



Access Machines



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Learn > Sudo Buffer Overflow



Sudo Buffer Overflow

A tutorial room exploring CVE-2019-18634 in the Unix Sudo Program. Room Two in the SudoVulns Series

Info 30 min

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[Options](#)**Room completed (100%)**

Target Machine Information

Title	Target IP Address	Expires			
SudoVulns	10.10.84.152	35min 13s	?	Add 1 hour	Terminate

Task 1 Deploy!



Task 2 Buffer Overflow



CVE-2019-18634 is, at the time of writing, the latest offering from Joe Vennix - the same guy who brought us the security bypass vulnerability that we used in the Security Bypass room. This one is slightly more technical, using a Buffer Overflow attack to get root permissions. It has been patched, but affects versions of sudo earlier than 1.8.26.

Let's break this down a little bit.

In the [Security Bypass room](#) I mentioned briefly that you can add things to