

## What is DNSSEC and how do I use it ? (manual installation)

- 2021-11-17 - Extra υπηρεσίες

DNSSEC (Domain Name System Security Extensions) adds additional security to your domain names by adding digital signatures to their Domain Name System (DNS) information.

This means that when a user types an DNSSEC-enabled address, the response he receives, that is, the site to which he is redirected to, is verified for his authenticity.

To enable DNSSEC for any of TLD's supported in Papaki, you will need to enter specific DS (Delegation of Signing) records, which include DNS (Domain Name System) digital information. The information you need to enter to pass the appropriate registrations to your Domain Names can be obtained from your DNS provider if it supports DNSSEC.

1. Once you have the DNS service enabled, log in to Papaki's control panel, click on the desired domain and select Edit next to Nameservers.

The screenshot shows the 'DOMAIN NAME MANAGER' interface. At the top, there is a search bar for domains and a 'MANAGE' button. Below this, a domain is listed with its expiration date (21/01/2022) and a 'Renew' link. A row of icons provides actions: Nameservers, Renew, Forward, Security Pin, and More Actions. A yellow banner indicates the domain was registered on 21 Jan 2011 and expires in 316 days. At the bottom, there are two main sections: 'Nameservers' with an '(Edit)' link and a list of nameservers (ns188.papaki.gr, ns288.papaki.gr), and 'Domain Folders' with an '(Edit)' link and a message stating 'Domain name doesn't belong to a folder'. A blue box on the left says 'Image queued'.

2. In the new dialog box, click on Manage DNSSEC (DS Records).

Nameservers ✕

### Manage Nameservers (ippokratis.com)

ippokratis.com → Manage DNSSEC (DS Records)

- Please insert the nameservers of your option to the selected domain names.
- If you wish to create your own nameservers, insert them at the following fields and click 'Continue'. At the next page you will be asked to insert the nameservers IPs
- If you want to delete nameservers, just delete their address and click continue.

1.	<input type="text" value="ns...papaki.gr"/>	or	<input type="text" value="[Select from the existing Nameserves]"/>	▼
2.	<input type="text" value="ns...papaki.gr"/>	or	<input type="text" value="[Select from the existing Nameserves]"/>	▼
3.	<input type="text"/>	or	<input type="text" value="[Select from the existing Nameserves]"/>	▼
4.	<input type="text"/>	or	<input type="text" value="[Select from the existing Nameserves]"/>	▼

[+ Add](#)

[Continue](#)

3. Select Add New DS Registration. In the Key Tag, Algorithm and Digest or Public Key fields (it depends on your domain's TLD), fill in the information provided by your Hosting provider and click on Import.

Note: For security reasons, we would like to inform you that algorithms 3-7 versions is no longer be supported by our infrastructure since they use SHA-1 hashing and it is not secure. We use algorithms 8 & 13 versions.

Nameservers ✕

### Manage DNSSEC (DS Records)

ippokratis.com [Return to Manage Nameservers](#)

Key Tag	Algorithm	Digest	Public Key
No DS records found.			

**+ Add New DS Record**

Key Tag ⓘ:

Algorithm ⓘ: RSA-SHA256 (8)

Digest ⓘ:

Public Key ⓘ:

**→ ADD**

2. Ensure that fields 1 and 2 are filled with your domain's nameservers and select Continue.

Nameservers ✕

[manage-dnssec\(ippokratis.com\)](#)

- Please insert the nameservers of your option to the selected domain names.
- If you wish to create your own nameservers, insert them at the following fields and click 'Continue'. At the next page you will be asked to insert the nameservers IPs
- If you want to delete nameservers, just delete their address and click continue.

1.  or [Select from the existing Nameserves]

2.  or [Select from the existing Nameserves]

3.  or [Select from the existing Nameserves]

4.  or [Select from the existing Nameserves] + Add

**Continue**

3. After doing all of the above, it will take up to 48 hours to update the service.

[Here](#) you can find the automated way of installing the DNSSEC.