

[Wi-Fi Aware](#) / WAPublishableService

## Structure

# WAPublishableService

A service, hosted by your app, that remote devices can connect to.

iOS 26.0+ | iPadOS 26.0+

```
struct WAPublishableService
```

## Mentioned in

 [Adopting Wi-Fi Aware](#)

## Overview

You specify the services your app uses in `Info.plist` via a dictionary under the [WiFiAware Services](#) key:

- Each *key* in that dictionary is the full service name of a service, and the *value* is a dictionary of configuration properties for that service.
- If the configuration dictionary contains the `Publishable` key, the system creates a `WAPublishableService` is created for that service and makes it available in [allServices](#).

## Topics

### Selecting from your app's publishable services

```
static var allServices: [WAPublishableService.ID : WAPublishableService]  
]
```

A dictionary of all publishable services declared by your app, indexed by service name.

## Checking a service name and ID

```
typealias ID
```

The type of value that uniquely identifies the service.

```
var id: WAPublishableService.ID
```

A stable ID that can be used to identify this publishable service.

```
let name: String
```

The full name of the service, as sent over the air.

## Getting a string description

```
var description: String
```

A description of the service.

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# Relationships

## Conforms To

CustomStringConvertible  
Decodable  
Encodable  
Equatable  
Hashable  
Identifiable  
Sendable  
SendableMetatype  
WAService

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## See Also

## Services to discover

`protocol WService`

A protocol that defines a service that a device can publish or subscribe to.

`struct WSubscribableService`

A service your app discovers on remote devices and can connect to.