certbot.plugins.dns_common_lexicon module

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Internal class delegating to a module, and displaying warnings when attributes related to deprecated attributes in the current module.

class certbot.plugins.dns_common_lexicon.LexiconClient[source]
Bases: `object`

Encapsulates all communication with a DNS provider via Lexicon.

Deprecated since version 2.7.0: Please use certbot.plugins.dns_common_lexicon.LexiconDNSAuthenticator instead.

add_txt_record(*domain: str*, *record_name: str*, *record_content: str*) → None[source]
Add a TXT record using the supplied information.

Parameters:

- **domain** (*str*) – The domain to use to look up the managed zone.
- **record_name** (*str*) – The record name (typically beginning with '_acme-challenge.').
- **record_content** (*str*) – The record content (typically the challenge validation).

Raises:

errors.PluginError – if an error occurs communicating with the DNS Provider API

del_txt_record(*domain: str*, *record_name: str*, *record_content: str*) → None[source]
Delete a TXT record using the supplied information.

Parameters:

- **domain** (*str*) – The domain to use to look up the managed zone.
- **record_name** (*str*) – The record name (typically beginning with '_acme-challenge.').
- **record_content** (*str*) – The record content (typically the challenge validation).

Raises:

errors.PluginError – if an error occurs communicating with the DNS Provider API

certbot.plugins.dns_common_lexicon.build_lexicon_config(*lexicon_provider_name: str*, *lexicon_options: Mapping[str, Any]*, *provider_options: Mapping[str, Any]*) → None | dict[str, Any] [source]
Convenient function to build a Lexicon 2.x/3.x config object.

Parameters:

- **lexicon_provider_name** (*str*) – the name of the lexicon provider to use
- **lexicon_options** (*dict*) – options specific to lexicon
- **provider_options** (*dict*) – options specific to provider

Returns:
configuration to apply to the provider

Return type:
ConfigurationResolver or dict

Deprecated since version 2.7.0: Please use certbot.plugins.dns_common_lexicon.LexiconDNSAuthenticator instead.

class certbot.plugins.dns_common_lexicon.LexiconDNSAuthenticator(*config: NamespaceConfig*, *name: str*)[source]
Bases: `DNSAuthenticator`

Base class for a DNS authenticator that uses Lexicon client as backend to execute DNS record updates

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