

Informatika, 2. maila

# Web Zerbitzaria

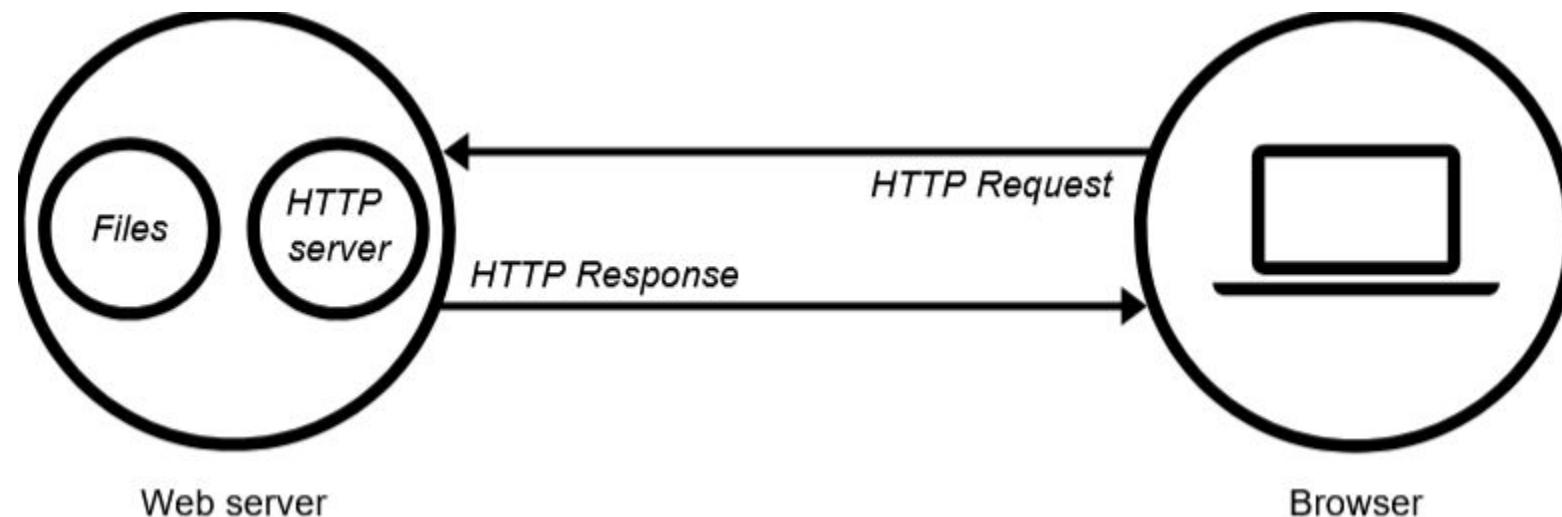
- 1. Deskribapena**
- 2. Instalazioa eta Konfigurazioa**
- 3. Web Gune Bat Sortu**
- 4. HTTPS Konfiguratu**

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# Deskribapena

# Deskribapena

- Seb zerbitzaria bezeroen eskaerei erantzuten dien programa informatikoa da.
- Eskaera hauek HTTP protokoloaren bidez egiten dira eta HTML dokumentuak, irudiak, bideoak eta bestelako fitxategiak eska ditzakete.
- Web zerbitzariaren lana eskaera hauei erantzutea eta eskatutako baliabideak bezeroari bidaltzea da



# Internet Information Services (IIS)

- Microsoft Windowsen web zerbitzaria da.



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## **Instalazioa eta konfigurazioa**

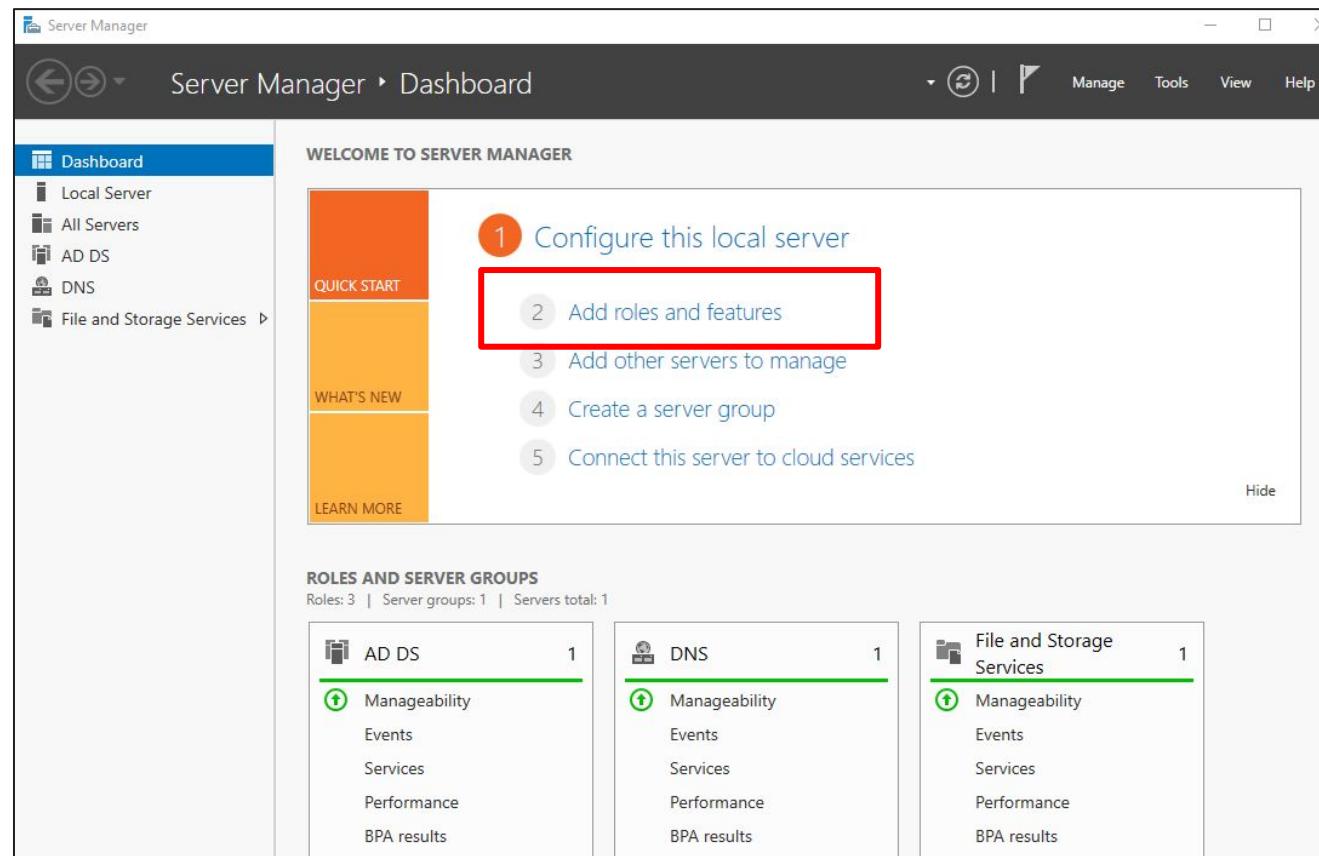
# Instalazioa eta konfigurazioa

- Instalatzeko bete beharreko baldintzak:

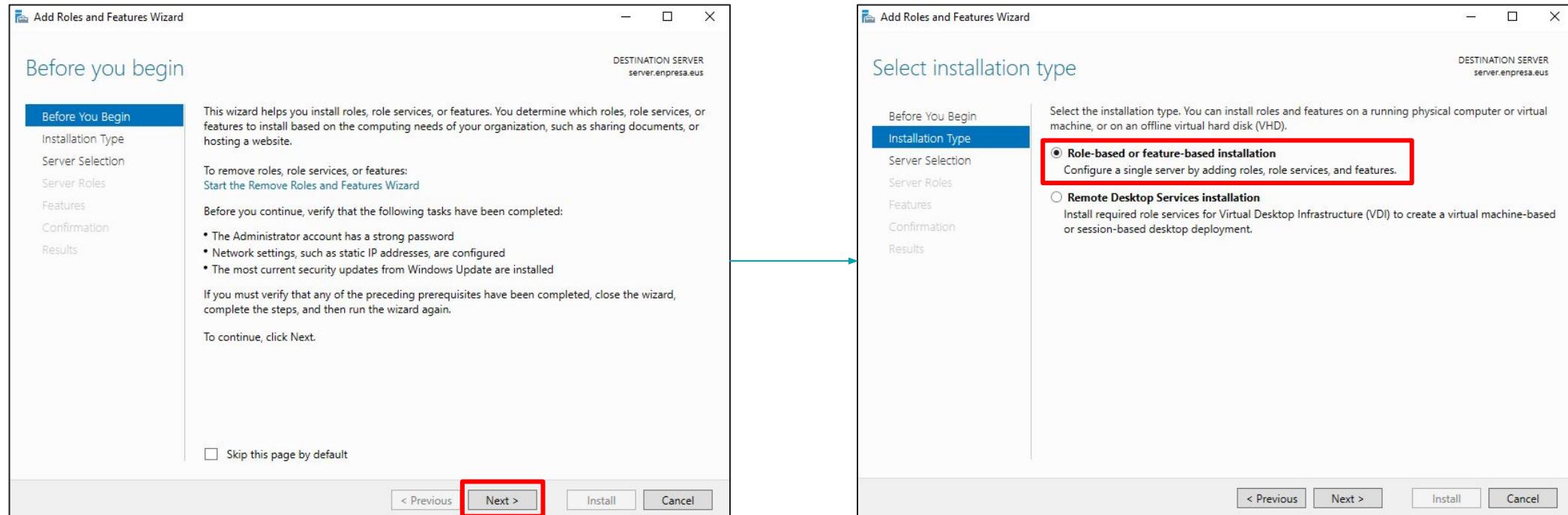
1. Zerbitzariak IP finko bat izatea.
2. DNS zerbitzaria instalatuta izatea.

# Instalazioa eta konfigurazioa (GUI)

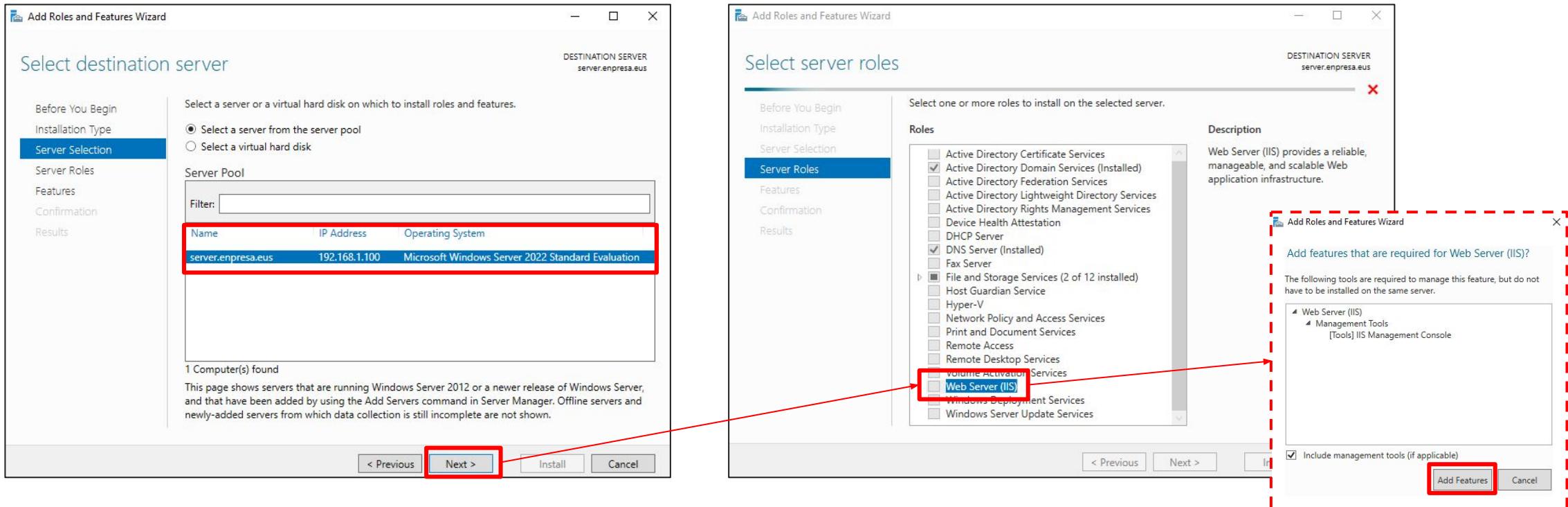
- Web zerbitzariaren rola instalatu (IIS)
  - Add roles and features



# Instalazioa eta konfigurazioa (GUI)



# Instalazioa eta konfigurazioa (GUI)



The image shows two screenshots of the Windows Server Add Roles and Features Wizard.

**Select destination server:**

- Before You Begin
- Installation Type
- Server Selection** (selected)
- Server Roles
- Features
- Confirmation
- Results

DESTINATION SERVER: server.enpresa.eus

Select a server or a virtual hard disk on which to install roles and features.

● Select a server from the server pool (selected)

○ Select a virtual hard disk

**Server Pool:**

Name	IP Address	Operating System
server.enpresa.eus	192.168.1.100	Microsoft Windows Server 2022 Standard Evaluation

1 Computer(s) found

This page shows servers that are running Windows Server 2012 or a newer release of Windows Server, and that have been added by using the Add Servers command in Server Manager. Offline servers and newly-added servers from which data collection is still incomplete are not shown.

< Previous | **Next >** | Install | Cancel

**Select server roles:**

- Before You Begin
- Installation Type
- Server Selection
- Server Roles** (selected)
- Features
- Confirmation
- Results

DESTINATION SERVER: server.enpresa.eus

Select one or more roles to install on the selected server.

**Roles:**

- Active Directory Certificate Services
- Active Directory Domain Services (Installed) (selected)
- Active Directory Federation Services
- Active Directory Lightweight Directory Services
- Active Directory Rights Management Services
- Device Health Attestation
- DHCP Server
- DNS Server (Installed) (selected)
- Fax Server
- File and Storage Services (2 of 12 installed)
  - Host Guardian Service
  - Hyper-V
  - Network Policy and Access Services
  - Print and Document Services
  - Remote Access
  - Remote Desktop Services
  - Volume Activation Services
  - Web Server (IIS)** (selected)
  - Windows Deployment Services
  - Windows Server Update Services

**Description:**

Web Server (IIS) provides a reliable, manageable, and scalable Web application infrastructure.

**Add Roles and Features Wizard:**

Add features that are required for Web Server (IIS)?

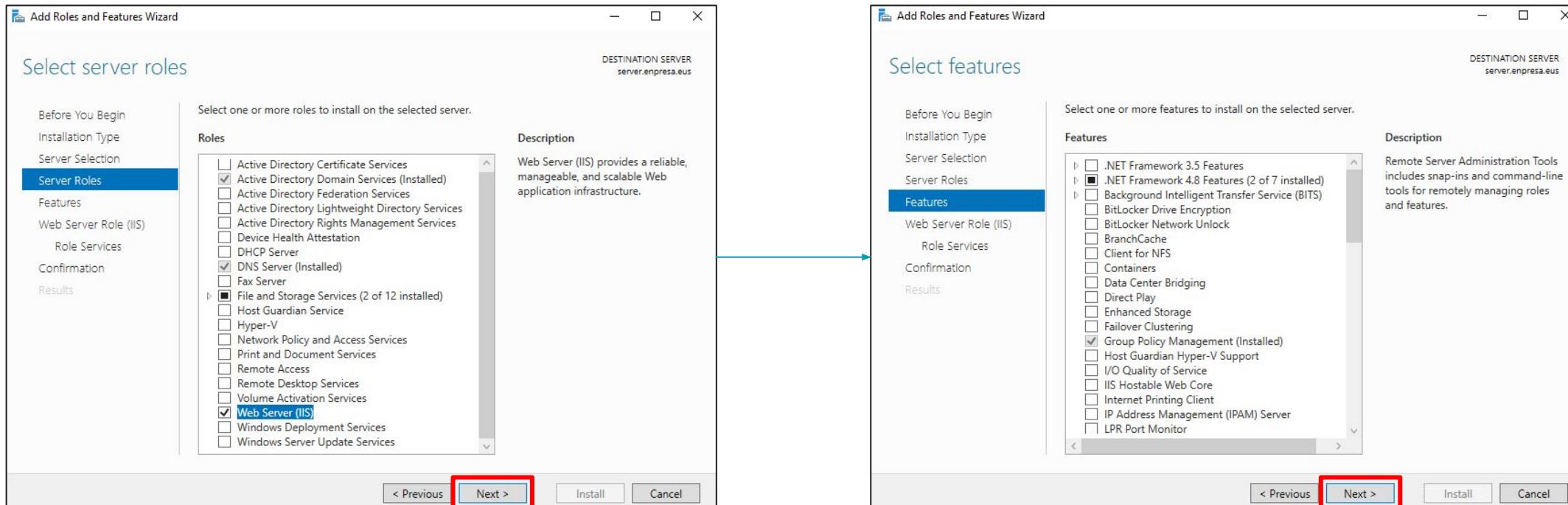
The following tools are required to manage this feature, but do not have to be installed on the same server.

- Web Server (IIS)
  - Management Tools
    - [Tools] IIS Management Console

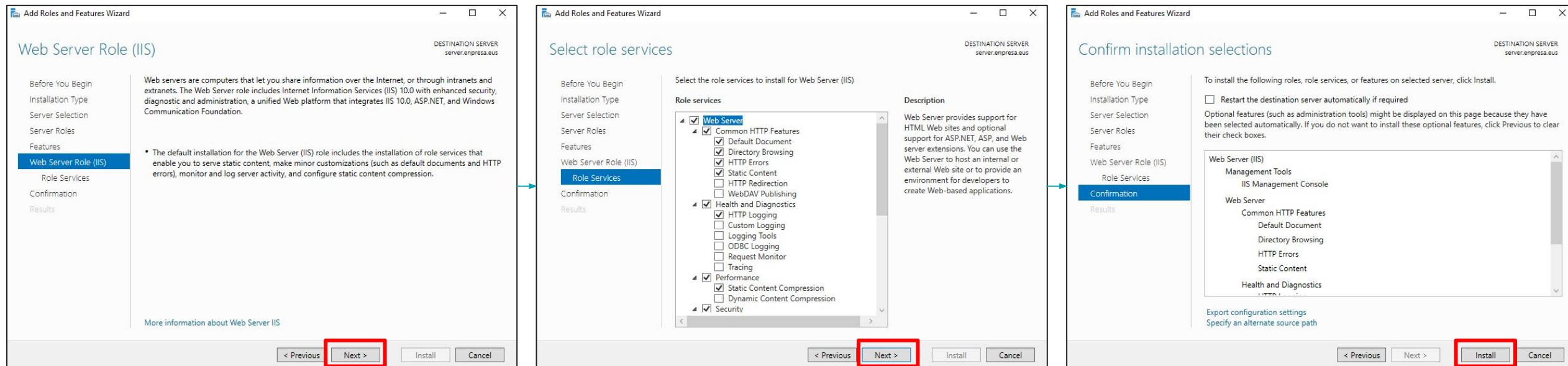
Include management tools (if applicable)

**Add Features** | Cancel

# Instalazioa eta konfigurazioa (GUI)

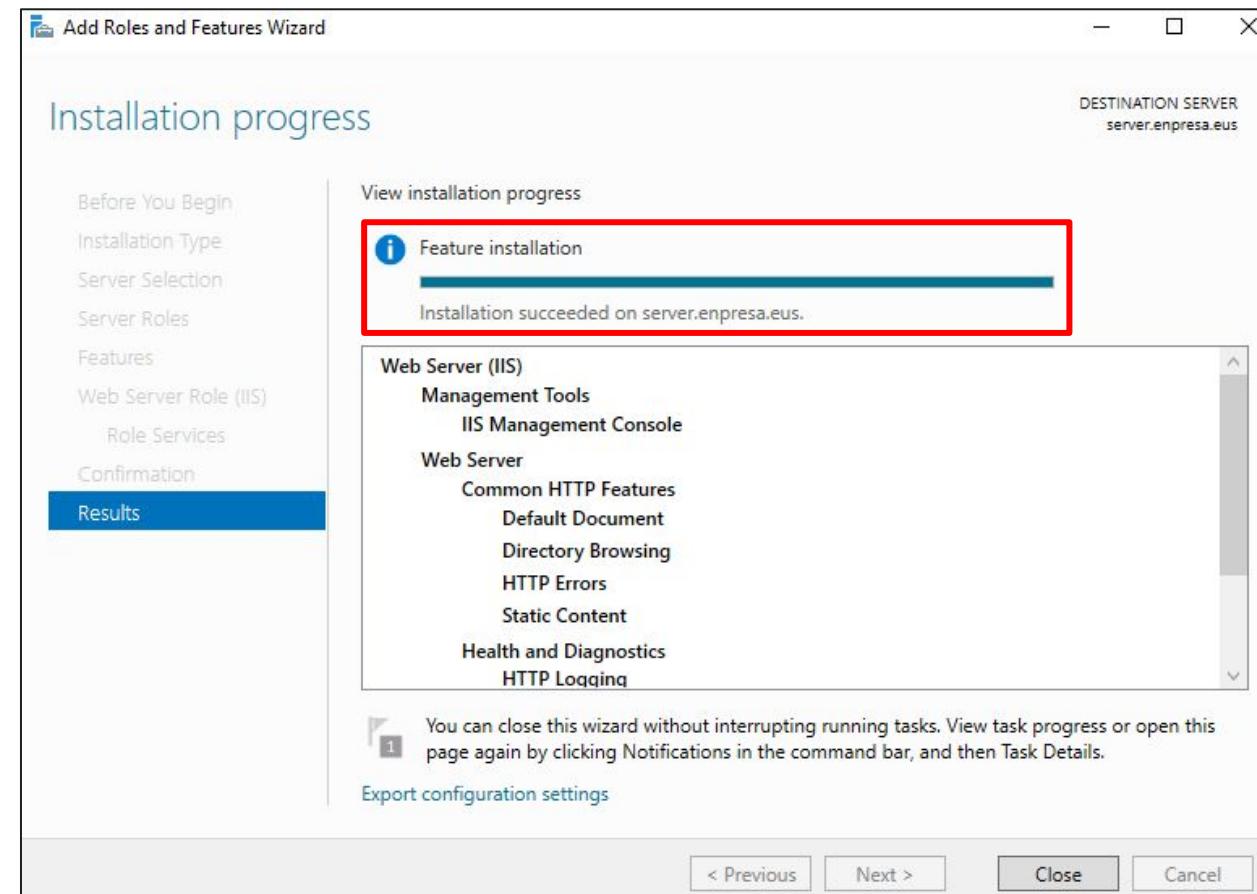


# Instalazioa eta konfigurazioa (GUI)



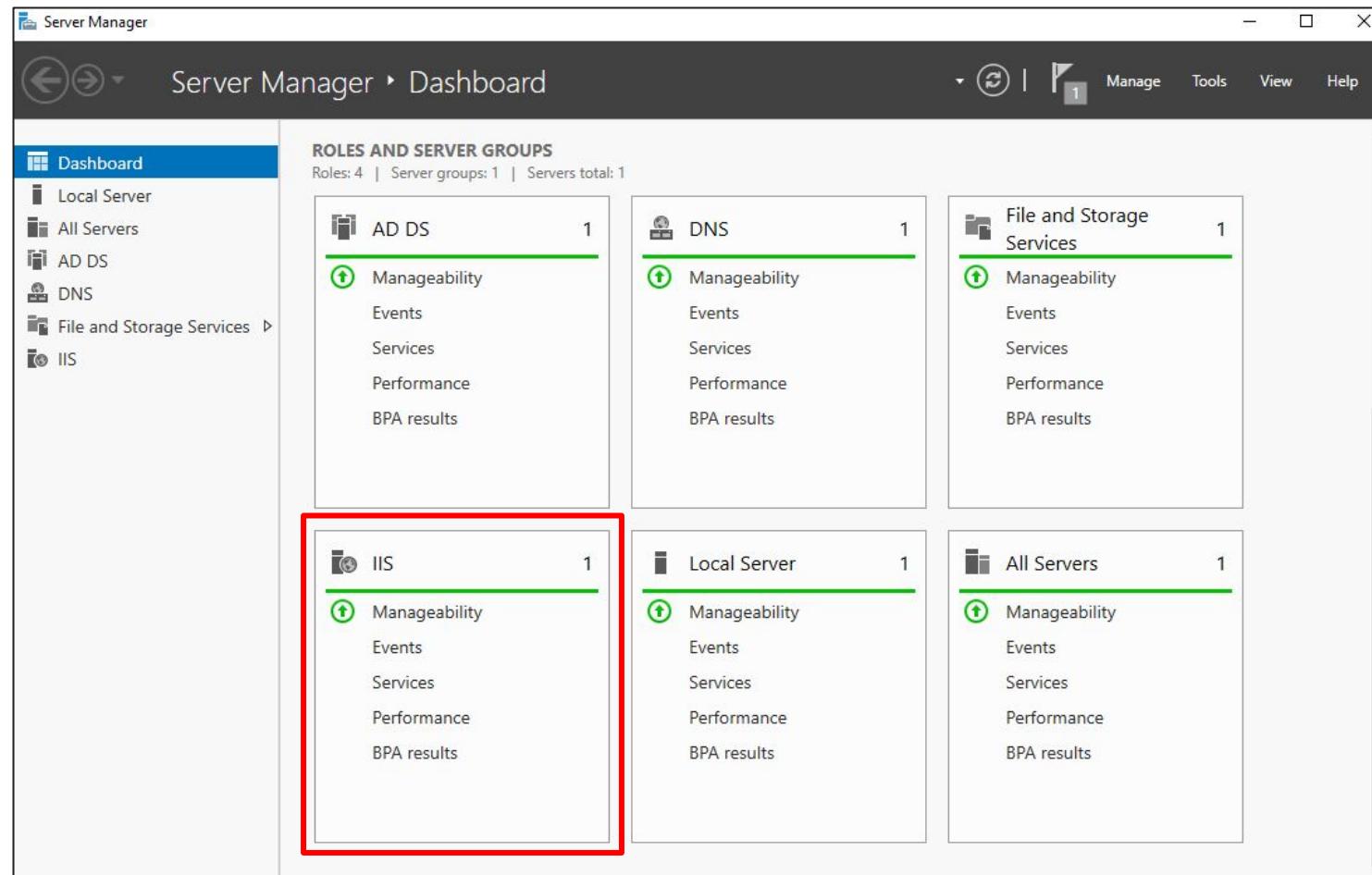
# Instalazioa eta konfigurazioa (GUI)

- Instalazioa amaituta:



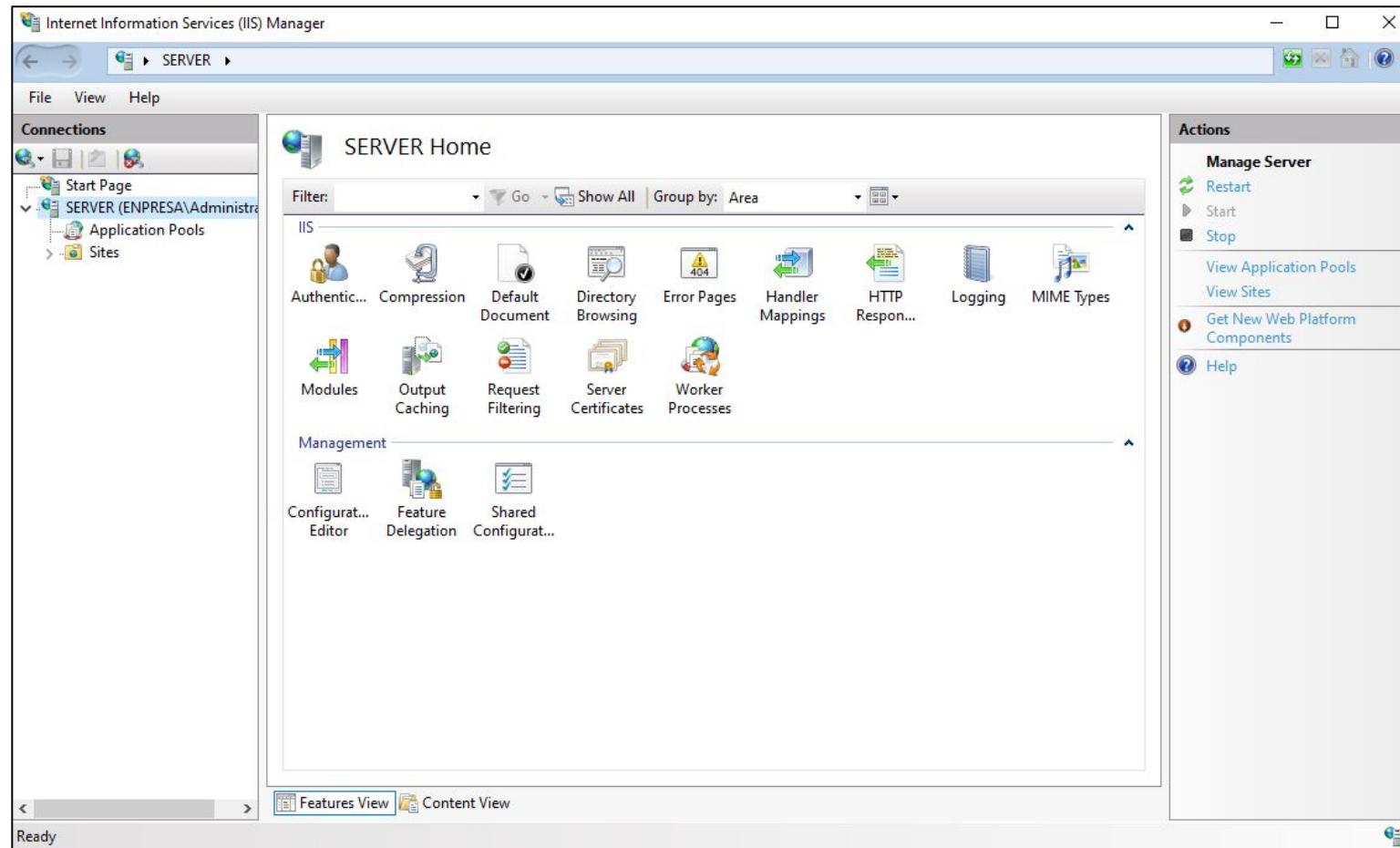
# Instalazioa eta konfigurazioa (GUI)

- Ondo instalatu dela - Egiaztapena 1
  - Server Manager aplikazioan, IIS zerbitzua martxan dagoela agertu behar da.



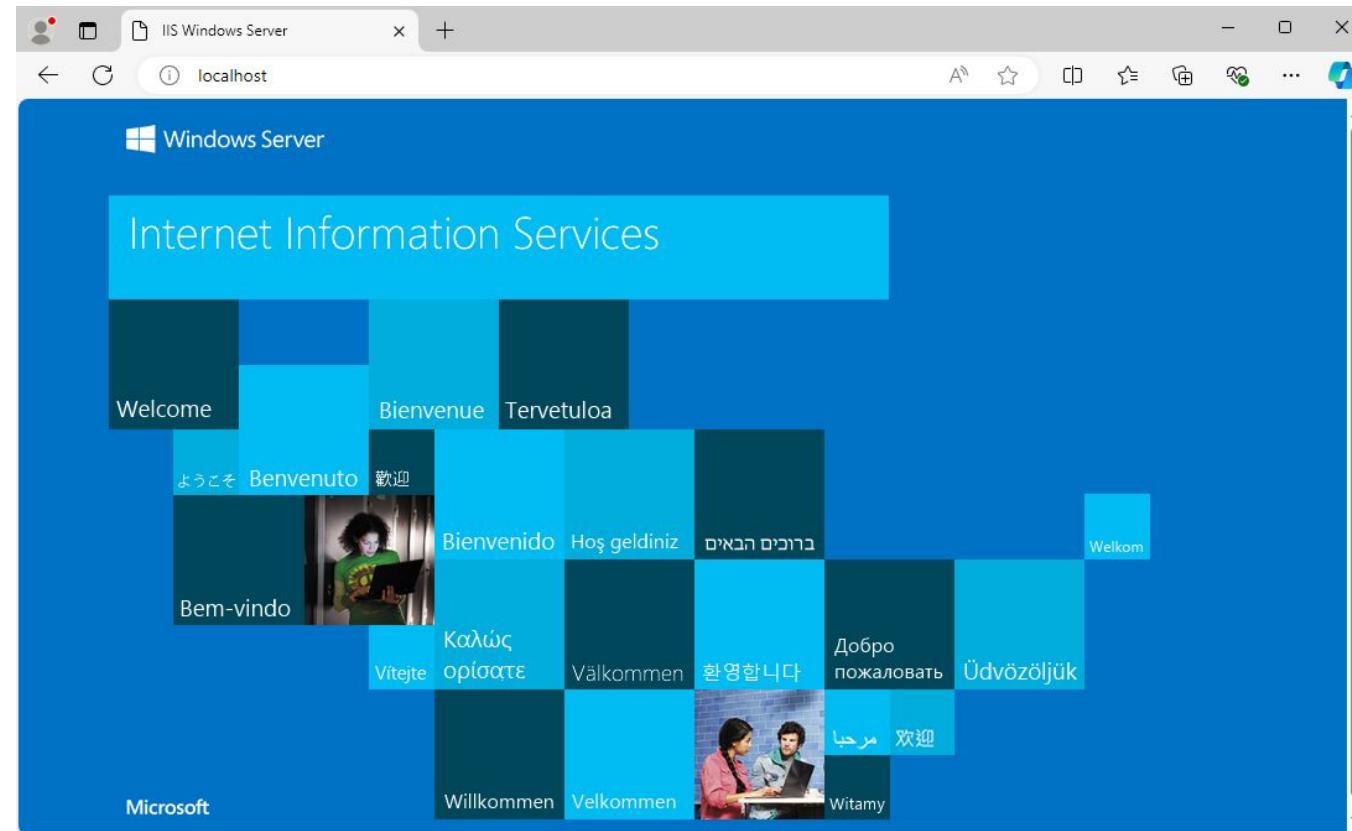
# Instalazioa eta konfigurazioa (GUI)

- Ondo instalatu dela - Egiaztapena 2
  - Internet Information Services (IIS) aplikazioa instalatuta egon behar da.



# Instalazioa eta konfigurazioa (GUI)

- Ondo instalatu dela - Egiaztapena 3
  - Zerbitzariaren Web Nabigatzaileko nabigazioa barran <http://localhost> idatzita web orrialde bat kargatu beharko zen.



# Instalazioa eta konfigurazioa (PowerShell)

```
# Install the Web Server Role
Install-WindowsFeature -name Web-Server -IncludeManagementTools

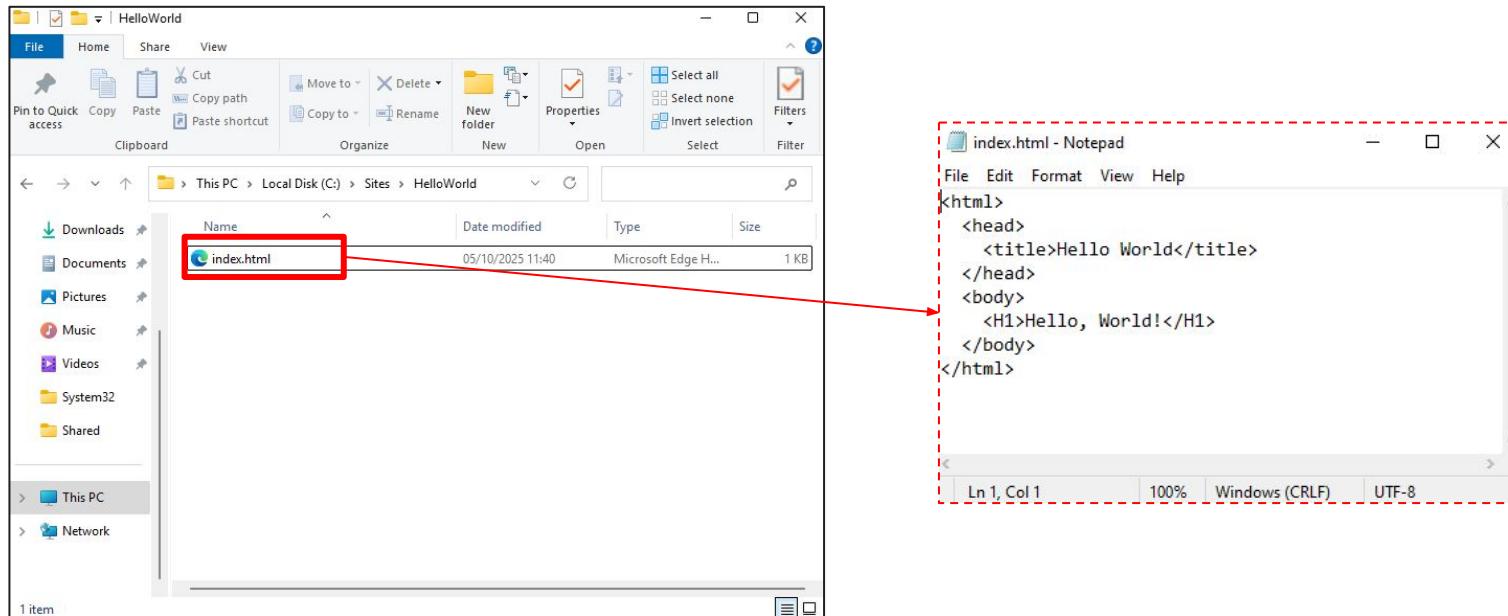
# Verify the Installation
Get-WindowsFeature Web-Server
```

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## **Web gune bat sortu**

# Web gunetako karpeta sortu (GUI)

- IIS-ren defektuzko karpeta → C:\inetpub\
  - Webguneak wroot-en biltegiratzen dira
  - Segurtasun arrazoiengatik hobe da webean webguneak beste karpeta edo unitate batean gordetzea → C:\Sites izeneko karpeta sortu
- C:\Sites-en
  - Sortu **HelloWorld** izeneko karpeta bat.
  - Karpeta horren barruan, **index.html** izeneko dokumentu bat sortu.
  - Web zerbitzariak defektuz index.html irakurtzen du.

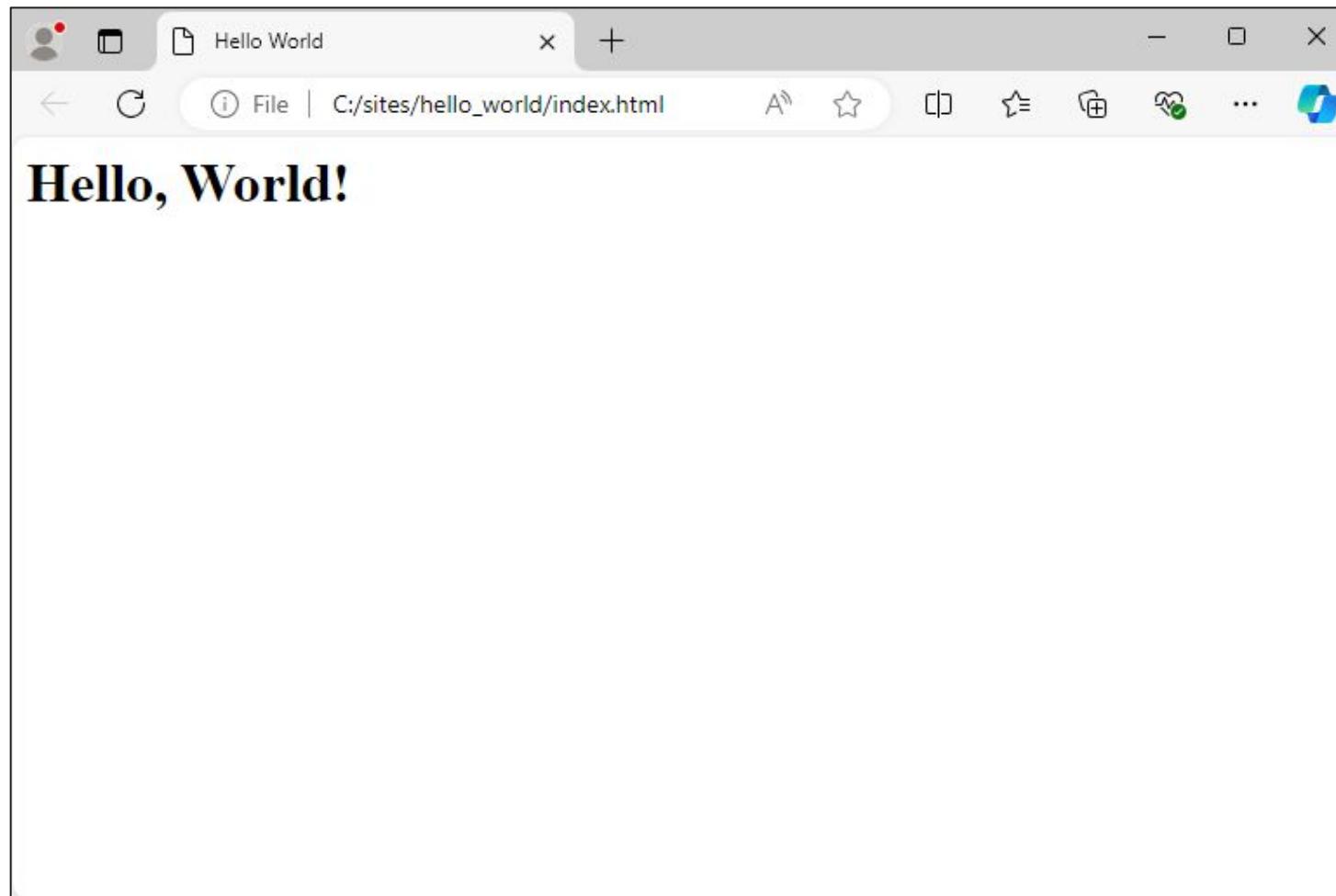


```

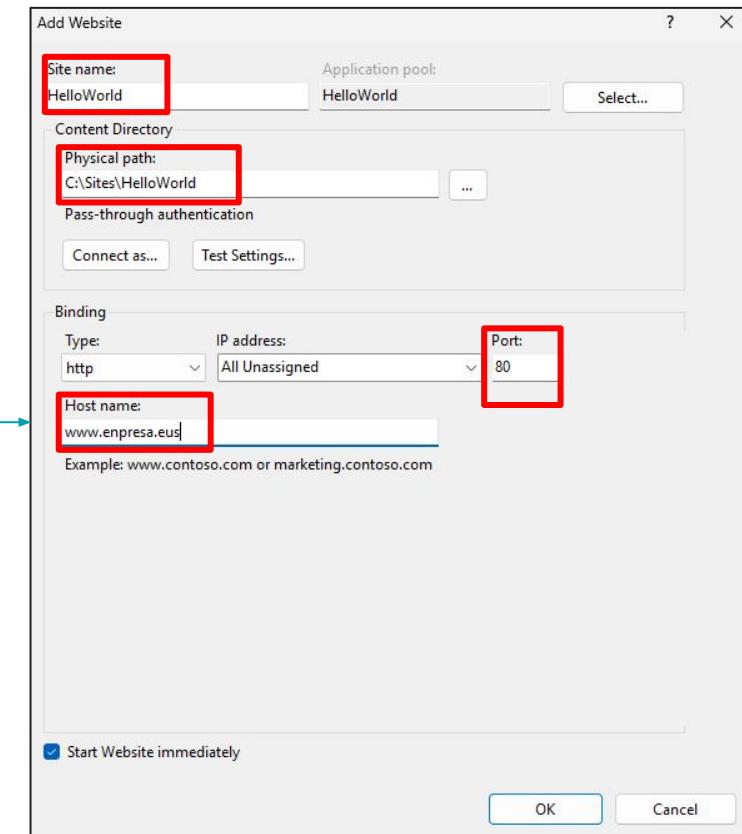
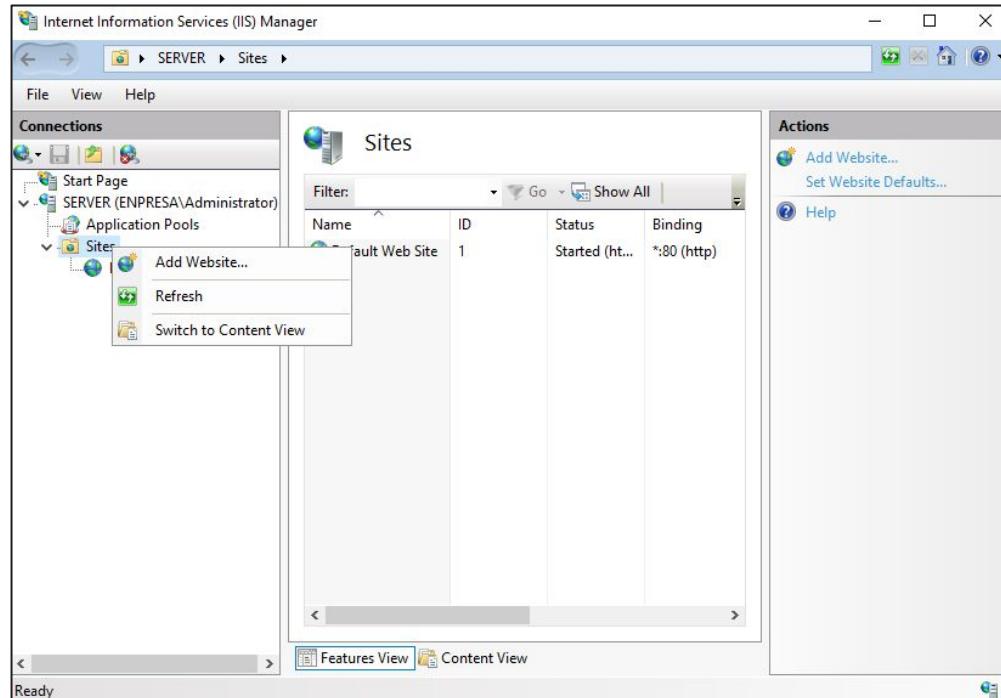
<html>
<head>
  <title>Hello World</title>
</head>
<body>
  <H1>Hello, World!</H1>
</body>
</html>

```

# Web gune bat sortu (GUI)

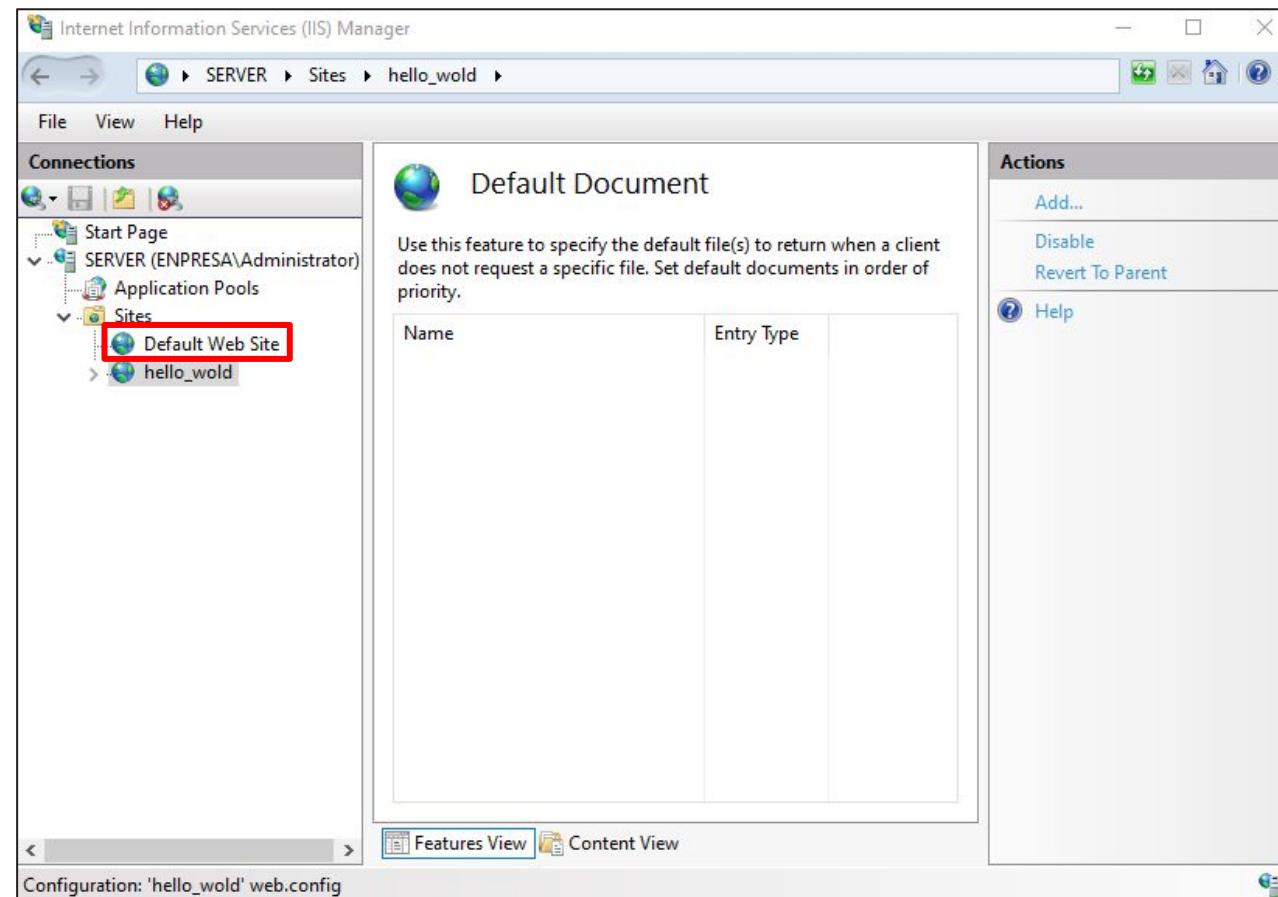


# Web gune bat sortu (GUI)



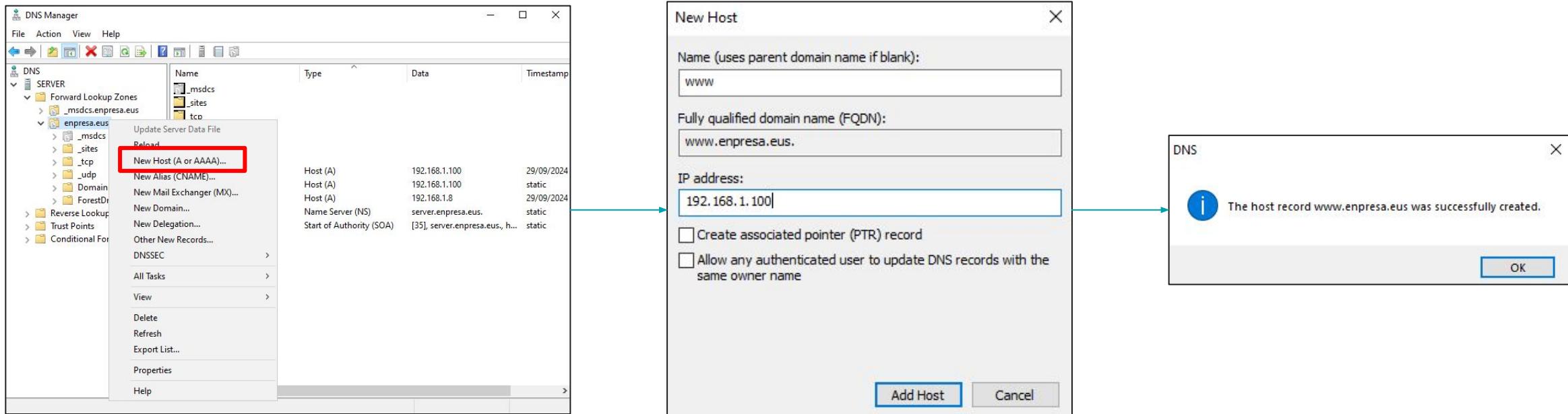
# Web gune bat sortu (GUI)

- Defektuzko web gunea ezabatu:



# Web guna bat sortu (GUI)

- DNS-a konfiguratu
  - Web gunea sortzean adierazitako host izena idaztean gunera sartu ahal izateko, DNS-a konfiguratu behar da ([www.empresa.eus](http://www.empresa.eus)).
  -



# Web gune bat sortu (GUI)

- Egiaztapena - Bezeroaren ordenagailutik, [www.enpresa.eus-era](http://www.enpresa.eus-era) sartu.



# Web gune bat sortu (PowerShell)

```
# List websites
Get-Website

# Create a website
New-IISSite -Name "hello_world" -PhysicalPath "C:\Sites\HelloWorld" -BindingInformation "*:80:www.enpresa.eus"

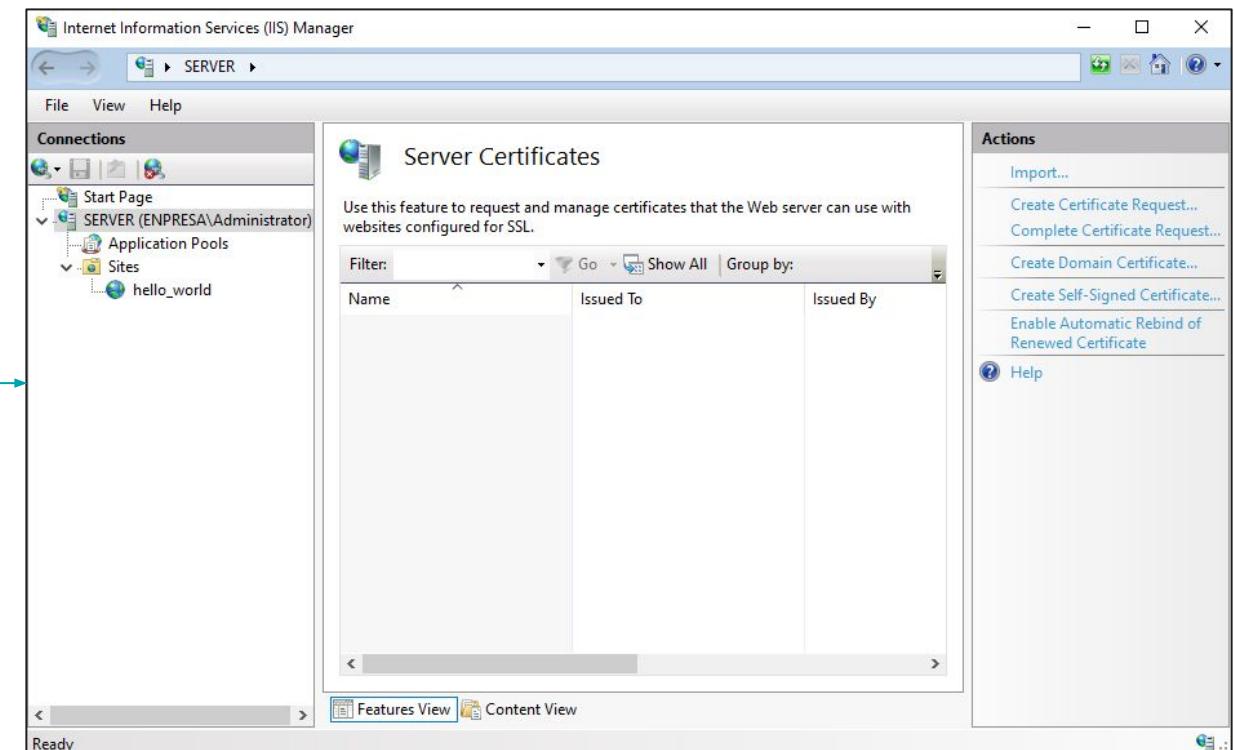
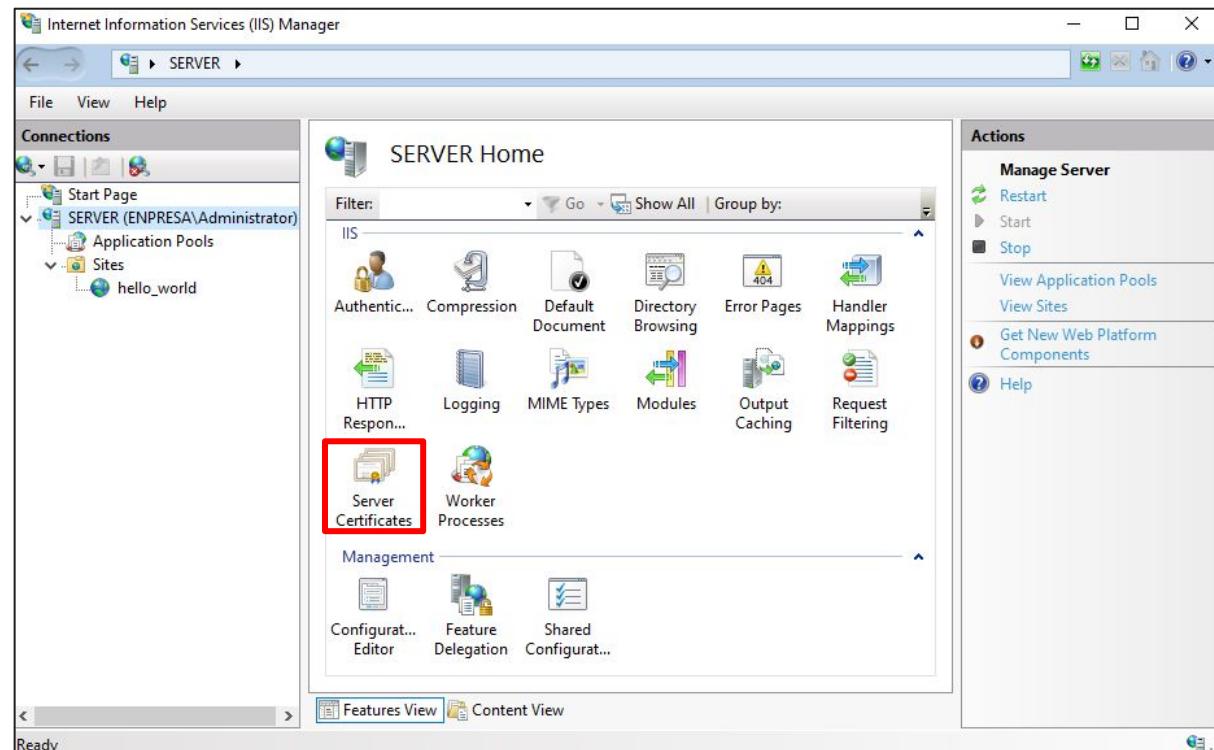
# Deleting a Website
Remove-Website -Name "hello_world"
```

4

## **HTTPS konfigurieren**

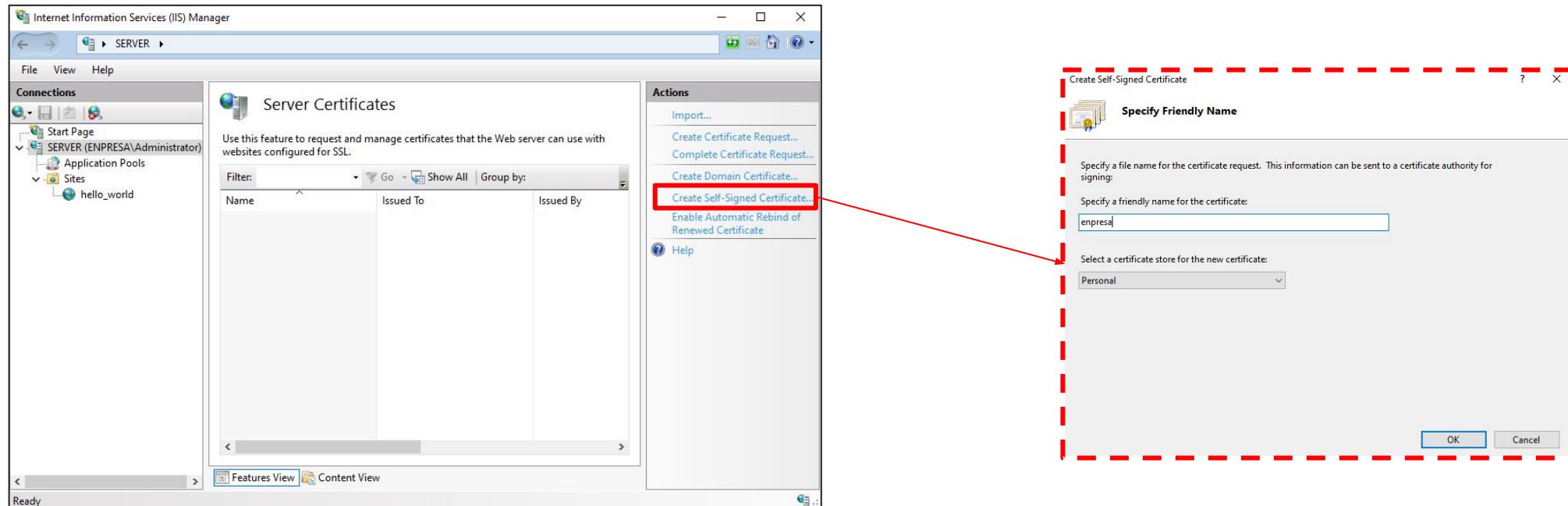
# HTTPS konfiguratzeko (GUI)

- Sortu ziurtagiri autofirmatua



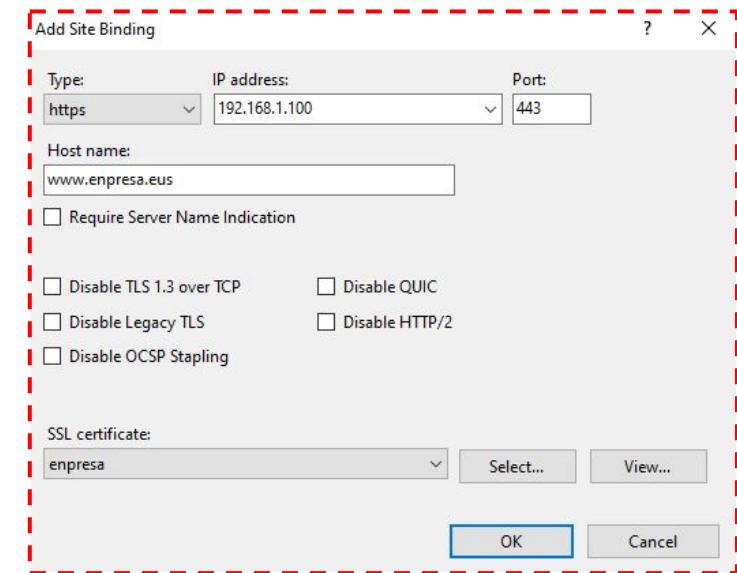
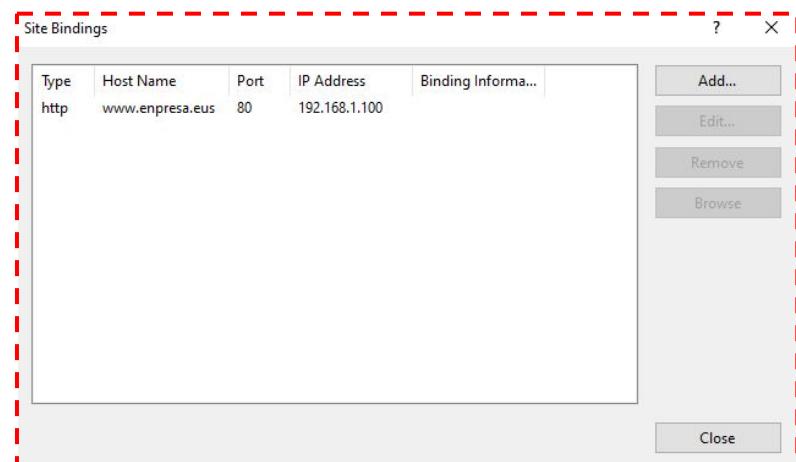
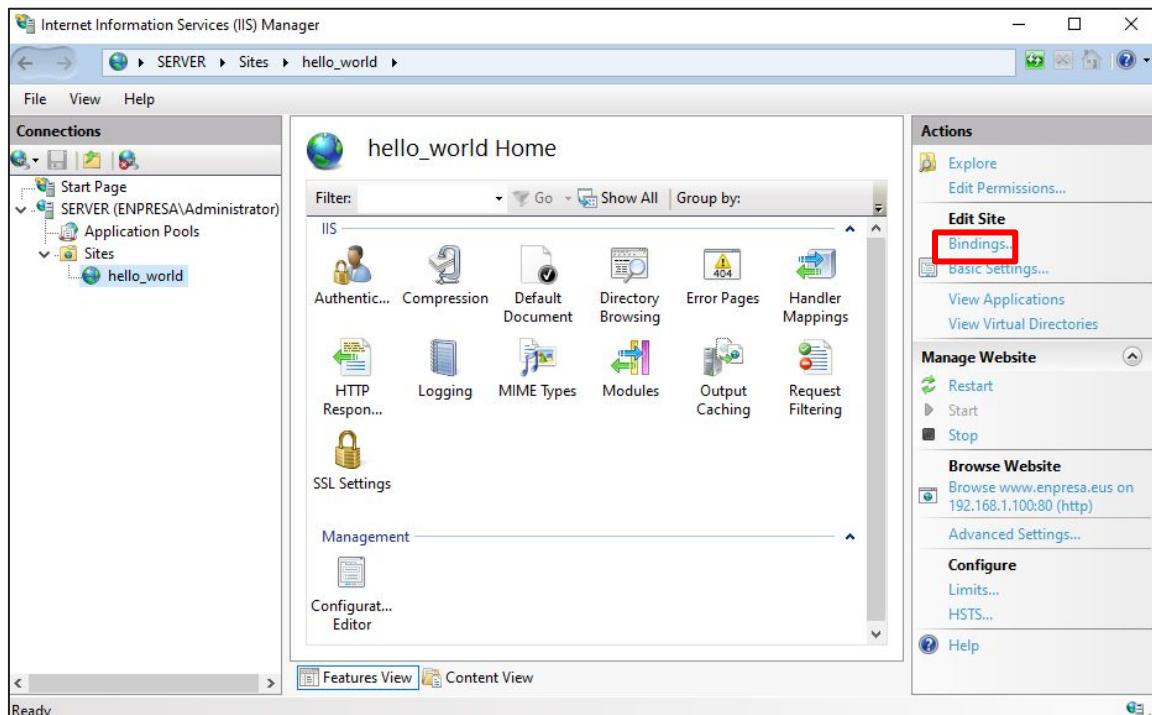
# HTTPS konfiguratzeko (GUI)

- Sortu ziurtagiri autofirmatua



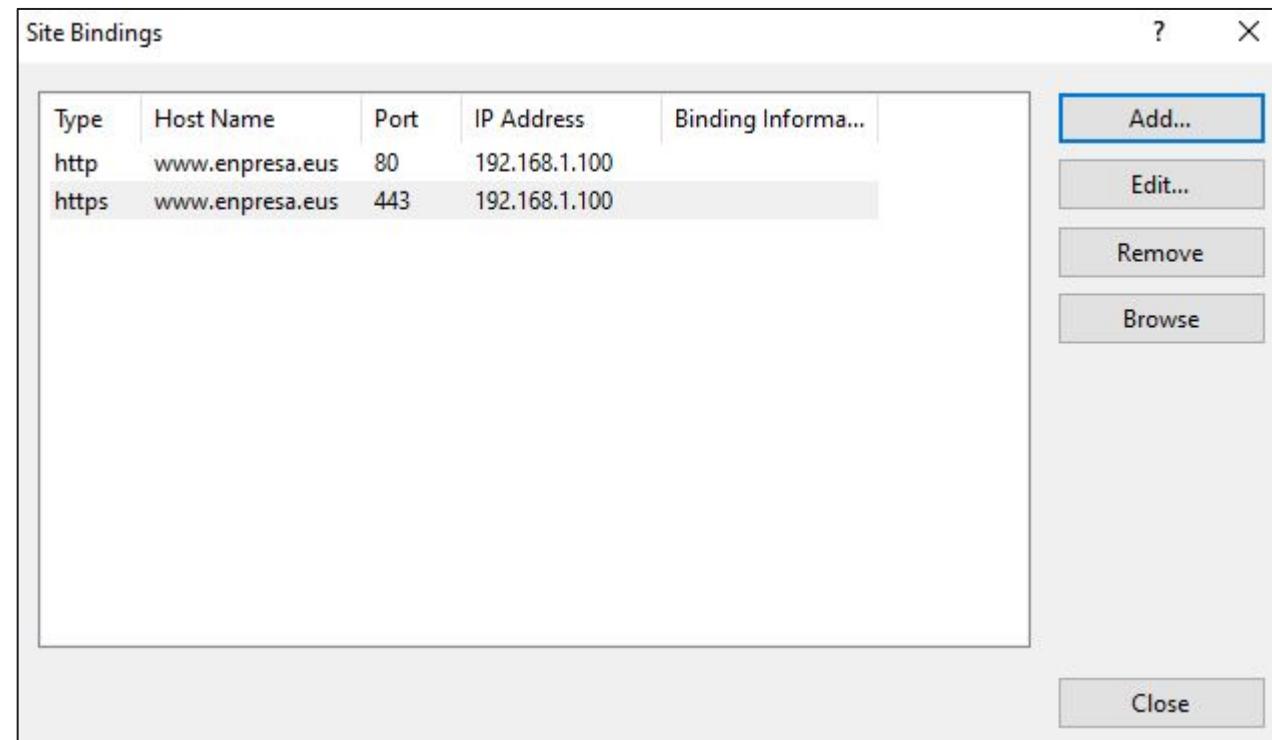
# HTTPS konfiguratzeko (GUI)

- Webgunera HTTPS esteka gehitu



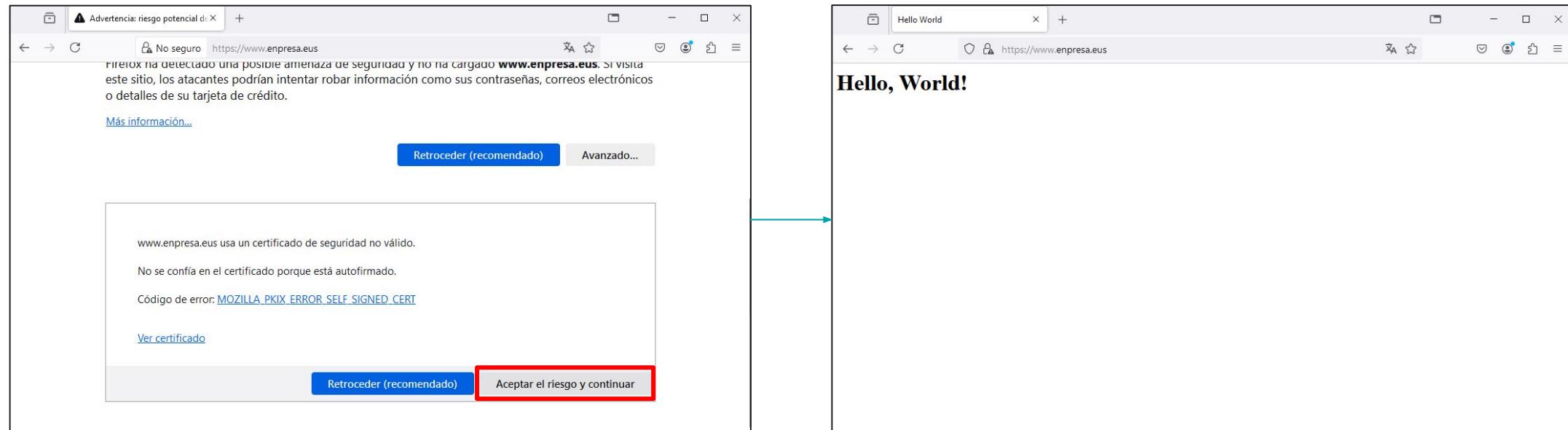
# HTTPS konfiguratzeko (GUI)

- Webgunera HTTPS esteka gehitu
  - Bi modu sartzeko: http edo https



# HTTPS konfiguratzeko (GUI)

- Bezeroaren ordenagailutik, <https://www.enpresa.eus-era> sartu.



Eskerrik asko

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