

[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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