

[Network Extension](#) / NETunnelProviderError

## Structure

# NETunnelProviderError

An error that the tunnel provider encounters.

iOS 9.0+ | iPadOS 9.0+ | Mac Catalyst 13.1+ | macOS 10.11+ | tvOS 17.0+ | visionOS 1.0+

```
struct NETunnelProviderError
```

## Topics

### Error information

`enum Code`

Error codes that the tunnel provider declares.

### Error codes

`static var networkSettingsInvalid: NETunnelProviderError.Code`

The provided tunnel network settings are invalid.

`static var networkSettingsCanceled: NETunnelProviderError.Code`

The request to set or clear the tunnel network settings was canceled.

`static var networkSettingsFailed: NETunnelProviderError.Code`

The request to set or clear the tunnel network settings failed.

## Type Properties

```
static var errorDomain: String
```

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# Relationships

## Conforms To

CustomNSError  
Equatable  
Error  
Hashable  
Sendable  
SendableMetatype