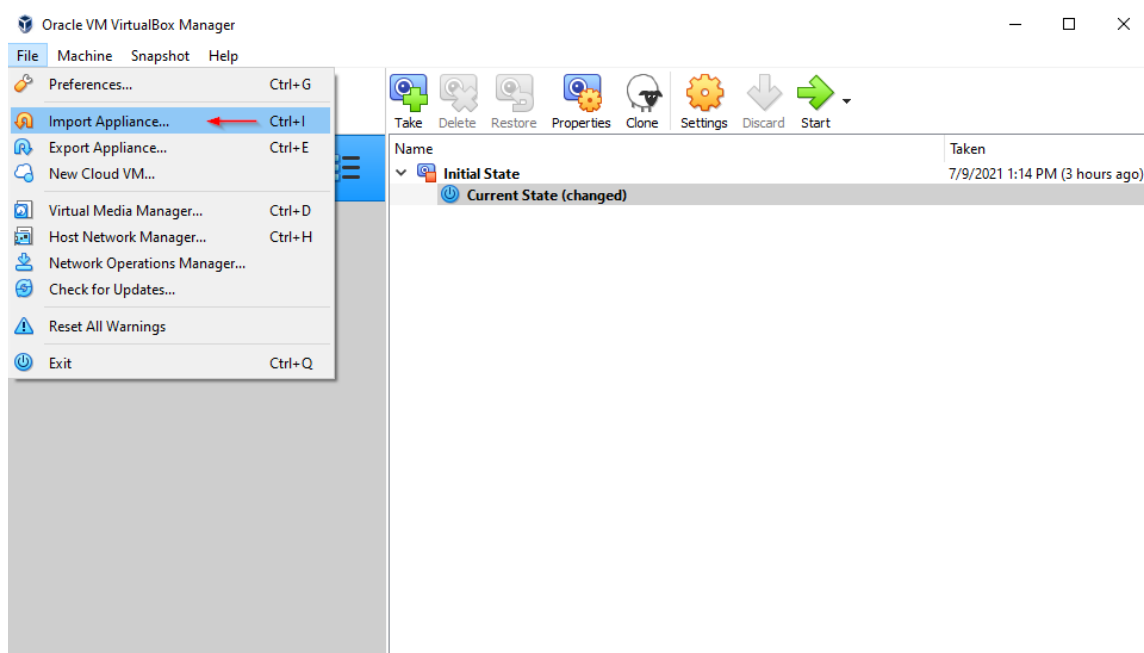
How to install the Virtual Machine

Install Oracle VirtualBox Software

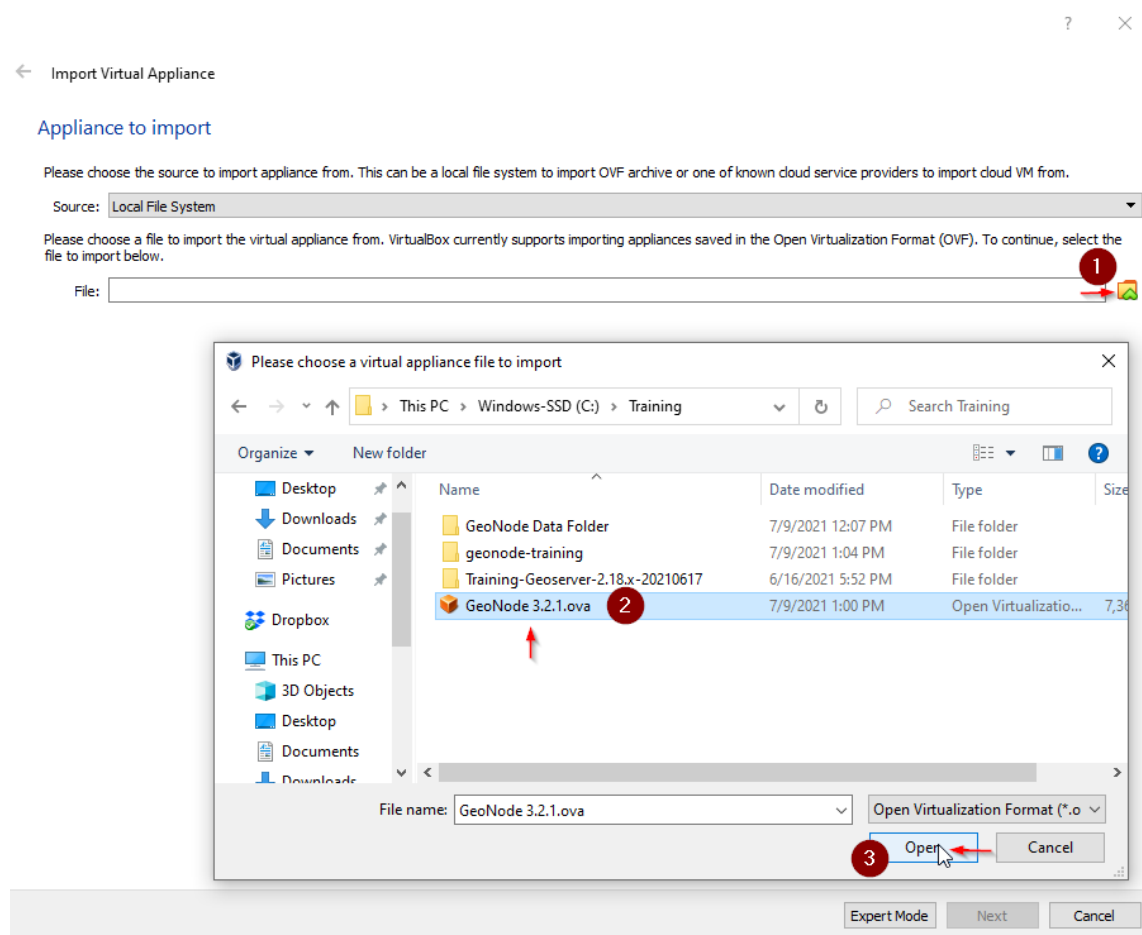
- Download the executable accordingly to your current operative system
 - Windows 10: [VirtualBox-6.1.22-144080-Win.exe](#)
 - Linux: [virtualbox-6.1_6.1.22-1440...buntu_eoan_amd64.deb](#)
 - MAC OSX: [Mac OS X build instructions](#)

Deploy the GeoNode VM OVA

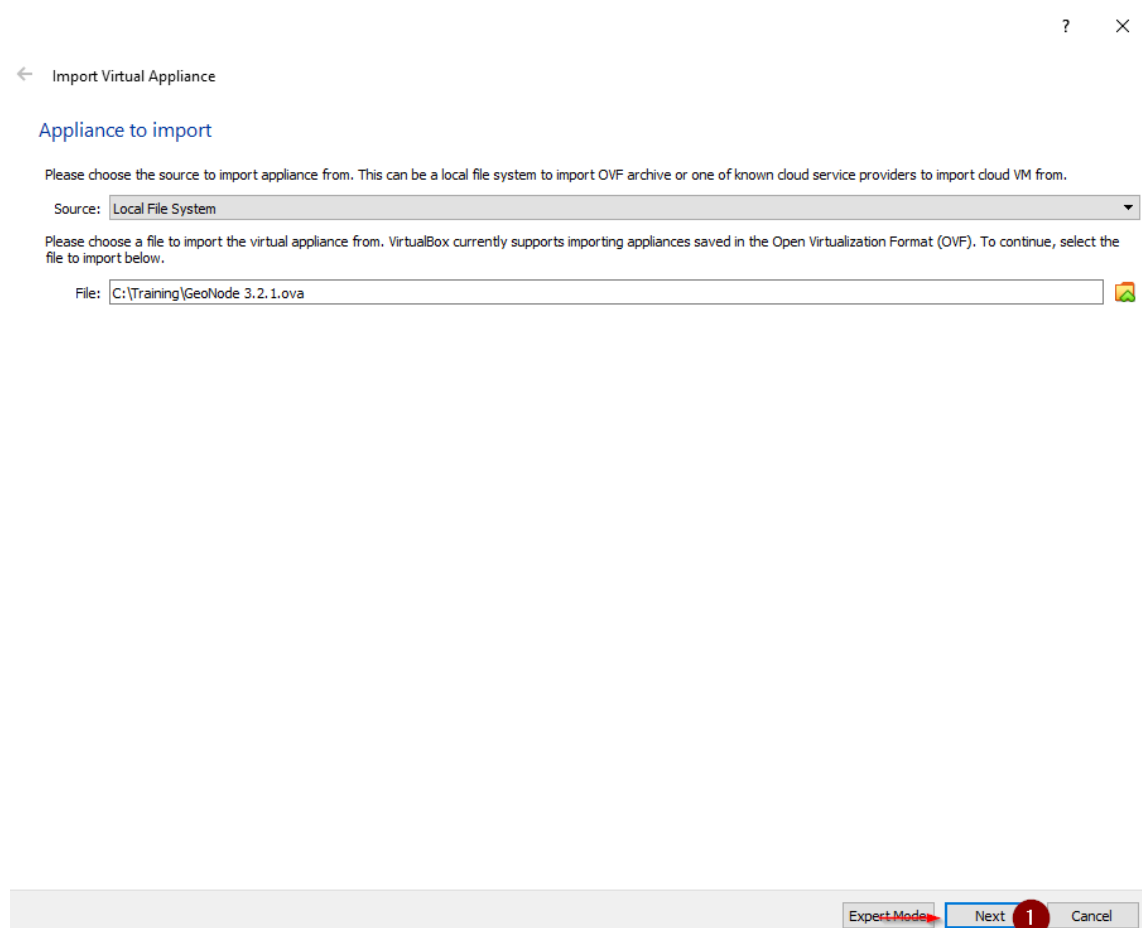
- Run the Oracle VirtualBox and select Import Appliance from the File menu



Select the downloaded file as shown in the figure below



- Click the Next button



- Leave all the defaults option, except for the destination folder; you will need to select a location with at least 30GB memory free

? X

← Import Virtual Appliance

Appliance settings

These are the virtual machines contained in the appliance and the suggested settings of the imported VirtualBox machines. You can change many of the properties shown by double-clicking on the items and disable others using the check boxes below.

Virtual System 1	
Name	GeoNode 3.2.1 1
Guest OS Type	Ubuntu (64-bit)
CPU	2
RAM	4096 MB
DVD	<input checked="" type="checkbox"/>
USB Controller	<input checked="" type="checkbox"/>
Network Adapter	<input checked="" type="checkbox"/> Intel PRO/1000 MT Desktop (82540EM)
Storage Controller (IDE)	PIIX4
Storage Controller (IDE)	PIIX4
Storage Controller (SATA)	AHCI
Virtual Disk Image	GeoNode 3.2.1-disk001.vmdk
Base Folder	C:\Users\alees\VirtualBox VMs
Primary Group	/

Machine Base Folder: C:\Users\alees\VirtualBox VMs 1

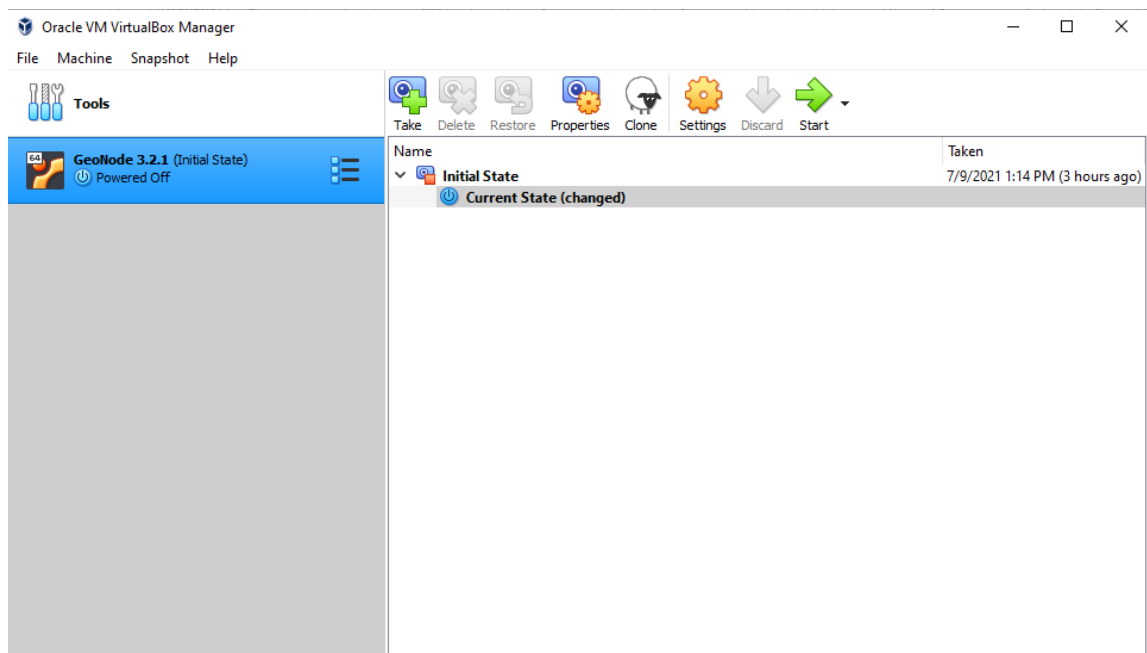
MAC Address Policy: Include only NAT network adapter MAC addresses

Additional Options: ☒ Import hard drives as VDI

Appliance is not signed

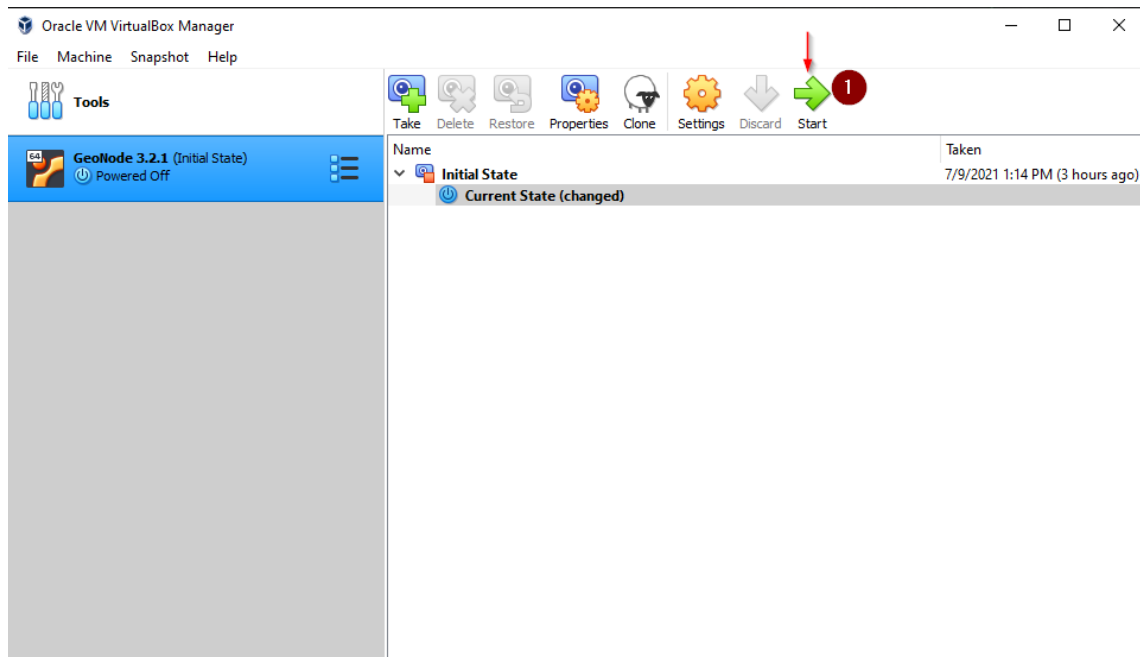
Restore Defaults
Import 2
Cancel

- Click the `Import` button and wait for the progress bar to be finished; it will require up to 20 minutes depending on your system
- If everything goes well, you should be able to see the new `Appliance` available from the Oracle VirtualBox panel

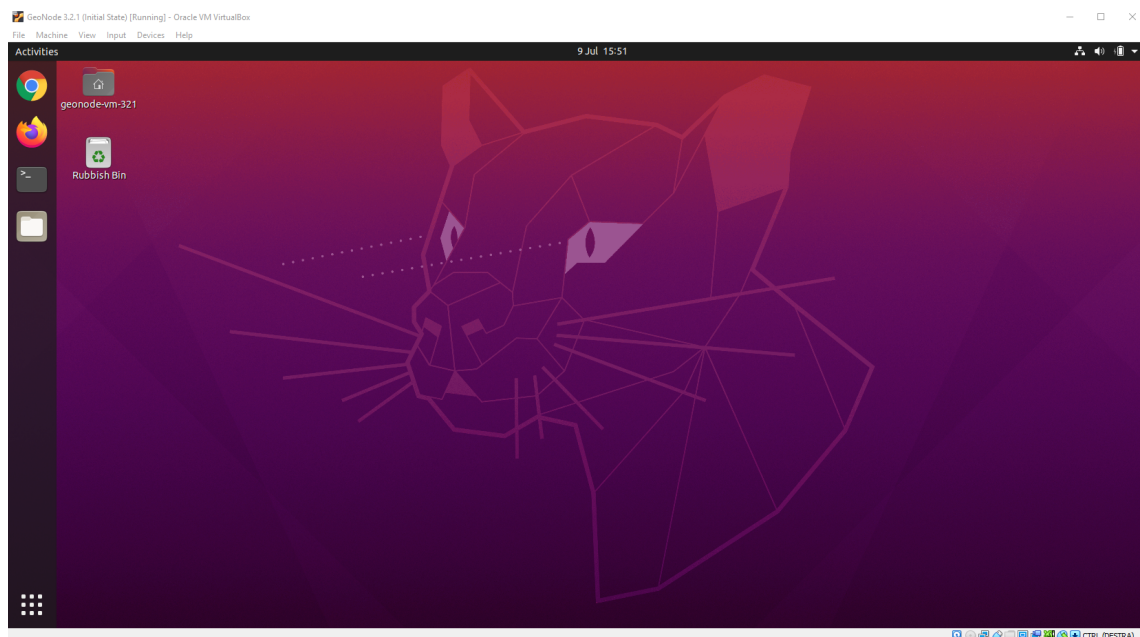


Start and test the GeoNode Virtual Machine

- Select the GeoNode 3.2.1 image and click on the `start` button

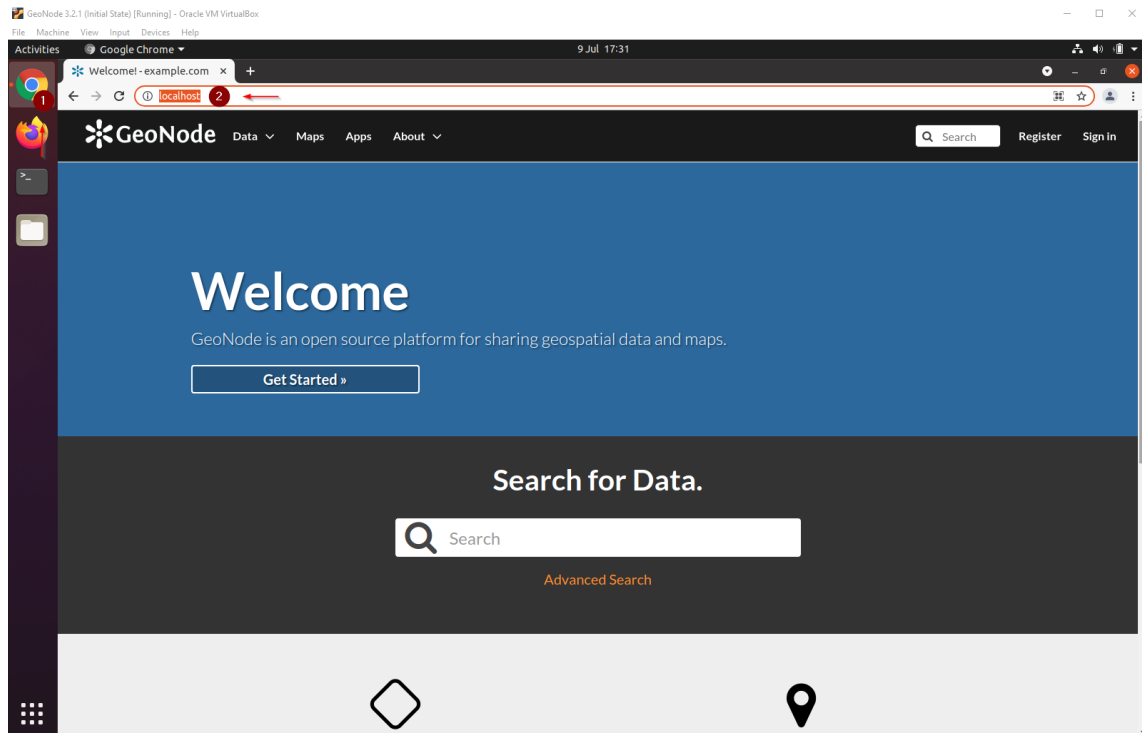


- Wait for the system to startup, you should be able to see the `ubuntu` desktop



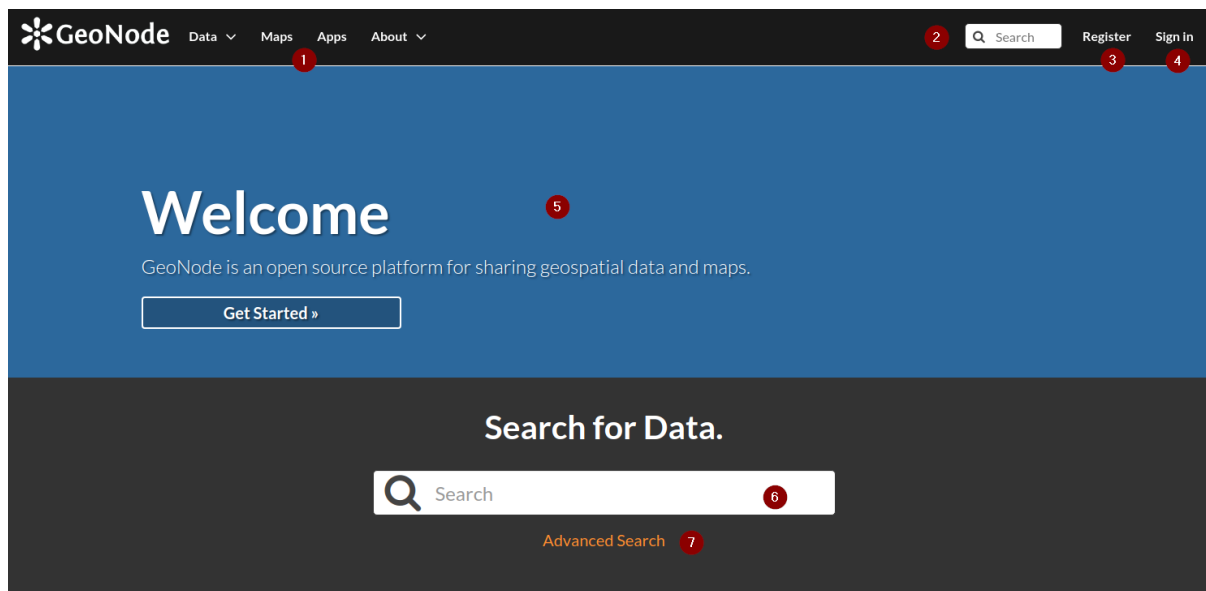
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Open the chrome WEB browser, enter the password geonode if it asks for, and go to the location: `http://localhost/`



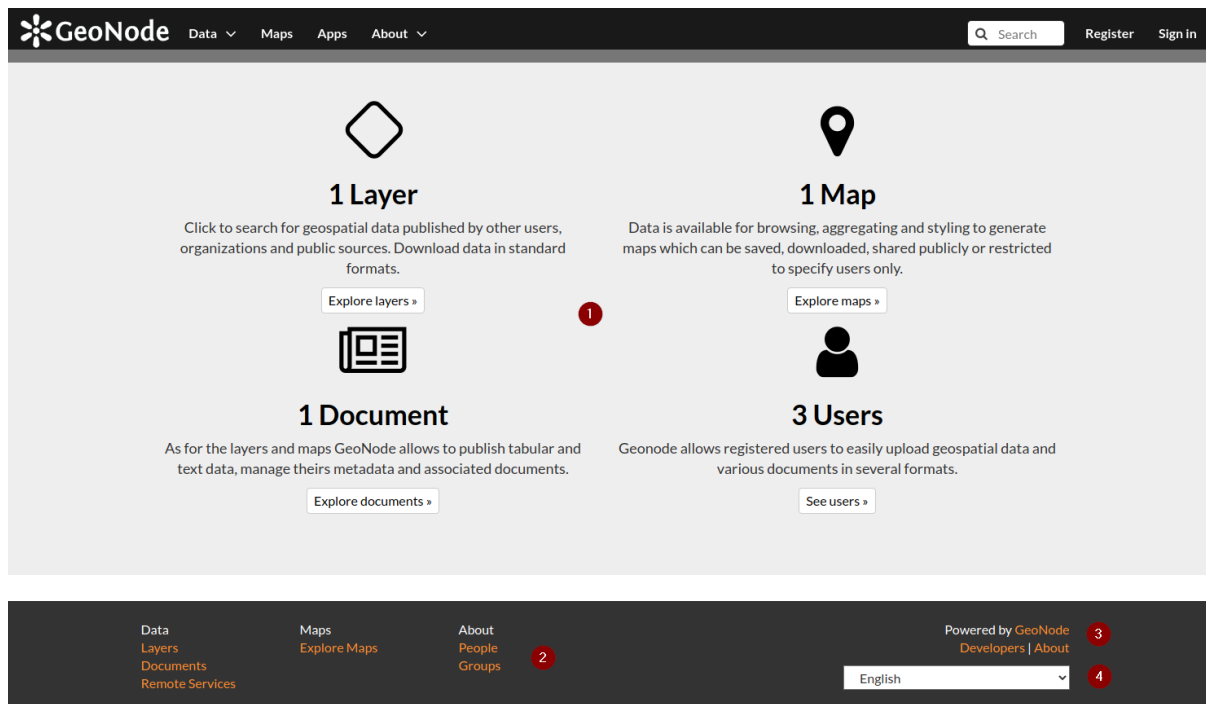
The GeoNode Default Home Page

When accessing GeoNode you will be redirected automatically to the default home page; other than the GeoNode logo, you can notice different sections from this landing page



1. A navigation bar presents a set of quick-access menu links
2. There's a small search box allowing you to perform quick content searches
3. A registration link allows you to create a new GeoNode registered member
4. A sign-in link allows you to login by using an existing GeoNode registered member

5. A welcome text along with the main site title is presented to the user; this section can be customized eventually
6. A big search box allows you to perform quick searches on the GeoNode contents
7. An advanced search link allows you to redirect to a specific page for more refined searches



1. This section summarizes the contents available on GeoNode and provides some shortcuts to the different data types
2. A footer provides some shortcuts to the GeoNode main sections
3. Copyrights and statements provides information on the portal maintainers; those links can be customized
4. A language dropbox allows to select the portal language translation among the available ones; this list can be reduced

NOTE: Since this is an Open Source project, the translations have been provided through the community contributions; those might be incomplete and wrong!

Next Section: GeoNode Training Virtual Machine Structure