

## Test Procedure – Network Throughput Test

### Prerequisites:

- Robot on and ROS environment operational
- Test computer on and ROS environment operational
- Minimum 1 mesh node online

### Procedure:

1. Log in to test computer using test credentials.
2. Verify connectivity to robot using the following command:  
`ping 10.1.12.1 -c3`
3. Verify mesh node count using the following command:  
`sudo batctl o`
4. Generate a test file to send over the mesh using the following command:  
`dd if=/dev/random of=/tmp/test.bin bs=1M count=100`
5. Send the test file over the network using the following command:  
`scp /tmp/test.bin testuser@10.1.12.1`