

Section: GeoNode

Answers to section modules.

Module Name **GeoNode Overview**

Question: What is GeoNode

[Answer:](#) *A spatial data management system and publishing platform*

Question: What functionality does GeoNode provide

[Answer:](#) *Answer a. and Answer b.*

Module Name **User Accounts**

Question: Which of the following statements regarding GeoNode user accounts is the most correct

[Answer:](#) *Both are true, but are optional settings controlled by system administrators*

Question: Which of the following statements about GeoNode user accounts is false

[Answer:](#) *Registered user accounts allow users to delete any content on GeoNode*

Module Name **Uploading Layers**

Question: Can a user who is not logged into GeoNode upload their layers

[Answer:](#) *No, your user account needs to be granted the relevant permissions to be able to upload data by a GeoNode administrator*

Question: Can I upload a zipped file containing raster data into GeoNode

[Answer:](#) *No, this functionality is specific to vector data*

Question: Can I upload a proprietary raster format in GeoNode

[Answer:](#) *Yes, if you can view it in QGIS then it is possible*

Module Name **Creating Layers**

Question: Is it possible to configure GeoNode to use satellite imagery as a basemap

[Answer:](#) *Yes, an administrator can easily do this*

Question: Can you setup snapping in GeoNode like you would in QGIS or ArcGIS

[Answer:](#) *No*

Question: Which of the following statements regarding layer creation is false

[Answer:](#) *There is a limit to the number of attribute fields that can be applied to a layer*

Module Name **Managing Resources**

Question: -

Module Name **Layer Metadata**

Question: Which statement is false regarding metadata standards

[Answer:](#) *It helps users to understand the data characteristics*

Question: Metadata generated from other platforms, such as the QGIS MetaTools plugin, can be ingested in GeoNode despite being produced with different toolsets. Why is that?

[Answer:](#) *They all produce metadata that adhere to some common standard*

Module Name **Layer Symbology**

Question: Can you also symbolize raster data using SLD

[Answer:](#) *Yes, SLD can be used for multiple spatial data types*

Question: Is it possible to symbolize point layers with complex icons using SLD, such as Hospitals

[Answer:](#) *Yes, you can generate quite complex symbology with SLD*

Question: Which of the following statements is false

[Answer:](#) *Raster data cannot be symbolized in the GeoNode GUI like vector layers*

Module Name **Layer Attributes**

Question: Is it possible to edit the attributes of raster data

[Answer:](#) *No, GeoNode does not expose the attributes of raster layers*

Question: Is it possible to replace a vector layer with a raster layer

[Answer:](#) *No, their data models are completely different*

Question: Is it possible to also edit the geometry of an existing feature whilst in edit mode for attributes

[Answer:](#) *You can edit an existing geometry to some extent*

Module Name **Layer Filters**

Question: Why is it important to filter your data when creating a map

Answer: *To extract some interesting pattern from a dataset based on some defined criteria or a particular area of interest*

Question: When creating maps can I also filter a raster layer using the attributes

Answer: *GeoNode has not exposed this option because of it's complexity*

Module Name **Content Permissions**

Question: Which of the following statements best describes permission management in GeoNode

Answer: *GeoNode permissions are granular and are defined by action and user or group*

Question: How can you change permissions once they are set

Answer: *Any user with content management permissions on a GeoNode object can change the permissions using the controls in the object details page*

Module Name **GeoNode Groups**

Question: Can any registered user create a user group on GeoNode

Answer: *No, only system administrators can create new user groups*

Question: Which of the following statements is not true of GeoNode user groups

Answer: *Groups contain controls to prevent other platform users from sending them messages*

Module Name **Map Basics**

Question: Why would you create a map after logging in vs when not logged in

Answer: *The ability to store your map on the GeoNode instance is only available when logged in*

Question: Why would you not create a map with layers from South Africa and Brazil

Answer: *The map produced will have a large extent and the layers will not overlap*

Question: How would I go about adding another basemap layer like Google Hybrid to GeoNode

Answer: *You need to be a developer and change a few lines of code to incorporate this*

Module Name **Map Widgets**

Question: -

Module Name **Map Annotations**

Question: What are map annotations in GeoNode

Answer: *User defined geometry elements overlaid on a map*

Question: True or false, you can have many annotation layers in a map

Answer: *False, annotations are represented as a single map layer*

Question: Is it possible to export annotations for use in other GIS software

Answer: *Yes, it should technically be possible, but it requires manual reconfiguration of the annotation data*

Module Name **Querying Features**

Question: Is it possible to only show a subset of the attributes when identifying features

Answer: *Yes*

Question: If I wanted to view the identify results as a table I would

Answer: *Use the custom templates and write some custom HTML to achieve this*

Question: Why would a user want to give an attribute name a new label

Answer: *To give meaningful description for attribute columns.*

Module Name **Sharing Maps**

Question: What permissions should you set if you want to share a map on Facebook

Answer: *'Anyone view' access*

Question: When you share a map, what are you downloading or sharing

Answer: *A link to a GeoNode web map service*

Question: What content types can be shared using the GeoNode sharing utilities

Answer: *All of the above*

Module Name **GeoNode Documents**

Question: What is the significance of associating documents with layers

Answer: *To publish additional information about the layer beyond the metadata*

Question: What is a standalone document

Answer: *A document that is of a specific type, such as .pdf*

Question: Can a Document be associated to multiple layers

Answer: Yes

Module Name **GeoNode Search**

Question: What is the difference between searching for layers when logged into GeoNode vs not logged in

Answer: *When logged in there are more search options available*

Question: What is a remote service

Answer: *Vector layers that can be accessed from the internet*

Question: Can you search for non-spatial content and maps in GeoNode

Answer: Yes

Module Name **External Metadata**

Question: Why would a user choose GeoCatBridge plugin over native QGIS metadata editor to generate metadata for use in GeoNode

Answer: *QGIS does not export the metadata into a format that GeoNode understands*

Question: Metadata generated from both InaSAFE and GeoCatBridge can be ingested in GeoNode, despite being produced by different tools. Why is that

Answer: *They all produce metadata that adhere to some common standard*

Module Name **Remote Services**

Question: What remote service types does GeoNode support

Answer: *WMS and ArcGIS REST MapServer services*

Question: True or false, only system administrators can add remote services

Answer: *True, regular users may add any remote service layers as long as they are from publicly accessible sources*

Module Name **External Applications**

Question: What kind of OGC service do you use if you need to edit the raster

Answer: *The raster cannot be edited in QGIS, you need to re-upload the raw raster in GeoNode after making your modifications*

Question: What is produced when you click service info in MetaSearch and what details does it contain

Answer: *It produces a list of all geospatial data available in GeoNode excluding documents*

Question: Why is it desirable to put your username,password when setting up connection endpoint in MetaSearch

Answer: *It allows access to layers with restricted access from the GeoNode*

Module Name **Python Administration**

Question: What components make up GeoNode

Answer: *GeoServer, Django, and PostgreSQL*

Question: Why would you want to use the command line management commands vs admin interface accessible on the browser

Answer: *The command-line allows a user to do more tasks in an automated way which the admin interface will not be able to achieve*

Question: Can users execute the command line management tools

Answer: *Yes, but only if you have installed some form of management software like rancher*

Module Name **Assessment**

Question: -

Module Name **Theming GeoNode**

Question: Is it possible to hide the text "Search for Data" from the main page using the theme customizations options

Answer: *No, It is not possible*

Question: Which of the following statements is true

Answer: *Admin users can only change the look and feel of the site*

Module Name **Advanced Publishing data in GeoServer**

Question: Which of the following statements is true

Answer: *SQL Views can be created only for vector data stores in GeoServer*

Question: Layers generated using SQL views are not editable in GeoNode

Answer: *False*

Question: Which of the following statements is true

Answer: *SQL view are used to generate new output without altering the original data*

Module Name **Vector temporal series**

Question: -

Module Name **Raster temporal series**

Question: -
