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r/zerotier • 6 yr. ago

bobby-t1



What does "Allow Global" and "Allow Default" options do?

I see these options for ZeroTier networks but not sure what they do for the client. I'm pretty sure that with both these options OFF, only ZT traffic intended for ZT clients on that network go through ZT.

(I'm trying to see if there is a way for me to use this as a makeshift VPN to shield my traffic from zscaler which is mandatory install on my work laptop. I don't need my employer's zscaler seeing all my banking traffic for example.. call me paranoid)



9



8



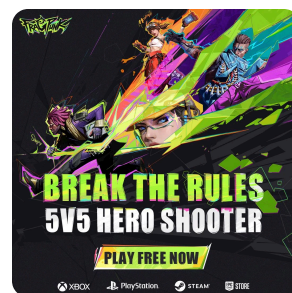
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cameos • 6y ago

From [ZeroTier Manual](#):

allowManaged (rw) boolean If true, ZT-managed IPs and routes are assigned

allowGlobal (rw) boolean If true, ZT-managed IPs and routes can overlap public IP space

allowDefault (rw) boolean If true, network can override system default route (full tunnel)



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bobby-t1 **OP** • 6y ago

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What does it mean for the network to be able to "override system default route (full tunnel)"?

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doughecka • 6y ago

FYI ZScaler is most likely either a system proxy, or an endpoint that enforces the proxy... the first might be able to be turned off in the browser, but the second will usually force all WEB traffic (even for apps that don't follow system-set proxy settings) through ZScaler. So if you route all traffic through ZT, it'll simply route all that proxy traffic to ZScaler via ZT... end result is still the same.

Now this may not apply if they're doing the ZScaler tunneling/forwarding at the firewall/router level, but since you said 'mandatory install' then that implies there's an endpoint on your laptop that's forcing all web traffic to ZScaler.

My recommendation: don't browse from the PC directly, but instead remote into another system (your personal PC at home, or a VM running on AWS/VPS) and do all your personal stuff from there. See the free cloud-hosted ScreenConnect for an easy to setup/use remote access tool, or if you're using AWS/hosting a VM at a VPS then you can usually RDP directly into those systems.

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bobby-t1 OP • 6y ago

I believe all my traffic is routed to Zscaler and not just web.

If you're saying all my ZT traffic is still going through Zscaler why is it that if ZT connection is up (and set as default), I can visit sites that otherwise are blocked by zscaler?

Is ZT somehow making the traffic uninspectable by Zscaler?

Good call on remoteing into a system for my other browsing. What benefit is ScreenConnect (now known as ConnectWise) for me vs just RDP into a windows VM?

I'm wondering if I should bother with expense of a VM in AWS or something or just on my home server that I access using the ZT network.

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superdot • 6y ago

Probably against your IT policy at work, is it worth risking your job over this?

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