

[Wi-Fi Aware](#) / WAPerformanceMode

## Enumeration

# WAPerformanceMode

The performance mode that indicates what performance criterion to prioritize.

iOS 26.0+ | iPadOS 26.0+

```
enum WAPerformanceMode
```

## Overview

### Important

Each service must have the same WAPerformanceMode on both the `NetworkBrowser` (subscriber) and `NetworkListener` (publisher) sides of the connection, or the performance behavior is undefined. If not specified, the performance mode defaults to WAPerformanceMode.bulk on both sides.

## Topics

### Setting performance modes

```
case bulk
```

A mode that prioritizes throughput, power, and support for other concurrent Wi-Fi use cases and devices.

```
case realtime
```

A mode that prioritizes latency at the expense of throughput, power, and other concurrent Wi-Fi use cases and devices.

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## Relationships

### Conforms To

CaseIterable  
Decodable  
Encodable  
Equatable  
Hashable  
Sendable  
SendableMetatype

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## See Also

### Connection performance

`struct NWPath`

An object that contains information about the properties of the network that a connection uses, or that are available to your app.

`struct WAPath`

A representation of the current Wi-Fi Aware path.

`enum WAAccessCategory`

The underlying quality-of-service (QoS) the Wi-Fi layer uses to transmit data packets from a connection over the air.

`struct WAPerformanceReport`

The current performance state of the data path.