

Forum:[Hack Forums](#)

Thread: [Asyncrat 0.5.8 Could not load file or assembly](#)

SBxzjz - January 13, 2026, 8:01 am

When I first install an AsyncRAT.exe in target machine, I add this AsyncRAT.exe file location in target machine under WD exclusion, and add its shortcut to shell:startup. After running this exe, all the remote webcam, remote desktop and file manager features is functioning well. But once after target machine restart, AsyncRAT still able to connect, due to my ngrok tcp, but when i try to use features like remote desktop, it replies "Could not load file or assembly '401920 bytes loaded from AsyncRAT, Version=1.0.0.0, Culture=neutral, PublicKeyToken=null' or one of its dependencies. An attempt was made to load a program with an incorrect format." I confirms the 401920 bytes is exact size of my RemoteDesktop.dll from host machine AsnycRAT Plugins folder. Why is this happening? My target machine is not detecting any threats.

FaKeL - January 18, 2026, 3:26 am

I have the same problem.

Trying async 5.9A and xworm 6.

Before crypt i test him and everything working without any problem or errors.

But after crypt almost all function not working and show me the same errors.

Trying different systems (vmware ,real laptops with win 10 and win 11 and desktop pc with win 10)

No detections from WD ,but not working properly.

Any ideas?

<https://ibb.co/SwhHg7p>

<https://ibb.co/JWgk11Sk>

jmark7 - January 18, 2026, 3:50 am

solution to your Problem : <https://hackforums.net/showthread.php?tid=6313808>

FaKeL - January 18, 2026, 5:22 am

(Jan 18, 2026 04:50 AM)jmark7 Wrote: [\[CITE\]](#) solution to your Problem :

<https://hackforums.net/showthread.php?tid=6313808>

I tested with exactly the same version as i wrote above and it doesn't work.

possessed-client - January 18, 2026, 6:09 am

Eeeeh, need to read source code on how AsyncRAT finds and loads the libraries (and maybe how it resolves entry points of the libraries, in the case when payload or library are getting obfuscated), might be that those parts of code are incompatible with some persistence or payload execution methods, or obfuscation by crypters/obfuscators.

FaKeL - January 18, 2026, 8:53 am

(Jan 18, 2026 06:22 AM)FaKeL Wrote: [\[CITE\]](#) I tested with exactly the same version as i wrote above and it doesn't work.

besimbicer - January 18, 2026, 11:55 am

I think the functions break easily because they're written in C#. I converted it to shellcode and it stopped taking screenshots. The same thing happens with Pulsar.

FaKeL - January 19, 2026, 12:10 am

Now i test again Xworm 6 , 6.5 and Async 5.9A on vmware win 10.

After crypt on first run all plugins working, but after restart vmware plugins stop working and get errors.

All three rats get the same errors.

Please someone help me to fix this errors, or suggest me free rat that working without problems.

With Pulsar i getting WD detection after run it.

Binance - January 19, 2026, 5:17 am

Your crypt loads into PE.

Restart clears PE. Problem with headers.

can you share which windows 11 version you're using?

None of the tools above were created during that Era except Pulsar, which is a fork of Quasar... and... you know, crafted for W10.

possessed-client - January 19, 2026, 6:20 am

(Jan 19, 2026 01:10 AM)FaKeL Wrote: [\[CITE\]](#) Now i test again Xworm 6 , 6.5 and Async 5.9A on vmware win 10.

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What are the differences between first run and running after reboot? I assume first run might be from a different path than the one done by persistence on the second one. There shouldn't really be any difference in how the client is run, unless crypter is doing something really weird. So it's something about plugin location or reading of them. Try turning off WD and then testing. If it works after reboot with WD off, then it's blocking the plugins, and the plugins have to be cleaned. If still does not work, then it's a problem with how the client finds or loads plugins in different situations, need to debug or read the source.

FaKeL - January 19, 2026, 6:54 am

(Jan 19, 2026 06:17 AM)Binance Wrote: [\[CITE\]](#) Your crypt loads into PE.

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None of the tools above were created during that Era except Pulsar, which is a fork of Quasar... and... you know, crafted for W10.

If i understand correctly, the problem is in the crypter?

The only plugin that works on this win11 is information.

OS : Microsoft Windows 11 Pro SP0 x86

GPU : Parsec Virtual Display Adapter NVIDIA GeForce GT 730 Intel® UHD Graphics 630

CPU : Intel i3-8100 @ 3.60GHz

Identifier : Intel64 Family 6 Model 158 Stepping 11

Ram : 15,8 GB

Platform : Win32NT

Ver : 10.0.26100.0

Binance - January 19, 2026, 7:40 am

(Jan 19, 2026 07:54 AM)FaKeL Wrote: [\[CITE\]](#) OS : Microsoft Windows 11 Pro SP0 x86

Um? I'm not sure if i understand this or if its correct. 32 bit windows 11?

(Jan 19, 2026 07:54 AM)FaKeL Wrote: [\[CITE\]](#) If i understand correctly, the problem is in the crypter?

Could be. I cannot diagnose this without more information. Even with WD completely disabled, do all functions perform as expected? (apart from startup)

FaKeL - January 20, 2026, 4:19 am

(Jan 19, 2026 08:40 AM)Binance Wrote: [\[CITE\]](#) Um? I'm not sure if i understand this or if its correct. 32 bit windows 11?

Could be. I cannot diagnose this without more information. Even with WD completely disabled, do all functions perform as expected? (apart from startup)

I installed a completely new Windows 10 Pro on VMware, but I've been trying to completely turn off Defender for several hours now, but I can't. After restart, it turns back on ?

And regarding this for windows 11 x86, this is seen in the Information plugin, but here it shows 11 x64. <https://ibb.co/Qv4sndnV>

It's most likely a bug.

possessed-client - January 20, 2026, 7:32 am

(Jan 20, 2026 05:19 AM)FaKeL Wrote: [\[CITE\]](#) I installed a completely new Windows 10 Pro on VMware, but I've been trying to completely turn off Defender for several hours now, but I can't. After restart, it turns back on ?

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It's most likely a bug.

Generally, you don't need to turn it completely off, just turn off real-time protection and all the other toggles on that page, it shouldn't turn back on its own. But you can go more hardcore and try tools like <https://github.com/pgkt04/defender-control> or <https://github.com/es3n1n/defendnot> .

FaKeL - January 21, 2026, 1:03 am

(Jan 20, 2026 08:32 AM)possessed-client Wrote: [\[CITE\]](#) Generally, you don't need to turn it completely off, just turn off real-time protection and all the other toggles on that page, it shouldn't turn back on its own. But you can go more hardcore and try tools like

<https://github.com/pgkt04/defender-control> or <https://github.com/es3n1n/defendnot> .

Thanks for the advice.

I turned off all WD features, the client connected and all plugins worked.

I restarted the client computer and when it came back up all plugins worked.

So for some reason WD is blocking plugins without notifying.

Now the question is how to fix this??

possessed-client - January 21, 2026, 3:57 am

(Jan 21, 2026 02:03 AM)FaKeL Wrote: [\[CITE\]](#) Thanks for the advice.

I turned off all WD features, the client connected and all plugins worked.

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So for some reason WD is blocking plugins without notifying.

Now the question is how to fix this??

If you have access to plugin dlls, try obfuscating them with SmartAssembly or dotNet Reactor, or whatever is the latest Confuser fork currently. If obfuscation breaks the plugin, you'll have to figure out which is the necessary public interface and add it to exclusions in the obfuscator.

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(Jan 21, 2026 04:57 AM)possessed-client Wrote: [\[CITE\]](#) If you have access to plugin dlls, try obfuscating them with SmartAssembly or dotNet Reactor, or whatever is the latest Confuser fork currently. If obfuscation breaks the plugin, you'll have to figure out which is the necessary public interface and add it to exclusions in the obfuscator.

Thanks man i will try it.

SBxjz - February 2, 2026, 5:18 am

(Jan 20, 2026 08:32 AM)possessed-client Wrote: [\[CITE\]](#) Generally, you don't need to turn it completely off, just turn off real-time protection and all the other toggles on that page, it shouldn't turn back on its own. But you can go more hardcore and try tools like <https://github.com/pgkt04/defender-control> or <https://github.com/es3n1n/defendnot> .

Is weird that even I installed defendnot and activated it on target machine, asynrat still pop ups "Could not load file or assembly '401920 bytes loaded from AsyncRAT'", eventhough this is a new asynrat.exe I installed in target machine. Is this because of I never shut down or restart the target machine?

possessed-client - February 2, 2026, 5:38 am

(Feb 2, 2026 06:18 AM)SBxjz Wrote: [\[CITE\]](#) Is weird that even I installed defendnot and activated it on target machine, asynrat still pop ups "Could not load file or assembly '401920 bytes loaded from AsyncRAT'", eventhough this is a new asynrat.exe I installed in target machine. Is this because of I never shut down or restart the target machine?

Hard to tell, for FaKeL it worked by just turning off WD protection settings normally. Might depend on how AsyncRAT acts in some situations, like when it has failed initially due to AV, and then you execute the same command and it tries to, for example, load the same blocked file instead of attempting to redownload in a new path. I suppose the best way to check whether your issue is similarly WD related would be to try once in a VM with WD with default settings, then revert VM state to before the test, turn off WD protections, and test again. If that doesn't fix it, then your issue is different.

SBxjz - February 2, 2026, 6:01 am

(Feb 2, 2026 06:38 AM)possessed-client Wrote: [\[CITE\]](#) Hard to tell, for FaKeL it worked by just turning off WD protection settings normally. Might depend on how AsyncRAT acts in some situations, like when it has failed initially due to AV, and then you execute the same command and it tries to, for example, load the same blocked file instead of attempting to redownload in a new path. I suppose the best way to check whether your issue is similarly WD related would be to try once in a VM with WD with default settings, then revert VM state to before the test, turn off WD protections, and test again. If that doesn't fix it, then your issue is different.

Actually, after I activated defendnot and inserted the new asynrat.exe, all plugin works fine. And even after 12 hours, it works. But after like 24 hours I put target machine to sleep, and it reconnected to asynrat again, it failed.

(Feb 2, 2026 07:01 AM)SBxjz Wrote: [\[CITE\]](#) Actually, after I activated defendnot and inserted the new asynrat.exe, all plugin works fine. And even after 12 hours, it works. But after like 24 hours I put target machine to sleep, and it reconnected to asynrat again, it failed.

Oh no, I get it now, my target machine actually encounter a restart and defendnot is down, WD is up again for this target machine AVs, so how can I keep fake AV like defendnot to keep alive in my target machine, even after a restart?

possessed-client - February 3, 2026, 8:06 am

(Feb 2, 2026 07:01 AM)SBxjz Wrote: [\[CITE\]](#) Actually, after I activated defendnot and inserted the new asynrat.exe, all plugin works fine. And even after 12 hours, it works. But after like 24 hours I put target machine to sleep, and it reconnected to asynrat again, it failed.

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Your options are - set persistence to defendnot (I think it had an option to do this, read its readme); or turn on defendnot, then add AsyncRAT's path and its plugin path in WD exclusions, after that you can turn defendnot off again; alternatively you can try obfuscating the plugin dlls with the tools and caveats I described in a post somewhere above.

SBxzzjz - February 4, 2026, 11:30 pm

(Feb 3, 2026 09:06 AM)possessed-client Wrote: [\[CITE\]](#) Your options are - set persistence to defendnot (I think it had an option to do this, read its readme); or turn on defendnot, then add AsyncRAT's path and its plugin path in WD exclusions, after that you can turn defendnot off again; alternatively you can try obfuscating the plugin dlls with the tools and caveats I described in a post somewhere above.

got it, I will give it a try.

asikan34 - May 22, 2026, 3:26 am

This is due to the server not being encrypted.