

# Zone Management

This section describes common Zone Management activities in OpenDNSSEC.

The details of the command utilities shown below can be found [here](#).

## On this Page

- [Adding / Removing zones](#)
- [Updating an unsigned zone](#)

## Adding / Removing zones

Zones can be added and removed at will. If the optional parameters are not given, then it will default to the policy *default* and assume 'File' adaptors (input/output type) for both input and output with the (un)signed zones located in the `{prefix}/var/opendnssec/` subdirectories. More details on the zone add command can be found here: [ods-ksmutl zone add](#)

```
ods-ksmutl zone add --zone example.com
[--policy <policy> --signerconf <signerconf.xml> --input <input> --in-type <input type> --output <output> --
out-type <output type>]
ods-ksmutl zone delete --zone example.com
```

This command will report positively with a message like:

```
zonelist filename set to /etc/opendnssec/zonelist.xml.
SQLite database set to: /var/opendnssec/kasp.db
Imported zone: example.com
```

Using this command thousands of times might be slow since it also writes to `zonelist.xml`. Use `--no-xml` to stop this behavior. Then export the zonelist when you are finished:

```
ods-ksmutl zonelist export > zonelist.xml
```

Alternatively, you could manually edit the `zonelist.xml` and then give the command:


```
ods-ksmutl update zonelist
```

After zones are added, they will show up in your logs as follows:

```
ods-enforcerd: Zone example.com found.
ods-enforcerd: Policy for example.com set to default.
ods-enforcerd: Config will be output to /var/opendnssec/signconf/example.com.xml.
```

If you opened the latter file, you would find the settings that were applied to the zone at the time this file was added.

## Updating an unsigned zone

When you update the content of an unsigned zone you must tell the signer engine to re-read the unsigned zone file using the `ods-signer` command like this 

```
ods-signer sign example.com
```

This will also have the effect that the zone is scheduled for immediate resigning.