

[Wi-Fi Aware](#) / WAPublisherListener

Structure

WAPublisherListener

Configures a network listener to publish a service over Wi-Fi Aware and accept incoming connections from paired devices.

iOS 26.0+ | iPadOS 26.0+

```
struct WAPublisherListener
```

Overview

Devices can publish services for other Wi-Fi Aware devices to use by creating a Network Listener object from the [Network](#) framework, and passing in a `.wifiAware()` instruction indicating the `WAPublishableService` to provide, and the set of `WAPairedDevice` that can connect to the service. The code below configures the `NetworkListener` as a Wi-Fi Aware publisher by passing in a `.wifiAware()` instruction:

```
NetworkListener(for: .wifiAware( .connecting(to:service,  from:.selected(devices)) )
```

Topics

Configuring a listener

```
struct Action
```

The structure that configures the Wi-Fi Aware publisher operation that the network listener performs.

`struct Devices`

The structure that determines the devices to connect to.

`struct DatapathParameters`

The parameter that sets the initial Wi-Fi Aware data path configuration for any devices that are connected.

Creating publisher implementation details

`func configureParameters(NWParameters)`

Configures the provided parameters for a Wi-Fi Aware publish operation and connection.

`var service: NWListener.Service`

The service data for the Wi-Fi Aware publish operation.

`var isApplicationService: Bool`

A Boolean value that determines whether the devices are listening for an application service.

Relationships

Conforms To

ListenerProvider, Sendable, SendableMetatype

See Also

Publisher

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