

Experiment No. : 4

Program :

```
$ns_ duplex-link $W(0) $W(1) 5Mb 2ms DropTail
```

```
$ns_ duplex-link $W(1) $HA 5Mb 2ms DropTail
```

```
$ns_ duplex-link $W(1) $FA 5Mb 2ms DropTail
```

We can control how these wired links look like in NAM by setting

```
$ns_ duplex-link-op $W(0) $W(1) orient down
```

How do we tell the HA to forward the MH's packets to its new location (FA)? MobileIP takes care of this

```
$ns_ node-config -mobileIP ON
```

And we have to register the MH at the corresponding Home Agent (HA):

```
set MH [$ns_ node 1.0.1]
```

```
set HAaddress [AddrParams addr2id [$HA node-addr]]
```

```
[$MH set regagent_] set home_agent_ $Haaddress
```

```
for {set i 1} {$i < $opt(nn)} {incr i 2}
```

```
{set udp($i) [new Agent/UDP]}
```

```
$ns_ attach-agent $WT($i) $udp($i)
```

```
set sink($i) [new Agent/Null]
```

```
$ns_ connect $udp($i) $sink($i)
```

```
set cbr($i) [new Application/Traffic/CBR]
```

```
$cbr($i) set packetSize_ 1000
```

```
$cbr($i) set interval_ 0.005
```

```
$cbr($i) attach-agent $udp($i)
```

```
$ns_ at [expr 20.0 * $i] "$cbr($i) start"
```

```
$ns_ at $opt(stop) "$cbr($i) stop"
```

```
}
```

Output :

