

## AODV Code

[General]

network = AODVNetwork

record-eventlog = true

num-rngs = 3

\*\*mobility.rng-0 = 1

\*\*wlan[\*].mac.rng-0 = 2

tkenv-plugin-path = ../../../../etc/plugins

*# channel physical parameters*

\*\*wlan[\*].typename = "IdealWirelessNic"

\*\*wlan[\*].bitrate = 2Mbps

\*\*wlan[\*].mac.address = "auto"

\*\*wlan[\*].mac.headerLength = 20B

\*\*wlan[\*].radioType = "IdealRadio"

\*\*wlan[\*].radio.transmitter.headerBitLength = 0b

\*\*wlan[\*].radio.transmitter.maxCommunicationRange = 250m

\*\*wlan[\*].radio.transmitter.maxInterferenceRange = 0m

\*\*wlan[\*].radio.transmitter.maxDetectionRange = 0m

\*\*wlan[\*].radio.receiver.ignoreInterference = true

\*.numHosts = 60

*# mobility*

\*\*host[\*].mobilityType = "RandomWPMobility"

\*\*host[\*].mobility.speed = (5mps)

\*\*mobility.constraintAreaMinZ = 0m

\*\*mobility.constraintAreaMaxZ = 0m

\*\*mobility.constraintAreaMinX = 0m

\*\*mobility.constraintAreaMinY = 0m

\*\*mobility.constraintAreaMaxX = 1500m

\*\*mobility.constraintAreaMaxY = 1500m

*# traffic*

\*\*host[0].udpApp[0].typename = "UDPBasicBurst"

\*\*numUdpApps = 1

\*\*host[0].udpApp[0].localPort = 1234

```
** .host[*].udpApp[0].typename = "UDPBasicBurst"  
** .host[0].udpApp[0].destAddresses = "host[1]"  
** .udpApp[0].destAddresses = " "  
** .udpApp[0].localPort = 1234  
** .udpApp[0].destPort = 1234  
** .udpApp[0].messageLength = 512B  
** .udpApp[0].sendInterval = 0.5s  
** .udpApp[0].burstDuration = 0  
** .udpApp[0].chooseDestAddrMode = "perBurst"  
** .udpApp[0].sleepDuration = 1s  
** .udpApp[0].startTime = 1s  
** .udpApp[0].delayLimit = 20s  
** .udpApp[0].destAddrRNG = 0
```