

**NAME**

Net::DNS::SEC::Tools::defaults – DNSSEC–Tools default values.

**SYNOPSIS**

```
use Net::DNS::SEC::Tools::defaults;

%defs = dnssec_tools_alldefaults();

$defalg = dnssec_tools_default("algorithm");

$cz_path = dnssec_tools_default("zonecheck");

$ksklife = dnssec_tools_default("ksklife");

@default_names = dnssec_tools_defnames();
```

**DESCRIPTION**

This module maintains a set of default values used by DNSSEC-Tools programs. This allows these defaults to be centralized in a single place and prevents them from being spread around multiple programs.

**INTERFACES**

*dnssec\_tools\_alldefaults()*

This interface returns a copy of all the DNSSEC-Tools defaults in a hash table.

*dnssec\_tools\_default(*default*)*

This interface returns the value of a DNSSEC-Tools default. The interface is passed *default*, which is the name of a default to look up. The value of this default is returned to the caller.

*dnssec\_tools\_defnames()*

This interface returns the names of all the DNSSEC-Tools defaults. No default values are returned, but the default names returned by *dnssec\_tools\_defnames()* may then be passed to *dnssec\_tools\_default()*.

**DEFAULT FIELDS**

The following are the defaults defined for DNSSEC-Tools.

**admin-email**

This default holds the default email address for the DNSSEC-Tools administrator.

**archivedir**

This default holds the default directory in which keys will be archived.

**algorithm**

This default holds the default encryption algorithm.

**enddate**

This default holds the default zone life, in seconds.

**entropy\_msg**

This default indicates whether or not *zonesigner* should display an entropy message.

**keygen**

This default holds the path to the key-generation program.

**keygen-opts**

This default hold a set of options for the key-generation program.

**kskcount**

This default holds the default number of KSK keys to generate for a zone.

**ksklength**

This default holds the default length of a KSK key.

**ksklife**

This default holds the default lifespan of a KSK key. This is only used for determining when to rollover the KSK key. Keys otherwise have no concept of a lifespan. This is measured in seconds.



**mailer-server**

The mail server that will be contacted by `dt_adminmail()`. This is passed to `Mail::Send`.

**mailer-type**

The type of mailer that will be contacted by `dt_adminmail()`. This is passed to `Mail::Mailer` (by way of `Mail::Send`.) Any values recognized by `Mail::Mailer` may be used here.

**revperiod**

This default holds the default revocation period of a KSK key. This is the minimum period of time a revoked KSK is required to remain in the signing set so that it is properly observed by resolvers. This is measured in seconds.

**lifespan-max**

This default is the maximum lifespan of a key.

**lifespan-min**

This default is the minimum lifespan of a key.

**log\_tz**

This default is the timezone to be used in log-message timestamps.

**random**

This default holds the default random number generator device.

**rndc**

This default is the default path of the BIND **rndc** program.

**roll\_loadzone**

This default is flag indicates if **rollerd** should have the DNS daemon reload its zones.

**roll\_logfile**

This default is the path to **rollerd**'s log file.

**roll\_loglevel**

This default is the default logging level for **rollerd**.

**roll\_sleeptime**

This default holds the default sleep time used by the **rollerd** rollover daemon.

**savekeys**

This default indicates whether or not keys should be deleted when they are no longer in use.

**tacontact**

This is merely a placeholder for the contact information. There is no useful default value for this.

**tadnsvalconffile**

This default specifies the path of the **dnsval** configuration file.

**tanamedconffile**

This default specifies the path of the **named** configuration file.

**taresolvconf**

This default specifies the path to the DNS **resolv.conf** file.

**tasleepetime**

This default holds the default value for how long the daemon should sleep.

**tasmtptserver**

This default specifies the name of the SMTP server.

**tatmpdir**

This default specifies the location of **trustman**'s temporary directory.

**usegui**

This default indicates whether or not the DNSSEC-Tools GUI should be used for option entry.

**zone\_errors**

This default holds the maximum number of consecutive errors a particular zone may have before it is changed to be a *skip* zone.



**zonecheck**

This default holds the path to the zone-verification program.

**zonecheck-opts**

This default hold a set of options for the zone-verification program.

**zonesign**

This default holds the path to the zone-signing program.

**zonesign-opts**

This default hold a set of options for the zone-signing program.

**zskcount**

This default holds the default number of ZSK keys to generate for a zone.

**zsklength**

This default holds the default length of the ZSK key.

**zsklife**

This default holds the default lifespan of the ZSK key. This is only used for determining when to rollover the ZSK key. Keys otherwise have no concept of a lifespan. This is measured in seconds.

**DNSSEC-TOOLS PROGRAM FIELDS**

The following are the defaults holding the paths to the DNSSEC-Tools programs.

**blinkenlights**

This default holds the path to the DNSSEC-Tools **blinkenlights** program.

**cleanarch**

This default holds the path to the DNSSEC-Tools **cleanarch** program.

**cleankrf**

This default holds the path to the DNSSEC-Tools **cleankrf** program.

**dtconf**

This default holds the path to the DNSSEC-Tools **dtconf** program.

**dtconfchk**

This default holds the path to the DNSSEC-Tools **dtconfchk** program.

**dtdefs**

This default holds the path to the DNSSEC-Tools **dtdefs** program.

**dtinitconf**

This default holds the path to the DNSSEC-Tools **dtinitconf** program.

**expchk**

This default holds the path to the DNSSEC-Tools **expchk** program.

**fixkrf**

This default holds the path to the DNSSEC-Tools **fixkrf** program.

**genkrf**

This default holds the path to the DNSSEC-Tools **genkrf** program.

**getdnskeys**

This default holds the path to the DNSSEC-Tools **getdnskeys** program.

**keyarch**

This default holds the path to the DNSSEC-Tools **keyarch** program.

**krfcheck**

This default holds the path to the DNSSEC-Tools **krfcheck** program.

**lskrf**

This default holds the path to the DNSSEC-Tools **lskrf** program.

**lsroll**

This default holds the path to the DNSSEC-Tools **lsroll** program.



**rollchk**

This default holds the path to the DNSSEC-Tools **rollchk** program.

**rollctl**

This default holds the path to the DNSSEC-Tools **rollctl** program.

**rollerd**

This default holds the path to the DNSSEC-Tools **rollerd** program.

**rollinit**

This default holds the path to the DNSSEC-Tools **rollinit** program.

**rolllog**

This default holds the path to the DNSSEC-Tools **rolllog** program.

**rollrec-editor**

This default holds the path to the DNSSEC-Tools **rollrec-editor** program.

**rollset**

This default holds the path to the DNSSEC-Tools **rollset** program.

**signset-editor**

This default holds the path to the DNSSEC-Tools **signset-editor** program.

**tachk**

This default holds the path to the DNSSEC-Tools **tachk** program.

**timetrans**

This default holds the path to the DNSSEC-Tools **timetrans** program.

**trustman**

This default holds the path to the DNSSEC-Tools **trustman** program.

**zonesigner**

This default holds the path to the DNSSEC-Tools **zonesigner** program.

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