

[HummingbirdCore](#) / [HTTPServerBuilder](#) / `tls(_:configuration:)`

Type Method

# tls(\_:configuration:)

Build server supporting HTTP with TLS

```
static func tls(  
    _ base: HTTPServerBuilder = .http1(),  
    configuration: TLSChannelConfiguration  
) throws -> HTTPServerBuilder
```

## Parameters

### base

Base child channel to wrap with TLS

### configuration

TLS channel configuration

## Return Value

HTTPChannelHandler builder

## Discussion

Use in [Application](#) initialization.

This version of the function adds extra configuration including a custom verification callback which can be used to override the standard certificate verification.

```
let app = Application(  
  router: router,  
  server: .tls(.http1(), configuration: .init(  
    tlsConfiguration: tlsConfiguration,  
    customAsyncVerificationCallback: { certificates in .certificateVerifi  
  ))  
)
```

## See Also

### Server

`static func tls(HTTPServerBuilder, tlsConfiguration: TLSConfiguration) throws -> HTTPServerBuilder`

Build server supporting HTTP with TLS

`struct TLSChannel`

Sets up child channel to use TLS before accessing base channel setup