

What causes the "nRRPResponseCode 531" error, A fix to the nasty "nRRPResponseCode 531" error during domain name DNS change

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For two days now, I'm trying to set a custom DNS server for a (.net) domain purchased by gigaspark.com. Every time I try to change the nameservers for the (.net) domain an irritating error pops up, the error reads "nRRPResponseCode 531" and I cannot set my custom configured Bind DNS server for the (.net) domain. I believe the same problem happens also with (.com) domains.

In this relation, I tried googling online searching and searching what might be the stupid cause of the "nRRPResponseCode 531" error that prevents me from setting my custom configured Bind domain name servers to **mydomain.net**. I also contacted the support team from gigaspark multiply until I found out what is the trouble cause.

In short the "nRRPResponseCode 531" is an error that indicates your **.net or .com** domain is not figuring in VeriSign's GRS domain database.

The Verisign GRS domain database contains a list of DNS servers that are correctly configured and trustworthy enough. I've seen many people online suffering from the same terrible error, who pointed out that the error is caused by misconfigurations in the Bind DNS server or the zone file for the problematic domain name, though I've looked through multiple times to possibly track the problem in both my major named.conf and the rest of bind's configuration files as well as in the domain name I had registered **mydomain.net**, there was nothing misconfigured or unusual.

I have to admit, this problem is really odd, because I was able to successfully set the same custom configured Bind DNS server for **mydomain.info and mydomain.biz** but, yet whenever trying to set the same Bind DNS for **mydomain.net** I came across the shitty **nrRRPResponseCode 531**.

Thanks to the kind help of Gigaspark's tech support together with some google posts on the matter I figured out Gigaspark are using ENOM - a major domain name registrar offering easy ways for an end domain providers to become their resellers.

It seems ENOM's policy is enforces you as a domain name customer to register your full DNS domain name let's say (ns1.mydns.com) in Verisign's GRS domain database otherwise they refuse you the right to set yourself your **ns1.mydns.com** for your domain, because if the DNS domain name is not figuring in that database it's not trust worthy!

I believe many people would agree with me this is a real shit! You pay for your domain and you should have the full rights over it.

I mean you should be allowed to set whatever DNS domain name even, if it's not an existing one and they shouldn't bother you with stupid DNS domain name registrations in stupid Verisign GRS databases and so on!

Now you probably wonder what is the required steps to take to be able to register the domain in that Verisign GRS database in order to be able to set your **ns1.mydomain.com** as a default DNS server for your **mydomainname.com**.

Well you have to contact your domain registrar, let's say gigaspark.com.

You log to your account on tucowsdomains for your domain mydomain.com ... then you find something similar to: "register a nameserver" among the overall menus options.

Then you have to register your nameserver **ns1.mydomain.com**. Then you wait between 24 up to 48h and then you have to test if your NS has already properly entered the Verisign GRS database you have to visit on [Verisign GRS Whois](#) .

Hopefully the guys from Verisign GRS would approve your DNS host to enter there database and then at last you might be able to set in your DNS host as a preferred DNS for your (.net) / (.com?) domain name. So go back to gigaspark's slovenian interface and try changing the DNSes once again! If you're lucky with God's help (for sure), you would be at last be successful in setting your BIND name server as a primary DNS.