[**swift-idmef-transport** Documentation](file:///\\192.168.56.1\francois\projects\SECEF\work\swift-idmef-transport-library\doc\html\IDMEFServer\)

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# Structure IDMEFServer

public struct IDMEFServer

Server part of the IDMEF transport.

This implementation provides:

* IDMEF message reception over HTTP

## Initializers

### [init(port:​)](#idmefserver.init(port:))

public init(port: Int)

Initialize a IDMEFServer.

#### Parameters

| **Name** | **Type** | **Description** |
| --- | --- | --- |
| **port** | Int | the TCP port on which server will listen, for instance 9999 |

## Methods

### [start()](#idmefserver.start())

public func start()

Start the server loop.

This function is blocking and will loop forever.

When a JSON content is received, the JSON bytes are deserialized to a IDMEFObject and the created object is then validated against the JSON schema.

If valid, a HTTP "200 OK" response will be sent and the message will be printed. If not valid, a HTTP "500 Internal server error" response will be sent.

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