**Submission Tools**

Description: The data submission tools perform a variety of basic verification checks against the NG911 Data Model template to determine if the data is ready for submission. The scripts will run all required validation checks (1-5) and zip the data if it passes validation.

The submission tools require:

* Python scripts called:
  + Submission\_CheckAllAndZip
  + NG911\_Config
  + NG911\_DataCheck
* One folder called “Domains” that contains text files of resource information

Running submission scripts.

1. Open ArcCatalog and navigate to the toolbox called “Kansas NG911 GIS Tools”, expand the toolbox, then expand the toolset called “Submission Tools.”
2. In the “NG911 Geodatabase” parameter, select the geodatabase of data to be checked.
3. In the “Domain Folder” parameter, select the “Domains” folder.
4. In the “PSAP Emergency Services Boundary Layers” parameter (if shown), select ALL layers that represent emergency services (ESB, Law, Fire, etc.).
5. In the “ESZ Layer (optional)” parameter, choose your ESZ layer.
6. Check the box next to “This is a 1.0 template GDB (optional)” if you have not upgraded to the NG9-1-1 GIS Data Model 1.1 template geodatabase.
7. In the “Output Zip File” parameter, enter the path name including “.zip” of where the data should be saved.
8. Run the tool.
9. The basic results of the data checks are shared in the ArcGIS dialog box. The detailed results of the data checks will appear in two tables that are added to your geodatabase: TemplateCheckResults & FieldValuesCheckResults. The results reported in these tables will accumulate until you run the script titled “6 Optional Clear Results Table”.
10. If the data did not pass the validation check, the data will not be zipped.

Support Contact:

For issues or questions, please contact Kristen Jordan Koenig with the Kansas Data Access and Support Center. Email Kristen at [Kristen@kgs.ku.edu](mailto:Kristen@kgs.ku.edu) and please include in the email which script you were running, any error messages, and a zipped copy of your geodatabase (change the file extension from zip to piz so it gets through the email server).

If you have a domain issue to report, please email Kristen Jordan Koenig at [kristen@kgs.ku.edu](mailto:kristen@kgs.ku.edu). Please indicate what type of domain the issue is with and the values needing corrections. If you're feeling fancy, you can also fork the GitHub repository at <https://github.com/kansasgis/NG911>. Make your changes and submit a pull request.

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