



Roku player software cracked open... root to run XBMC

Moderators: RokuDouglas, RokuShawnS, RokuKen, RokuRyan, RokuJamesL

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Roku player software cracked open... root to run XBMC

by beq » Sat Dec 28, 2013 7:40 pm

beq

Posts: 255
Joined: Thu Aug 22, 2013 3:54 pm

GTV Hacker: Breaking Secure-Boot on the Roku

You may not know it by looking at the device, but the Roku is considerably more secure than most entertainment devices in its genre (even our namesake). The engineers at Roku not only implemented a decently hardened grsec kernel, they did it where we hadn't seen before, on ARM.

Roku player software cracked open temporarily, root now to run XBMC later

Currently they've only achieved persistence on the Roku 2, which in this case means they can maintain control even after the box reboots by breaking the secure boot process and modifying the initial boot loader. Since Roku 2 runs on the same Broadcom chip used by the popular Raspberry Pi, team member CJ Heres expects to see ports for third-party home theater PC software like XBMC very quickly. The Roku 3 will be a bit trickier since it runs on different hardware, and right now it needs to have the command entered each time the box starts.

Re: Roku player software cracked open... root to run XBMC

by SimpleMinded » Sat Dec 28, 2013 8:38 pm

SimpleMinded

Posts: 245
Joined: Wed Oct 30, 2013 8:43 pm

What does this mean? Should be run the script now? Will an update close the exploit? Should we take the devices off the network until the other shoe drops?

Re: Roku player software cracked open... root to run XBMC

by [mikebdoss](#) » Sat Dec 28, 2013 9:11 pm

mikebdoss

** Valued Community Member **

Posts: 2818

Joined: Mon Oct 25, 2010 3:52 am

SimpleMinded wrote:

What does this mean? Should be run the script now? Will an update close the exploit? Should we take the devices off the network until the other shoe drops?

Someone would have to already be IN your network in order to run this exploit, which doesn't actually DO anything except allow some custom scripts to run. I don't see any dangers.

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