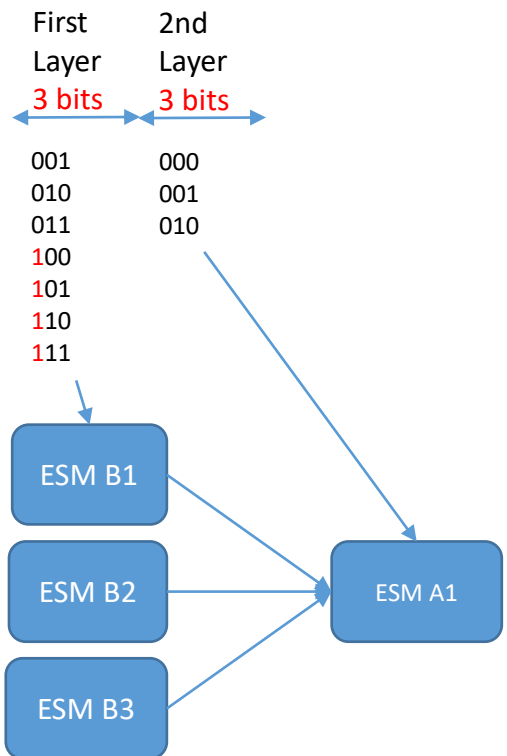
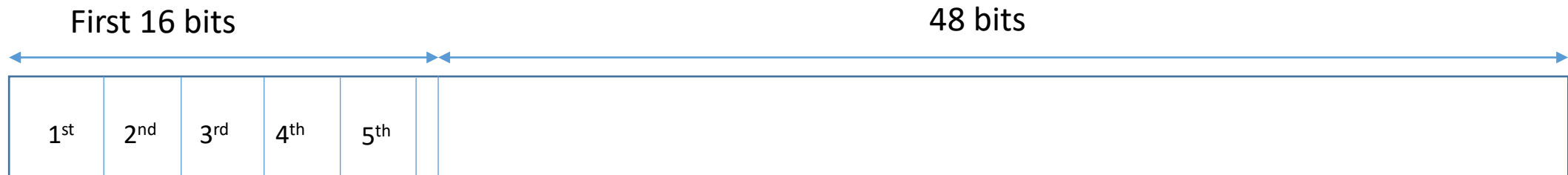


Event ID: 64 bits - "server.pathinfo.single.bits=3"

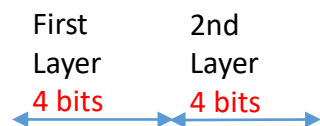
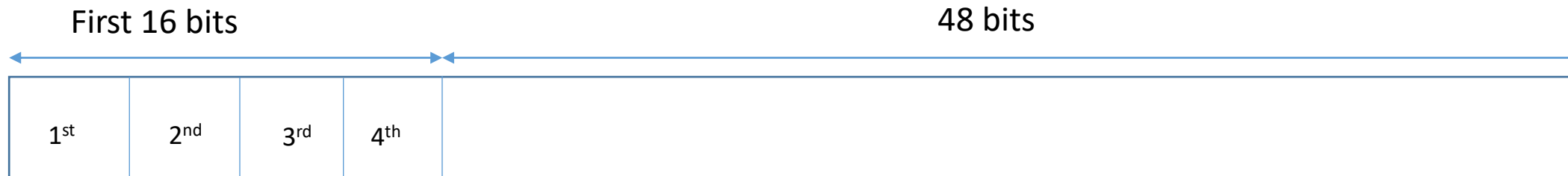


When forwarding an event, the upper 16 bits serve the purpose of identifying the exact path that the event went thru in with each ESM manager traversed being a "hop". By default:

- a "hop" is represented by 3 bits, which allow 7 managers in a tier (but see caveat below).
- 16 bits allow allows 5 layers tiers (3 bits x 5 hops = 15 bits with 1 to spare).

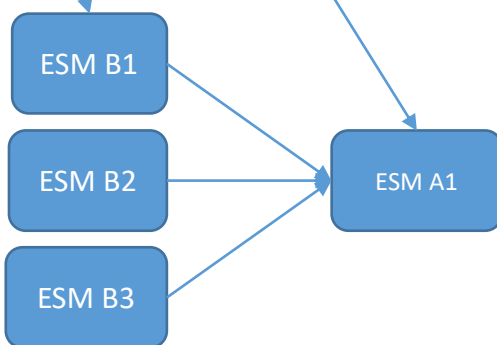
<https://community.microfocus.com/cyberres/arcsight/f/arcsight-discussions/289861/esm-event-id-and-event-forwarding>

Event ID: 64 bits - "server.pathinfo.single.bits=4"



0001  
0010  
0011  
0100  
0101  
0110  
0111

0000  
0001  
0010



One can change the default using the server.properties file attribute "server.pathinfo.single.bits". By changing the value from 3 to a different number, the number of managers in a tier can be increased to  $2^n - 1$ . For example, 4 would yield 15 managers. Conversely, the number of layers will be reduced so that they fit in 16 bits, so 4 would allow 4 layers.

<https://community.microfocus.com/cyberres/arcsight/f/arcsight-discussions/289861/esm-event-id-and-event-forwarding>