* Space issues
  + Check the size of the base, pg\_xlog and pg\_log
  + Move the pg\_xlog if its datanode, and create the symlink for it
  + Delete the logs if its coordinator node
  + Drop the unwanted tables
* GTM Proxy had too many connections - reaching 1024
  + Increase the working threads
  + Increase the ulimit
* GTM master may not be reachable
  + Do the two way ssh and check
  + Telnet from both side and the connection status
  + Check the iptables and selinux
  + Check the port
  + Check the gtm.control file for ids
  + If above connections are fine it will connect to the nodes
  + Or stop the node delete gtm.pid and start again
* GTM Proxy may not be reachable
  + Do the two way ssh and check
  + Telnet from both side and the connection status
  + Check the iptables and selinux
  + Check the port
  + Check the gtm.control file for ids
  + If above connections are fine it will connect to the nodes
  + Or stop the node delete gtm.pid and start again
* Pgxc\_ctl.conf file reference
* Pgxc\_ctl tool and its use
  + Creating the pgxc\_ctl.conf
  + Add the nodes
  + Remove the nodes
  + Can Create the database
* Archiving may not happen to the slave node if correct folder reference is not mentioned
  + Check the connection between the nodes
  + Do ssh and check
  + Check the iptables and selinux
  + Change the settings in datanode master in postgresql.conf
  + Edit the archiving command with proper file path
  + Restart the datanode master
* What to do if you run out of space
* If simple select and insert queries are taking time
  + Use the query ***select query, client\_addr, pid from pg\_stat\_activity where state like ‘idle’;***
  + Terminate all the idle connection or waiting connection for long time use the below query to terminate the queries
  + ***SELECT query, pid, state, (SELECT pg\_terminate\_backend(pid)) as killed from pg\_stat\_activity WHERE state LIKE 'idle';***
  + You may have synchronos commit enabled.
  + You may have some data node down in the cluster
* Pg\_hba.conf needs to be open enough to allow all data and coordinator nodes
  + In datanode allow all the coordinators with trust
  + No need to give client/user ip in datanode pg\_hba.conf
  + Adding the Ip of Client/user for in coordinator give the access for that particular node, port, user and database
  + Make sure to you give proper access of the database to correct user
* Settings need to be set correctly with the correct connection sizes on all the levels
* Check the status of a replication and make sure its currently getting processed correctly.