

[Network Extension](#) / DNS settings

API Collection

DNS settings

Create and manage a system-wide DNS configuration that uses built-in encrypted DNS protocols.

Overview

With the DNS Settings feature in macOS and iOS, your app can create and manage a configuration that uses one of the built-in DNS protocols: DNS-over-TLS or DNS-over-HTTPS. The user must explicitly enable your configuration in order to use the server you specify.

Topics

Essentials

Network Extensions Entitlement

The APIs an app can use to customize networking features.

DNS configuration

`class NEDNSSettingsManager`

An object you use to create and manage a DNS settings configuration.

`class NEDNSOverHTTPSSettings`

The DNS resolver settings for a DNS-over-HTTPS server.

`class NEDNSOverTLSSettings`

The DNS resolver settings for a DNS-over-TLS server.

See Also

DNS configurations



DNS proxy provider

Create an on-device DNS proxy using a custom protocol.