
Subject: Renguard obtains serial?

Posted by [sterps](#) on Fri, 23 Apr 2004 12:46:04 GMT

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Is it true that Renguard obtains my serial and uses it? im just wondering bcoz i read it at the bc forums?

Subject: Renguard obtains serial?

Posted by [Neo](#) on Fri, 23 Apr 2004 12:54:27 GMT

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hmmm...well, from what I have been told, it uses a one way encryption. It doesn't really "obtain" your serial. If you aren't a cheater, it really shouldn't affect you, as the only way your serial is used is if you are banned, then it bans you by your serial number.

Someone correct me please if I am wrong.

Subject: Re: Renguard obtains serial?

Posted by [dommafia](#) on Fri, 23 Apr 2004 14:54:07 GMT

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sterpsIs it true that Renguard obtains my serial and uses it? im just wondering bcoz i read it at the bc forums?

you must be talking about :

vloktbokyNo, Black-Cell will not be using RenGuard. You do not need it to play on our servers. I would suggest you do not run it at all, as it violates the EULA by obtaining and using your serial key.

Does the EULA still matter after the company goes down? any of the renguard team conerned ?
:rolleyes: I doubt it

Subject: Renguard obtains serial?

Posted by [jonwil](#) on Fri, 23 Apr 2004 15:14:05 GMT

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We obtain a 1-way hash of your serial (which means we cant get the serial itself even if we wanted to). It is only used if you get banned, the serial number is one item we use to identify banned people.

Subject: Renguard obtains serial?

Posted by [warranto](#) on Fri, 23 Apr 2004 16:34:45 GMT

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Keep in mind (before it's brought up... again) It's a ban from the RenGuard network, and NOT WOL. Meaning if you get banned you can still play Renegade online, just not on servers that run Renguard.

Subject: Renguard obtains serial?

Posted by [Crimson](#) on Fri, 23 Apr 2004 18:57:22 GMT

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A one-way hash is like a door that only locks from the inside with no keyhole on the other side. It can't be reversed to your actual serial. The advantage, however, is that your serial will always hash to the same value, which is why this sort of encryption is used for comparison purposes.

Let's say you have a serial:

102931379147924 (fake, obviously)

It may hash to something like:

3b44fac8

Now I could try every possible serial until I found one that hashed to the same value, but if I'm going to do that, I might as well just try to log into WOL with those serials I'm trying, then I'll be able to log in from a variety of valid serials instead of just trying to find yours.

Another example... you could have a 5.6 MB mp3 of some song you like. It may hash to something like "9b773ef3". How can you POSSIBLY reverse this short string of letters to a 5.6 MB file? It's used for comparison. In a perfect world, if your favorite band had two versions of a song and you had one, you could use this hash to compare whether the version you're going to download is the same or a different mix because the hash won't match.

Make sense? (credits to Blazer for some of these examples used earlier)

And another thing, YOU WILL NOT BE BANNED FROM RENGUARD IF WE DON'T LIKE YOU. Banning is very strictly reserved for those who are a threat to the network. An example would be someone who was repeatedly caught by our intrusion detection code as attempting to bypass RenGuard... or someone who successfully got past it and didn't tell us how. Basically people that you shouldn't want on your server anyway.

Subject: Renguard obtains serial?

Posted by [Blazer](#) on Sat, 24 Apr 2004 00:09:13 GMT

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CrimsonAnother example... you could have a 5.6 MB mp3 of some song you like. It may hash to something like "9b773ef3". How can you POSSIBLY reverse this short string of letters to a 5.6 MB

file? It's used for comparison. In a perfect world, if your favorite band had two versions of a song and you had one, you could use this hash to compare whether the version you're going to download is the same or a different mix because the hash won't match.

Heh slightly OT but that is exactly the method that Kazaa, WinMX, etc use to tell if a file is the exact same as the one you selected to download. That's how it keeps from downloading pieces of a song that might have the same filename & filesize but is actually different contents. I think the main point here is that a hash is just a "fingerprint" of a file or piece of data, its not an encrypted form of the data and thus cannot be reversed back to the original.

Subject: lol
Posted by [DOD-KRONIC KILLER](#) on Sat, 24 Apr 2004 06:01:42 GMT
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so it juz basicly a CRC

Subject: ?
Posted by [DOD-KRONIC KILLER](#) on Sat, 24 Apr 2004 06:04:13 GMT
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so when u guys ban someone are u gonna let em back
hopefully not
i say once a cheater always a cheater

Subject: Re: ?
Posted by [cokemaster](#) on Sat, 24 Apr 2004 11:38:05 GMT
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DOD-KRONIC KILLERso when u guys ban someone are u gonna let em back
hopefully not
i say once a cheater always a cheater

I think that the Renguard client will not allow users with 'cheats' in their Renegade folder load or it will kick them out, however if they detect you tempering with their client - it will ban you.

Someone will correct me on this one I hope, as I am probably wrong

Subject: Renguard obtains serial?
Posted by [sterps](#) on Mon, 26 Apr 2004 13:14:52 GMT
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I heard MD5 is easy to to reverse???
is that true?

Subject: Renguard obtains serial?
Posted by [Crimson](#) on Mon, 26 Apr 2004 18:45:55 GMT
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Whether MD5 is easy to reverse or not it doesn't change the fact that we don't use MD5...

Subject: Renguard obtains serial?
Posted by [dead6re](#) on Mon, 26 Apr 2004 19:49:14 GMT
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MD5 is not easy to decode, my friend had a go and failed, he looked around and took him a month to figure it out, the world i used was test but yet it took a month, longer words would take longer and harder to decrypt

Subject: Renguard obtains serial?
Posted by [sterps](#) on Tue, 27 Apr 2004 00:39:31 GMT
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What is used then? A hash or something

Subject: Re: Renguard obtains serial?
Posted by [Majiin Vegeta](#) on Tue, 27 Apr 2004 02:03:48 GMT
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sterpsls it true that Renguard obtains my serial and uses it? im just wondering bcoz i read it at the bc forums?

crimson and co. are building a mass database of serials they have taken from users to do absolutly nothing with...

....

dont read anything anyone says about renguard unless its in the RG forums becuae that way you learn the turth and not some bullshit like on the BC forums
