

## 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.*

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#### 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*

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#### 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*

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#### 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*

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**Module Name** **Managing Resources**

**Question:** -

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**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*

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**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*

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**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*

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**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*

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## 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*

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## 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*

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## 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*

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## Module Name **Map Widgets**

**Question:** -

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**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*

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**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.*

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**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*

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**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

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## 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

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## 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*

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## 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*

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## 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*

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## 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*

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## Module Name **Assessment**

**Question:** -

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## 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*

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## 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*

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**Module Name** **Vector temporal series**

**Question:** -

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**Module Name** **Raster temporal series**

**Question:** -

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