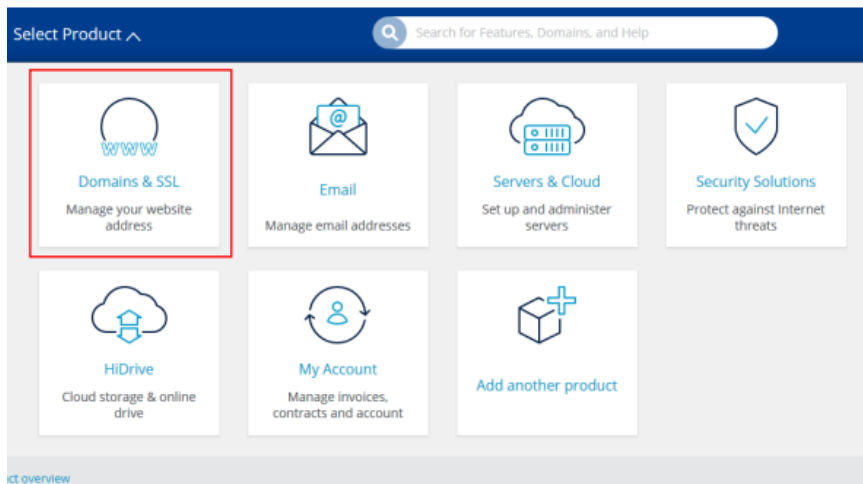


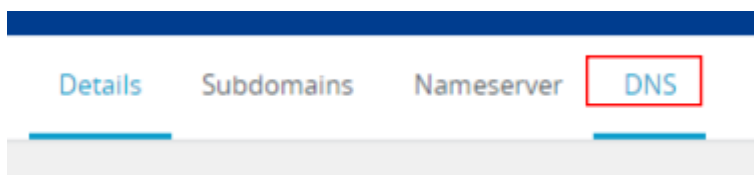
Using plesk mail to set up your own mail server:

This will split into two areas, first I will show you how to set the server up for mail then the domain,

First thing to do is set an A record for server on your main domain:



Go to the domain and select DNS:



A Record:



Point the server.domain to the server

The image shows the 'A' record configuration form in Plesk. It has a clean, modern design with a light gray background. The form includes the following elements:

- Type:** A dropdown menu showing 'A'.
- Host Name:** A text input field containing the word 'server'.
- Points to:** A text input field containing the IP address '77.68.23.200'.
- TTL:** A dropdown menu showing '1 hour'.
- Preview:** A section at the bottom showing a preview of the record: 'server.guideplanet.co.uk 3600 IN A 77.68.23.200'.
- Buttons:** Two buttons at the bottom: 'Cancel' (light blue) and 'Save' (dark blue).

Set up reverse DNS:

The screenshot shows the 'Public IP' configuration page in the Infrastructure section. The left sidebar has 'Public IP' highlighted. The main table lists the IP 77.68.23.200 with a green status dot and reverse DNS 'server.healthyminded.co.uk'. Below the table, the 'Configuration' section shows the reverse DNS field with an edit icon. A modal dialog at the bottom shows the 'Reverse DNS lookup' field with 'server.domain.co.uk' and 'Assign DNS' button.

Infrastructure

- Servers
- Images
- Network
- Firewall Policies
- Public IP**

IP	Status	Reverse DNS	Assigned to	Data centre
77.68.23.200	●	server.healthyminded.co.uk	Cloud Server 0	UK

77.68.23.200
Enter a description.

Configuration

DNS Reverse DNS:

77.68.23.200	server.healthyminded.co.uk	
--------------	----------------------------	--

Assigned to: Cloud Server 0

Data centre: United Kingdom

Created on: 28/05/2019 00:56:18

Reverse DNS lookup: server.domain.co.uk

Unassign DNS Assign DNS

Set up the firewall for mail:



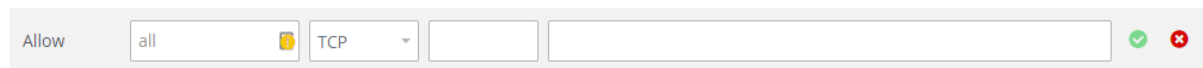
Add the following records to the firewall:

Allow, IP: All, Protocol: TCP, Port: 25

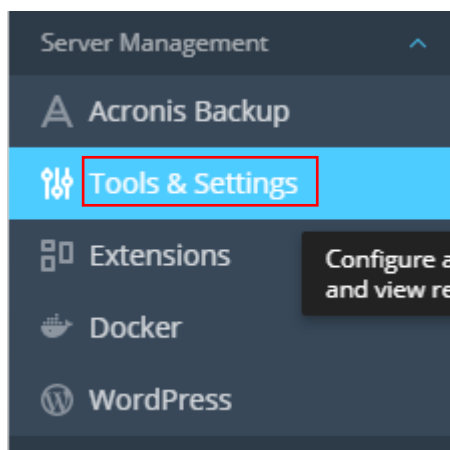
Allow, IP: All, Protocol: TCP, Port: 465

Allow, IP: All, Protocol: TCP, Port: 587

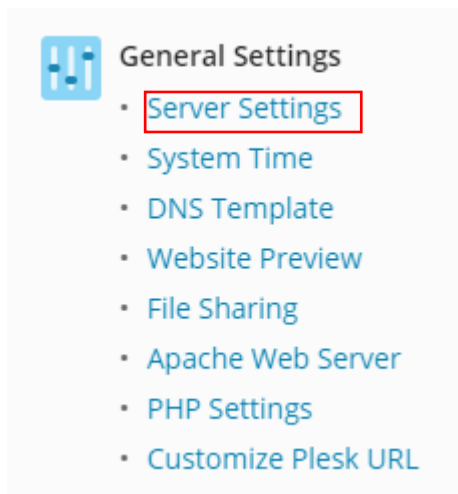
Allow, IP: All, Protocol: TCP, Port: 993



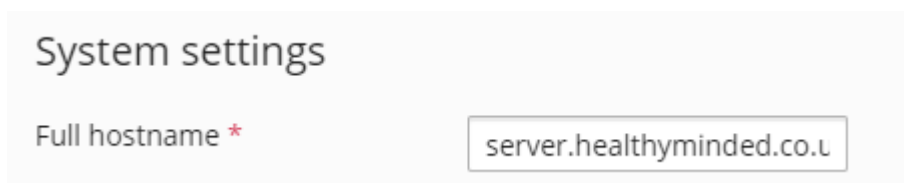
Set up the server HostName go to plesk Tools and Settings:



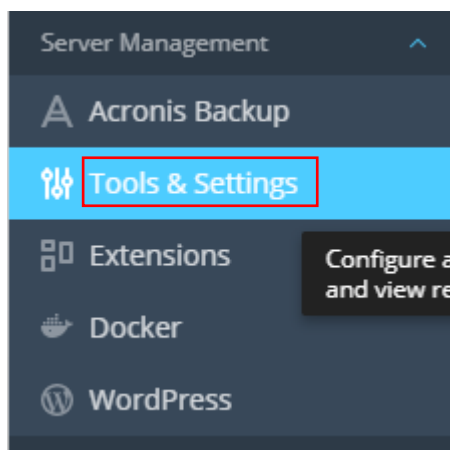
Server settings:



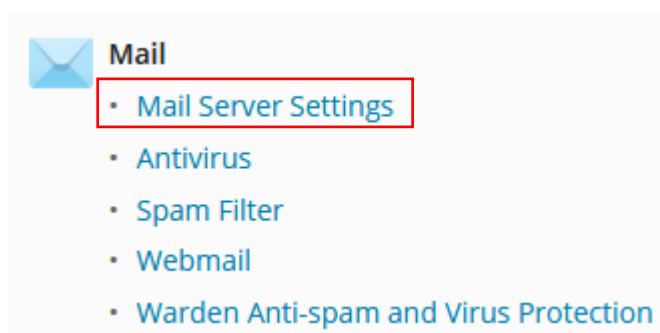
Set hostname to server.domain.com:



DMARC and DKIM, Go to plesk Tools and Settings:



Select Mail Server Settings:



Scroll down and tick all the following box's then to the bottom and save:

DMARC

Enable DMARC to check incoming mail

☒

This option is available when DKIM and SPF are switched on for incoming mail.

DKIM spam protection

Allow signing outgoing mail

☒

Verify incoming mail

☒

This option cannot be switched off while DMARC is switched on for incoming mail.

You have now set the server up for mail, one step left, if you haven't already got it unblocked port 25 outgoing will be blocked for security reasons, you need to call Ionos: 03333365327 to get this unblocked, only do this when the above is complete.

Now setting up each domain for mail:

Set an A record for mail, webmail and a mx record on your domain:

A Assign an IPv4 address for your domain or subdomain. >

Point the mail.domain to the server IP address

Repeat and do webmail.domain

Type **A**

Host Name

Points to

TTL

Preview mail.guideplanet.co.uk 3600 IN A 77.68.23.200

Cancel

Save

Type **A**

Host Name

Points to

TTL

Preview webmail.guideplanet.co.uk 3600 IN A 77.68.23.200

Cancel

Save

Now add record, MX:

MX Assign mail server for your domain or subdomain. >

Host: @ Points to: mail.domain

Type MX

Host Name

Points to

Priority

TTL

Preview guideplanet.co.uk 3600 IN MX 10
mail.guideplanet.co.uk

[Cancel](#) [Save](#)

SPF, Go to your domain DNS settings and click add record, select SPF (TXT):

SRV	Define a service connection for your domain, such as Jabber or Lync.	>
SPF (TXT)	Define Sender Policy Framework (SPF) record for your domain.	>
TXT	Add textual data to your domain or subdomain, such as DMARC or DKIM information.	>

Fill out hostname: "@" and Value: "v=spf1 mx a ~all" click save

Type SPF (TXT)

Host Name

Weighting ☐ Softfail ☐ Hardfail ☒ Custom

Value

TTL

Preview webnitix.com 3600 IN TXT "v=spf1 mx a ~all"

[Cancel](#) [Save](#)

DMARC, Go to your domain DNS settings and click add record, select TXT:

SRV	Define a service connection for your domain, such as Jabber or Lync.	>
SPF (TXT)	Define Sender Policy Framework (SPF) record for your domain.	>
TXT	Add textual data to your domain or subdomain, such as DMARC or DKIM information.	>

Fill out hostname: “_dmarc” and Value: “v=DMARC1; p=none” click save

Type

TXT

Host Name

Value

TTL

Preview

_dmarc.webnitix.com

3600

IN

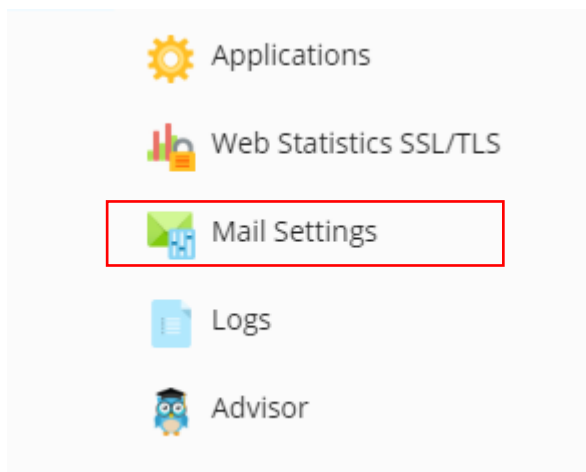
TXT

"v=DMARC1; p=none"

Cancel

Save

Head back to plesk, go to the domain and select mail settings:



Replicate these settings, making sure “Activate mail service on this domain” and “Use DKIM spam protection system to sign outgoing email messages” is ticked

The screenshot shows the 'Mail Settings' tab in the Plesk control panel. At the top, it says 'This is where you can change the mail service settings for this domain.' Below this, there are several configuration options:

- ☒ Activate mail service on this domain
- What to do with mail for non-existent users *:
 - ☐ Bounce with message (with a text area containing 'This address no longer accepts mail.')
 - ☐ Forward to address (with a text field containing 'dev@webnitix.com')
 - ☒ Reject
- Webmail: Roundcube (1.4.8) [dropdown]
- SSL/TLS certificate for webmail: Lets Encrypt guideplanet.co.uk [dropdown]
- SSL/TLS certificate for mail: Lets Encrypt guideplanet.co.uk [dropdown]
- ☒ Use DKIM spam protection system to sign outgoing email messages
- ☒ Enable mail autodiscover (with a link to 'See how it works in the knowledge base')

At the bottom, there is a legend for '* Required fields' and three buttons: 'OK', 'Apply', and 'Cancel'.

Then click email address:

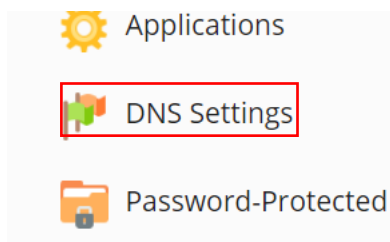
This screenshot shows the top of the Plesk interface with two tabs: 'Email Addresses' and 'Mail Settings'. The 'Email Addresses' tab is highlighted with a red rectangular box.

Create an email address:

The screenshot shows the 'Email Addresses' management page. It has a header with 'Email Addresses' and 'Mail Settings' tabs. Below the header, there is a description: 'Create and manage email accounts associated with your domains. For each email address, you can set up an auto-reply, and mail forwarding to one or several email addresses. You can also create aliases, and mail forwarding to one or several email addresses. You can also create aliases, and mail forwarding to one or several email addresses.' Below this description, there are three buttons: 'Create Email Address' (highlighted with a red box), 'Refresh Usage Stats', and 'Remove'. At the bottom, it says 'No items found.'

Customise this how you need it to be, create it, then go to webmail.domain.com and you will be able to log into your mail. Once confirmed go back to plesk and click Ok.

DKIM, click onto DNS settings



You will see a record called default._domainkey.domain.com, copy the value from here, it should look like this:

```
default._domainkey.webnix.com. TXT v=DKIM1; p=MIGfMA0GCSqGSIb3DQEBAQUAA4GNADCBiQKBgQCISY2HawXjIsnAksOnieKbzCHQov87yslzt4y2pp68dxMpzlvT7w14AsUPz79OpOmGh/K2orYCAI5kkrdMNMdr2Wn1OnmCeTKIDN8jZeHXZv4lwR5P3Y4kUirJcWLo4sSpA0dvIFA1GWeMrVmx7ylkpzhfukdMys5GyCNzwIDAQAB;
```

Zoomed in:

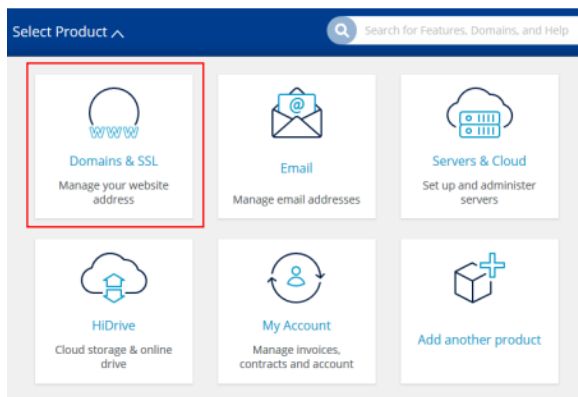
```
v=DKIM1; p=MIGfMA0GCSqGSIb3DQEBAQUAA4GNADCBiQKBgQCISY2HawXjIsnAksOnieKbzCHQov87yslzt4y2pp68dxMpzlvT7w14AsUPz79OpOmGh/K2orYCAI5kkrdMNMdr2Wn1OnmCeTKIDN8jZeHXZv4lwR5P3Y4kUirJcWLo4sSpA0dvIFA1GWeMrVmx7ylkpzhfukdMys5GyCNzwIDAQAB;
```

Copy this long text of code in full.

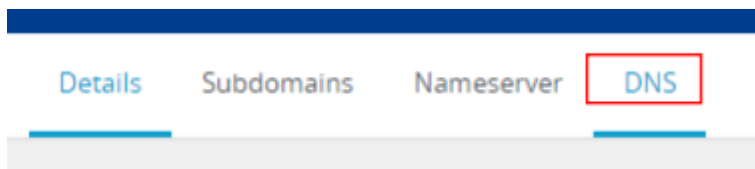
Mine for example here was:

```
v=DKIM1;
p=MIGfMA0GCSqGSIb3DQEBAQUAA4GNADCBiQKBgQCISY2HawXjIsnAksOnieKbzCHQov87y
slstzt4y2pp68dxMpzlvT7w14AsUPz79OpOmGh/K2orYCAI5kkrdMNMdr2Wn1OnmCeTKIDN
8jZeHXZv4lwR5P3Y4kUirJcWLo4sSpA0dvIFA1GWeMrVmx7ylkpzhfukdMys5GyCNzwIDAQAB;
```

Now go to the domains DNS settings in your IONOS panel



Go to the domain and select DNS:



DKIM, click add record, select TXT:

SRV	Define a service connection for your domain, such as Jabber or Lync.	>
SPF (TXT)	Define Sender Policy Framework (SPF) record for your domain.	>
TXT	Add textual data to your domain or subdomain, such as DMARC or DKIM information.	>

Fill out hostname: "default._domainkey" and paste the copied code into Value then click save

Type

TXT

Host Name

default._domainkey

Value

v=DKIM1;k=rsa; p=MIGfMA0GCSqGSIb3E...

TTL

1 hour

Preview

default._domainkey.webniti.com 3600 IN TXT
"v=DKIM1;k=rsa;
p=MIGfMA0GCSqGSIb3DQEBAQUAA4GNADCBiQ...
I8SonKGN5BBgimChx6k6l7s1UqeCzaHpKXKLIY4...
Hg1a2lsatt/gCj2pl61a+uALM1oRdgPhxPYefloFpi0...
dvFIVu0MULsWDDJfwIDAQAB;"

Cancel

Save

To set up the email address on a client look at these guides:

Server names/host names would be mail.domain.com for all of these:

Outlook:

<https://support.plesk.com/hc/en-us/articles/115000424274--How-to-add-a-Plesk-email-account-in-Outlook#:~:text=In%20Outlook%2C%20click%20File%20%3E%20Add%20Account.,Click%20Next.&text=In%20the%20Incoming%20mail%20server,for%20securing%20the%20mail%20server.>

Android phone:

<https://docs.plesk.com/en-US/obsidian/reseller-guide/75211/>

Iphone:

<https://docs.plesk.com/en-US/onyx/customer-guide/quick-start-with-plesk/set-up-mail-accounts/2-access-your-mailbox/access-from-iphone.75203/>

Mac Mail:

<https://kb.layershift.com/how-to-configure-plesk-mail-in-mac>

These guides are not ours and others can be found by searching them on the internet