

1.9 Nameservice

Step-By-Step: How To use DNSSEC with a Joker.com Domain and a DNS Hosting Provider

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This is about:

- you want to use [DNSSEC](#) with domains from Joker.com
- you are using an **external name service**, like from a service provider, or your own

(please note: Joker.com does also provide **DNSSEC with the regular Joker.com name service**, free of charge! Please find more details at [DNSSEC Support](#))

To make this work, the domain has to be "linked" to the external name service:

1. Set up the DNS zone and records at the DNS hosting provider

Each DNS hosting provider has its own web interface and system for adding records.

Here you have to create the zone records you need, like A records to add IPv4 addresses to a host name.

2. Still at the DNS hosting provider,

sign the domain with DNSSEC. This of course requires, that your DNS provider does support DNSSEC.


The end result is that you have a **signed domain with a DS record**. You will need this information (DS record) later at Joker.com.

3. At Joker.com,

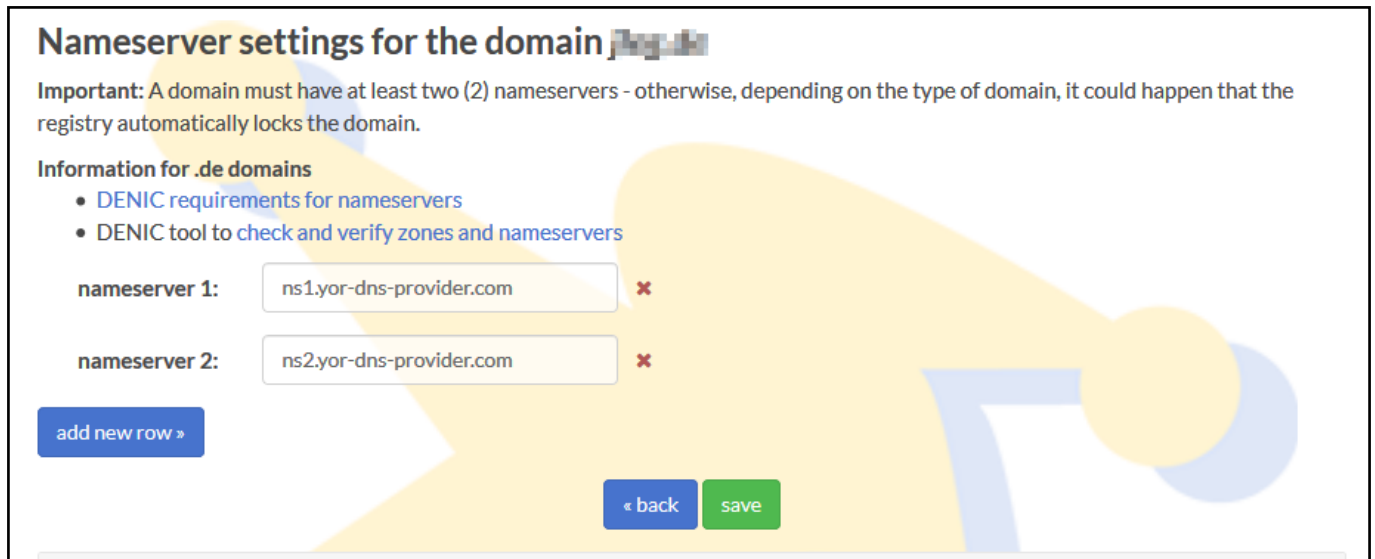
change the name server records for the domain to point to the name servers of the DNS

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hosting provider:

- visit Joker.com, "[My domains](#)"
- click on "**Modify**" for the domain you want to have DNSSEC
- click on '  ' at section '**Nameservers**' to edit these
- click on "**Use custom name servers**"

It should look like this now:



Nameserver settings for the domain [joker.com](#)

Important: A domain must have at least two (2) nameservers - otherwise, depending on the type of domain, it could happen that the registry automatically locks the domain.

Information for .de domains

- [DENIC requirements for nameservers](#)
- [DENIC tool to check and verify zones and nameservers](#)

nameserver 1: ✘

nameserver 2: ✘

[add new row >](#)

[back](#) [save](#)

This change may take some time to propagate through the larger DNS infrastructure. Until the name server change has fully propagated, people may still see DNS records coming from the previous name servers.

At this point you have a domain signed with DNSSEC at the DNS hosting provider, and you have changed the records at Joker.com to point to the name servers of the DNS hosting provider.

Almost done!

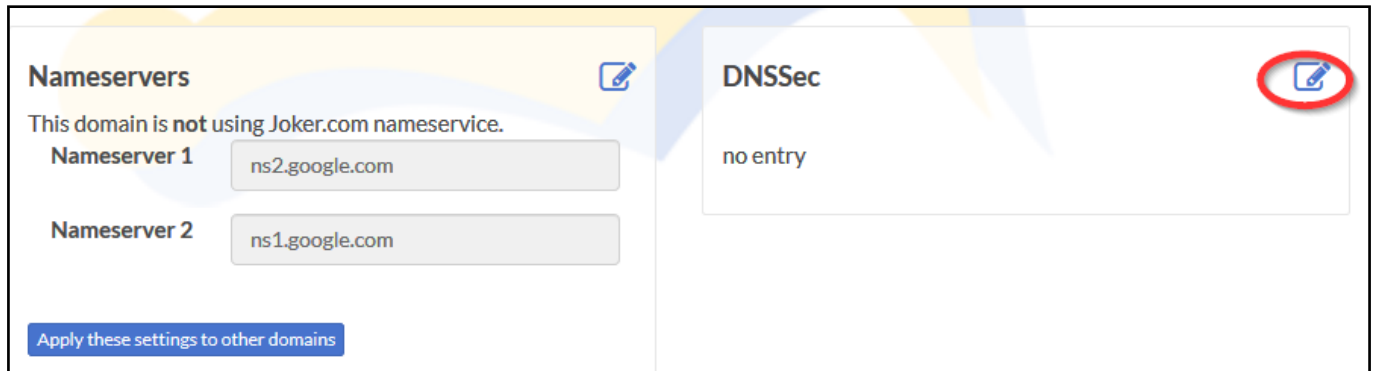
If you now run your domain through the [DNSSEC analyzer tool](#), you will still see a problem: "**No DS records found**"

This means, you still have to create a so called **Delegation Signer (DS)** record at **Joker.com**.

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4. Create DS record at Joker.com


- again, visit Joker.com, "[My domains](#)"
- You will now find your name servers listed, and a DNSSEC section:



The screenshot shows a web interface with two main sections: "Nameservers" and "DNSSec".

Nameservers: This section has a title "Nameservers" and a sub-header "This domain is not using Joker.com nameservice." Below this, there are two input fields: "Nameserver 1" containing "ns2.google.com" and "Nameserver 2" containing "ns1.google.com". At the bottom of this section is a blue button labeled "Apply these settings to other domains".

DNSSec: This section has a title "DNSSec" and the text "no entry" below it. A red circle highlights a blue pencil icon in the top right corner of this section, indicating where to click to edit the DNSSEC settings.

- click on '  ' at section **DNSSEC**
- it will then look like this - please check if the information corresponds with what you got in step 2) above:

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Secure DNS (DNSSEC)

Change or create DNSSEC settings to be used for the domain XXXXXXXXXX

You can enter up to 6 DNSSEC record sets.

Example:

alg: 5
digest: AFE249392848D0458B3967BA1EE9BDEA6C3ECB43
digest type: 1
keytag: 38698

(please find more information here: <https://www.internetsociety.org/deploy360/dnssec/>)

Record 1:

remove

alg:

digest:

digest type:

keytag:

more >

« back

delete all

save

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Press "save", and you are done - DNSSEC is enabled on your domain.

5. Finally, verify that DNSSEC works

using a tool such as Verisign Labs' [DNSSEC Analyzer](#). It should show nice green check marks now - but please keep in mind, that your changes will take some time until they become active.

Having followed these steps, you have DNSSEC working on a domain registered with Joker.com, using name servers from an external name service provider.

Meanwhile there is good news: **You now also are able to use DNSSEC with the regular Joker.com name servers** as well, free of charge! This of course is probably much simpler for you, since you do not have to maintain external name server records, and you can make use of DNSSEC fully integrated into Joker.com's web portal.

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Author: Admin

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