NAME

zkt−ls — list dnskeys

SYNOPSYS

zkt−ls −H

zkt−ls [**−V**|**--view** *view*] [**−c** *file*] [**−l** *list*] [**−adefhkLprtz**] [{*keyfile*|*dir*} ...]

zkt−ls −T [**−V**|**--view** *view*] [**−c** *file*] [**−l** *list*] [**−dhrz**] [{*keyfile*|*dir*} ...]
zkt−ls −−list-trustedkeys [**−V**|**--view** *view*] [**−c** *file*] [**−l** *list*] [**−dhrz**] [{*keyfile*|*dir*} ...]

zkt−ls −K [**−V**|**--view** *view*] [**−c** *file*] [**−l** *list*] [**−dhkrz**] [{*keyfile*|*dir*} ...]
zkt−ls −−list-dnskeys [**−V**|**--view** *view*] [**−c** *file*] [**−l** *list*] [**−dhkrz**] [{*keyfile*|*dir*} ...]

DESCRIPTION

The *zkt-ls* command list all dnssec zone keys found in the given or predefined default directory. It is also possible to specify keyfiles (K*.key) as arguments. With option **−r** subdirectories will be searched recursively and all dnssec keys found are listed, sorted by domain name, key type and generation time. In that mode the use of option **−p** may be helpful to find the location of the keyfile in the directory tree.

Other forms of the command, print out keys in a format suitable for a trusted-key section (**−T**) or as a DNSKEY (**−K**) resource record.

GENERAL OPTIONS

−V *view*, **−−view**=*view*
: Try to read the default configuration out of a file named *dnssec-<view>.conf* . Instead of specifying the −V or --view option every time, it is also possible to create a hard or softlink to the executable file to give it an additional name like *zkt-ls-<view>* .

−c *file*, **−−config**= *file*
: Read default values from the specified config file. Otherwise the default config file is read or build in defaults will be used.

−O *optstr*, **−−config-option**=*optstr*
: Set any config file option via the commandline. Several config file options could be specified at the argument string but have to be delimited by semicolon (or newline).

−l *list*, **−−label**=*list*
: Print out information solely about domains given in the comma or space separated list. Take care of, that every domain name has a trailing dot.

−d, **−−directory**
: Skip directory arguments. This will be useful in combination with wildcard arguments to prevent dnsssec-zkt to list all keys found in subdirectories. For example "zkt-ls -d *" will print out a list of all keys only found in the current directory. Maybe it is easier to use "zkt-ls ." instead (without -r set). The option works similar to the −d option of *ls(1)*.

−L, **−−left-justify**
: Print out the domain name left justified.

−k, **−−ksk**
: Select and print key signing keys only (default depends on command mode).

−z, **−−zsk**
: Select and print zone signing keys only (default depends on command mode).

−r, **−−recursive**
: Recursive mode (default is off).
Also settable in the dnssec.conf file (Parameter: Recursive).

−p, **−−path**
Print pathname in listing mode. In -C mode, don't create the new key in the same directory as (already existing) keys with the same label.

−a, **−−age**
Print age of key in weeks, days, hours, minutes and seconds (default is off).
Also settable in the dnssec.conf file (Parameter: PrintAge).

−f, **−−lifetime**
Print the key lifetime.

−e, **−−exptime**
Print the key expiration time.

−t, **−−time**
Print the key generation time (default is on).
Also settable in the dnssec.conf file (Parameter: PrintTime).

−h No header or trusted-key section header and trailer in -T mode

COMMAND OPTIONS

−H, **−−help**
Print out the online help.

−T, **−−list-trustedkeys**
List all key signing keys as a *named.conf* trusted-key section. Use **−h** to supress the section header/trailer.

−K, **−−list-dnskeys**
List the public part of all the keys in DNSKEY resource record format. Use **−h** to suppress comment lines.

SAMPLE USAGE

`zkt-ls -r .`
Print out a list of all zone keys found below the current directory.

`zkt-ls -Z -c ""`
Print out the compiled in default parameters.

`zkt-ls -T ./zonedir/example.net`
Print out a trusted-key section containing the key signing keys of "example.net".

`zkt-ls --view intern`
Print out a list of all zone keys found below the directory where all the zones of view intern live. There should be a seperate dnssec config file *dnssec-intern.conf* with a directory option to take affect of this.

`zkt-ls-intern`
Same as above. The binary file *zkt−ls* has another link, named *zkt−ls−intern* made, and *zkt−ls* examines argv[0] to find a view whose zones it proceeds to process.

ENVIRONMENT VARIABLES

ZKT_CONFFILE
Specifies the name of the default global configuration files.

FILES

/var/named/dnssec.conf
Built-in default global configuration file. The name of the default global config file is settable via the environment variable ZKT_CONFFILE.

/var/named/dnssec-<view>.conf
View specific global configuration file.

./dnssec.conf
Local configuration file (only used in **−C** mode).

BUGS

Some of the general options will not be meaningful in all of the command modes.
The option **−l** and the ksk rollover options insist on domain names ending with a dot.

AUTHORS

Holger Zuleger

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SEE ALSO

dnssec-keygen(8), dnssec-signzone(8), rndc(8), named.conf(5), zkt-conf(8), zkt-keyman(8), zkt-signer(8)
RFC4641 "DNSSEC Operational Practices" by Miek Gieben and Olaf Kolkman,
DNSSEC HOWTO Tutorial by Olaf Kolkman, RIPE NCC
(http://www.nlnetlabs.nl/dnssec_howto/)