

Exploiting Simple Buffer Overflows on Win32

Vivek Ramachandran

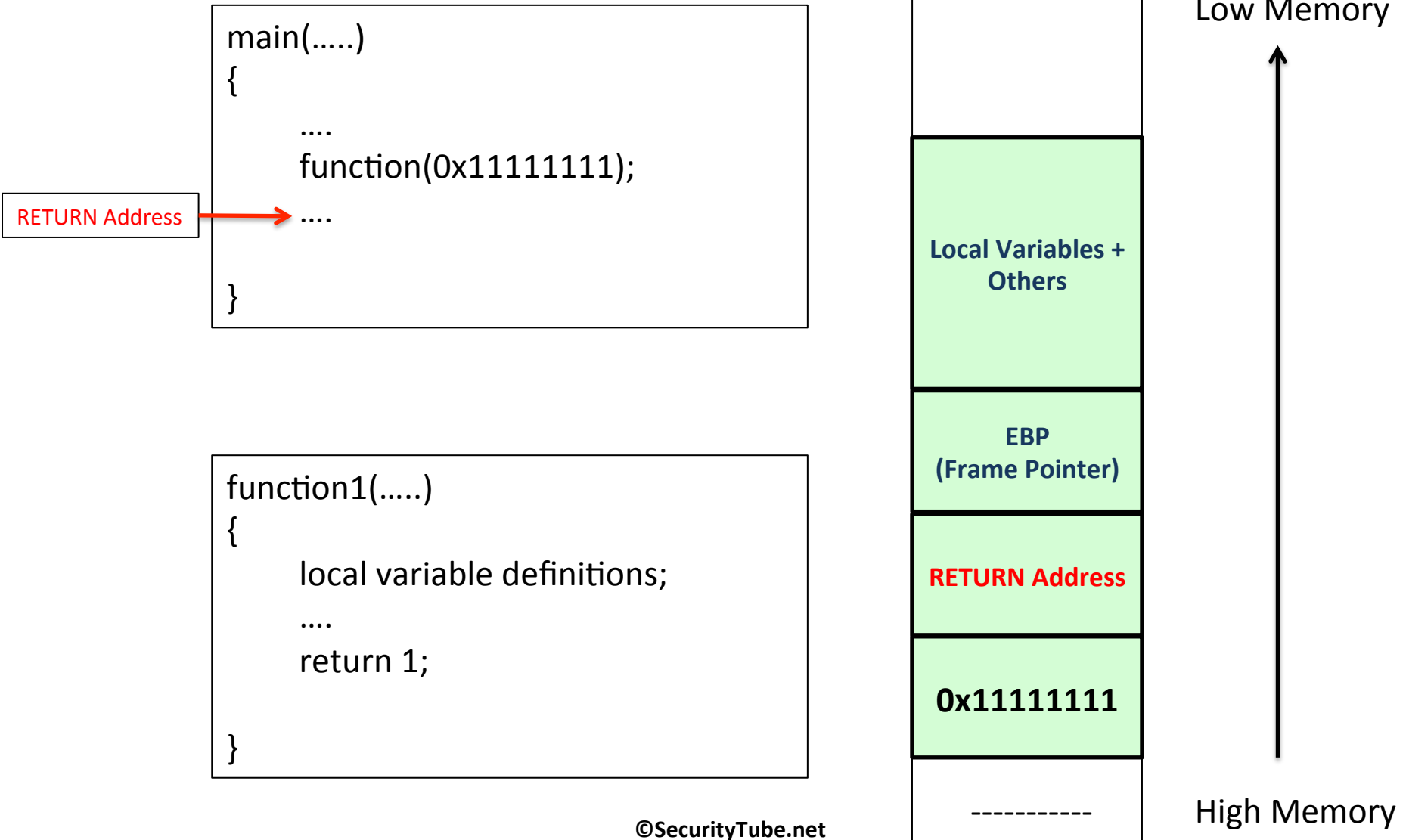
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Tampering the Return Address

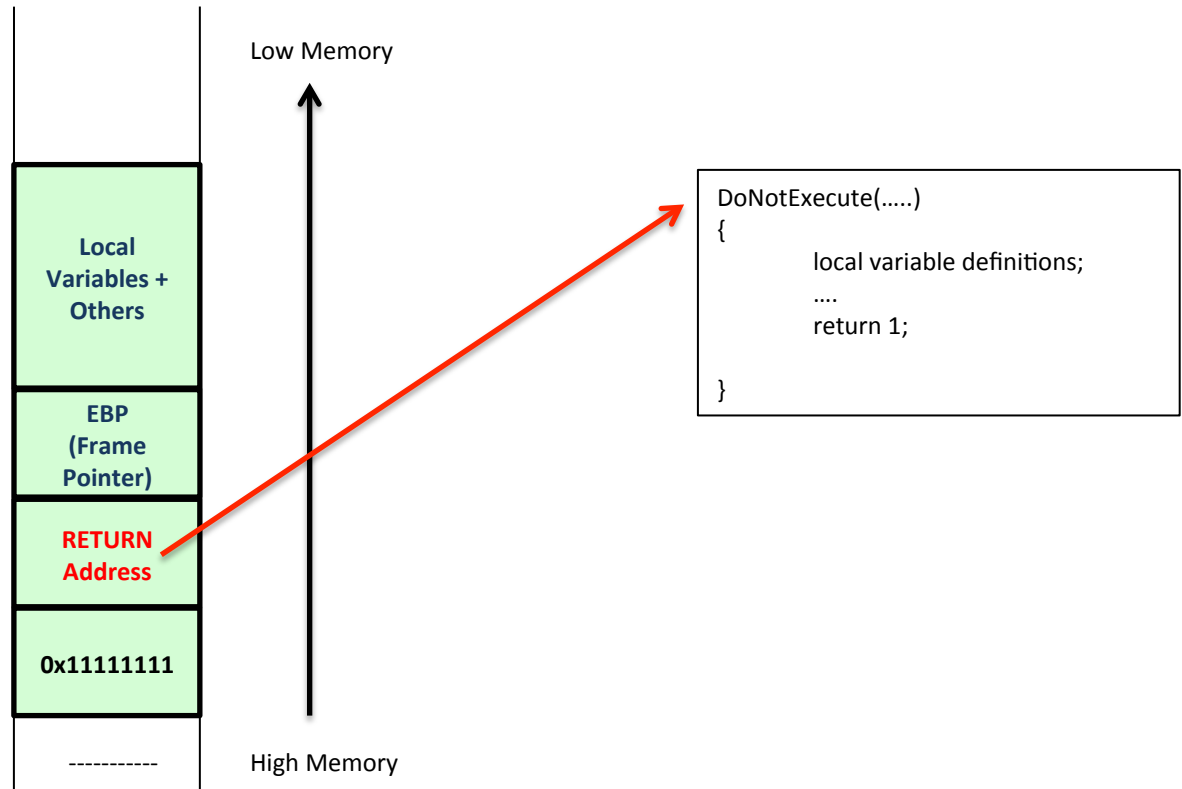
Return Address



Return Address

```
main(.....)
{
    ....
    function(0x11111111);
    ....
}
```

```
function1(.....)
{
    local variable definitions;
    ....
    return 1;
}
```



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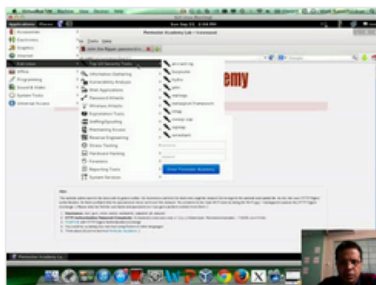
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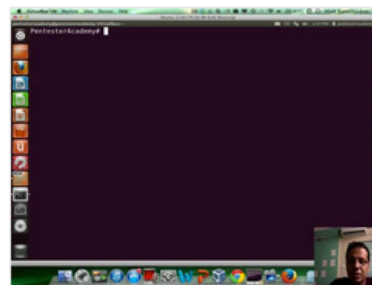
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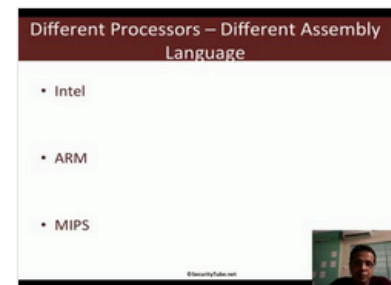
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Module 1: CPU Information in x86_64 Assembly Language and Shellcoding on Linux