

## Python GMN - Bug #7664

### manage.py register\_node\_with\_dataone generates "nodeReplicationPolicy" XML fragment in node capabilities even when replication is false

2016-02-25 18:27 - Mark Servilla

<b>Status:</b>	New	<b>Start date:</b>	2016-02-25
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Roger Dahl	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Story Points:</b>			
<b>Description</b>			
<p>The GMN service management function "manage.py register_node_with_dataone" generates the optional "nodeReplicationPolicy" XML fragment in the node registration XML document even when replication is false. Although this action is not an error in itself, it exposed a bug in the CN node registration update service (org.dataone.cn.Idap.NodeAccess), which requires a maxObjectSize field (an optional subelement of nodeReplicationPolicy). Because the "nodeReplicationPolicy" subelement is optional in the node registration XML document, it would be best to leave completely out of the XML document if the GMN MN is not a replication target (i.e., &lt; Tier 4).</p>			

### History

#1 - 2016-04-14 14:16 - Mark Servilla

- Assignee changed from Mark Flynn to Roger Dahl

Simple fix in [https://repository.dataone.org/software/cicore/branches/d1\\_mn\\_generic\\_v1\\_2\\_10\\_servilla/src/service/mn/node.py](https://repository.dataone.org/software/cicore/branches/d1_mn_generic_v1_2_10_servilla/src/service/mn/node.py)

- node.nodeReplicationPolicy = self.\_create\_replication\_policy()
- if node.replicate:
- node.nodeReplicationPolicy = self.\_create\_replication\_policy() return node