

What Is a TXT Record in DNS and What It Is Used For

WHAT IS THE TXT RECORD?

Any text information can be stored in the TXT record. TXT corresponds to the abbreviation for Text.

With TXT records, you can verify the domain name property rights for some services. The SPF, DK, DKIM and DMARC keys are published in TXT records.

A domain name may have several TXT records.

QUERYING TXT RECORD

For example, you can use the nslookup command in Windows to access record TXT, while under Linux the host command.

Example of a Windows-based nslookup query:

```
nslookup -q=TXT dotroll.com
Server: google-public-dns-a.google.com
Address: 8.8.8.8

Non-authoritative answer:
dotroll.com text =

    "google-site-verification=NMkDYF4JGT5YCQTQKfHvfBTFeg_TOfsYjZlowHSpKFU"
dotroll.com text =

    "yandex-verification: 66da9e054ee4bea9"
dotroll.com text =

    "v=spf1 mx a:staffmx.dotroll.com a:staffmx1.dotroll.com ip4:80.77.113.20 ip4:80.77.113.30
ip4:185.33.52.53 a:admin.dotroll.com a:online1.int.dotroll.com ~all"
```

Example of Linux based host query:

```
host -t TXT dotroll.com
```

```
dotroll.com descriptive text "v=spf1 mx a:staffmx.dotroll.com a:staffmx1.dotroll.com ip4:80.77.113.20  
ip4:80.77.113.30 ip4:185.33.52.53 a:admin.dotroll.com a:online1.int.dotroll.com ~all"
```

```
dotroll.com descriptive text "google-site-verification=NMkDYF4JGT5YCQTQKfHvfBTFeg_TOfsYjZlowHSpKFU"
```

```
dotroll.com descriptive text "yandex-verification: 66da9e054ee4bea9"
```

TXT RECORD FORMAT

Fields name	Description
Name	this field contains the domain or subdomain name.
TTL	this field contains record lifetime in seconds. This is the time until the entry is stored in the resolver.
TXT record	contains the text

ADDING TXT RECORD

1. Sign in with <https://admin.dotroll.com> with your username and password
2. In the top menu bar, click the **Domains / My Domains** menu.
3. Select the domain name for which you want to make the change and then click on it.
4. In the **Manage** box on the left, select **Manage DNS**.
5. At the bottom of the page, click **Add**.
 - In the first field, you can enter a subdomain name, or leave blank
 - the TTL value can be selected in the second field, but typically the default is 1 hour
 - select **TXT** from the next drop-down list.
 - enter the text in the last field.
6. Then click **Save Changes**.

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