

IIS and Features Powershell Script

01/05/2024 6:07 pm EST

This script will ONLY install the Roles and Features needed for IIS.

```
# * Make sure you run this script from a Powershell Admin Prompt!
# * Make sure Powershell Execution Policy is bypassed to run these scripts:
# * YOU MAY HAVE TO RUN THIS COMMAND PRIOR TO RUNNING THIS SCRIPT!
Set-ExecutionPolicy Bypass -Scope Process

# Web Server (IIS)           Web-Server
# Web Server                 Web-WebServer
# Common HTTP Features       Web-Common-Http
# Default Document           Web-Default-Doc      - Need for default documents
# HTTP Errors                Web-Http-Errors   - Need to produce HTTP Errors
# Static Content             Web-Static-Content - Need for Static Content
# Health and Diagnostics     Web-Health
# HTTP Logging               Web-Http-Logging - Need for logging web events for troubleshooting
# Performance               Web-Performance
# Static Content Compression Web-Stat-Compression - Need to optimize web traffic
# Dynamic Content Compression Web-Dyn-Compression - Need to optimize web traffic
# Security                   Web-Security
# Request Filtering          Web-Filtering   - Need to write rules to prevent attacks
# Application Development    Web-App-Dev
# .NET Extensibility 4.6     Web-Net-Ext45   - Need for SOAP and RESTful Interface
# ASP.NET 4.6               Web-Asp-Net45   - Need for SOAP and RESTful Interface
# ISAPI Extensions          Web-ISAPI-Ext    - Automatically installed with ASP.NET 4.6
# ISAPI Filters              Web-ISAPI-Filter - Automatically installed with ASP.NET 4.6
# WebSocket Protocol         Web-WebSockets  - Need for ManitouNEO functionality
# Management Tools           Web-Mgmt-Tools
# IIS Management Console     Web-Mgmt-Console - Need for Managing website
#.NET Framework 4.6 Features NET-Framework-45-Fea... - Need for Manitou Programs
# .NET Framework 4.6        NET-Framework-45-Core - Need for Manitou Programs
# ASP.NET 4.6               NET-Framework-45-ASPNET - Need for Manitou Programs
# WCF Services              NET-WCF-Services45 - Need for Manitou Programs
# HTTP Activation            NET-WCF-HTTP-Activat... - Need for BoldNET Silverlight
# TCP Port Sharing          NET-WCF-TCP-PortSharing45
#
```

```
Install-WindowsFeature -Name Fax
Install-WindowsFeature -Name telnet-client
Install-WindowsFeature -Name Web-Server
Install-WindowsFeature -Name Web-WebServer
Install-WindowsFeature -Name Web-Common-Http
Install-WindowsFeature -Name Web-Default-Doc
Install-WindowsFeature -Name Web-Http-Errors
Install-WindowsFeature -Name Web-Static-Content
Install-WindowsFeature -Name Web-Health
Install-WindowsFeature -Name Web-Http-Logging
Install-WindowsFeature -Name Web-Performance
Install-WindowsFeature -Name Web-Stat-Compression
Install-WindowsFeature -Name Web-Dyn-Compression
Install-WindowsFeature -Name Web-Security
Install-WindowsFeature -Name Web-filtering
```

```
Install-WindowsFeature -Name Web-App-Dev
Install-WindowsFeature -Name Web-Net-Ext45
Install-WindowsFeature -Name Web-Net-Ext
Install-WindowsFeature -Name Web-AppInit
Install-WindowsFeature -Name Web-ASP
Install-WindowsFeature -Name Web-Asp-Net
Install-WindowsFeature -Name NET-Framework-Core
Install-WindowsFeature -Name NET-HTTP-Activation
Install-WindowsFeature -Name Web-Asp-Net45
Install-WindowsFeature -Name Web-ISAPI-Ext
Install-WindowsFeature -Name Web-ISAPI-Filter
Install-WindowsFeature -Name Web-Websockets
Install-WindowsFeature -Name Web-Mgmt-Tools
Install-WindowsFeature -Name Web-Mgmt-Console
Install-WindowsFeature -Name NET-Framework-45-Features
Install-WindowsFeature -Name NET-Framework-45-Core
Install-WindowsFeature -Name NET-Framework-45-ASPNET
Install-WindowsFeature -Name NET-WCF-Services45
Install-WindowsFeature -Name NET-WCF-HTTP-Activation45
Install-WindowsFeature -Name NET-WCF-TCP-PortSharing45
```

```
echo 'Roles and Featuresinstall and configuration complete'; $wshell= New-Object -ComObject Wscript.Shell ; $wshell.Pop
up("Roles and Featuresinstall and configuration complete")
```