

a is bytes 0..3 of input

b is 4..7, n is 8..11

\*s, \*d untainted

```
-----  
1: void foo(int a, int b, char *s, char *d, int n) {  
2:     int c = a+b; ----- TNC(c) = 1  
3:     if (a == 0xdeadbeef) ----- LIV(0..3) = 1  
4:         return;  
5:     for (int i=0; i<n; i++) ----- LIV(8..11) = n  
6:         c+=s[i];  
7:     memcpy(d,s,n+c); ----- TCN(c) = n+1  
8:     // BUG: memcpy(d+(b==0x76697461)*b,s,n);  
9: }
```