# Exclusion of Brotli-Encrypted Traffic on F2 IIS for .NET 6 Environments

Technical Note

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|---|---|
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| Author | cBrain TIP |
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| Audience | Customers |

# Version History

| Date | Version | Author | Status | Changes |
|---|---|---|---|---|
| 30 OCT 2026 | 1.0 | cBrian | Published | Document created |
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# References

| Reference | Title | Version | Description |
|---|---|---|---|
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# 1 Introduction

## 1.1 Purpose of this Document

This document provides step-by-step instructions for mitigating on F2 IIS the security vulnerability identified as CVE-2026-111497 (Out-of-Bounds Write in Google Brotli Decoder) within F2 installations running on .NET 6.

It does not constitute the only way to do this, as organizations can also choose to filter the traffic further out in their infrastructure.

## 1.2 Scope and Applicability

This mitigation is required for all F2 installations that are currently running on .NET 6 (typically F2 Version 11 and earlier).

Microsoft has released security updates for newer versions of the .NET framework; however, no patch is currently available for .NET 6.

While the F2 platform itself does not utilize the Brotli compression/encryption algorithm, the vulnerability resides within the underlying .NET 6 runtime.

To eliminate the risk of exploitation via internet-facing components, this guide instructs administrators to block all traffic containing data encoded with the Brotli algorithm at the web server level.

As already mentioned above, doing this on the F2 IIS level does not constitute the only way to do this, as organizations can also choose to filter the traffic further out in their infrastructure.

While we have verified that this adjustment does not disrupt standard F2 functionality, we are still uncertain to what extent such a change could have a performance impact. We therefore recommend that system performance is supervised closely following the change.

# 2 Prerequisites

Before proceeding with the configuration, ensure the following prerequisites are met:

## 2.1 Required Access Rights

- Administrator Access: You must have local administrator rights on the server hosting the F2 IIS site.
- IIS Manager Access: You must have permission to modify the configuration of the specific F2 web site in Internet Information Services (IIS).

# 3 Steps

## 3.1 Step - Install IIS Rewrite Plugin

Install Microsoft IIS URL Rewrite plugin if it is not already installed:

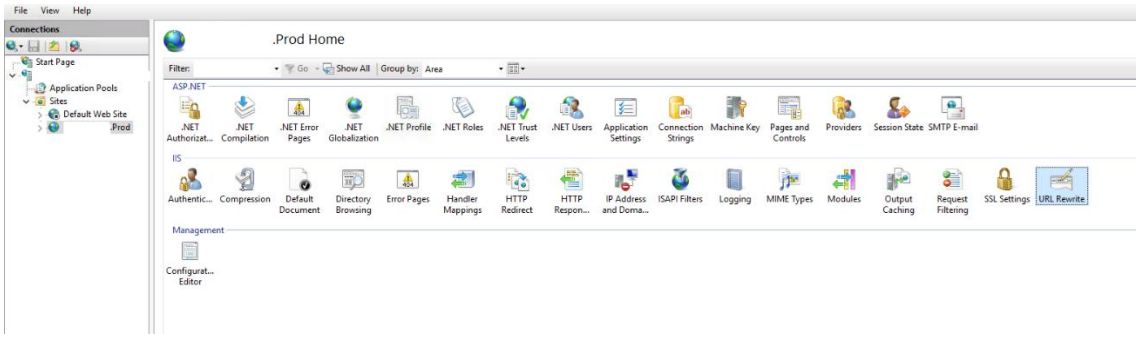
**https://download.microsoft.com/download/1/2/8/128E2E22-C1B9-44A4-BE2A-5859ED1D4592/rewrite_amd64_en-US.msi**

## 3.2 Step – Open URL Rewrite module

Open Internet Information Services. Click on the F2 IIS site and open the URL Rewrite module:

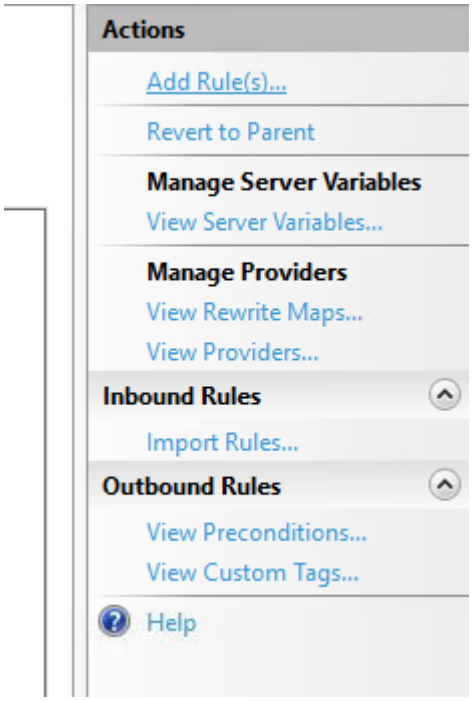


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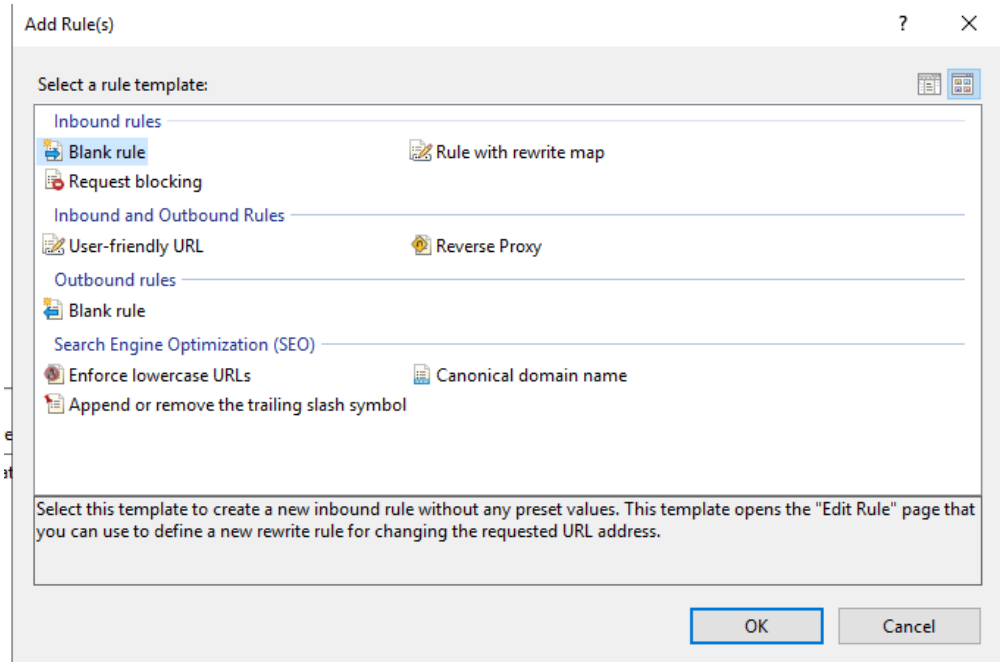

## 3.3 Step – Add Blank rule

Click on the “Add Rule(s)” button, select Blank rule and on OK:






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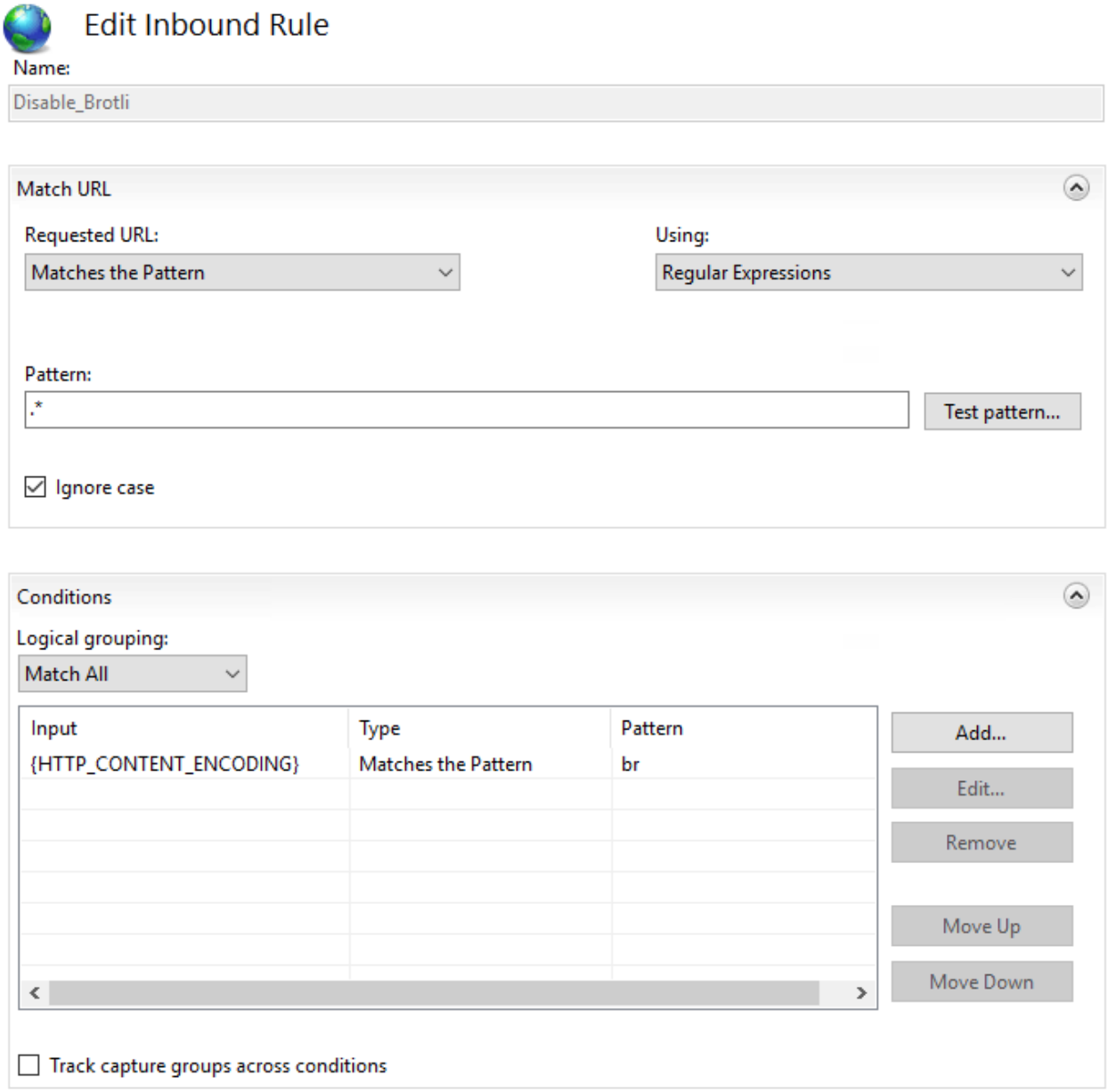



## 3.4 Step - Fill out rule properties

Fill out a name ex: Disable Brotli and set the following properties:

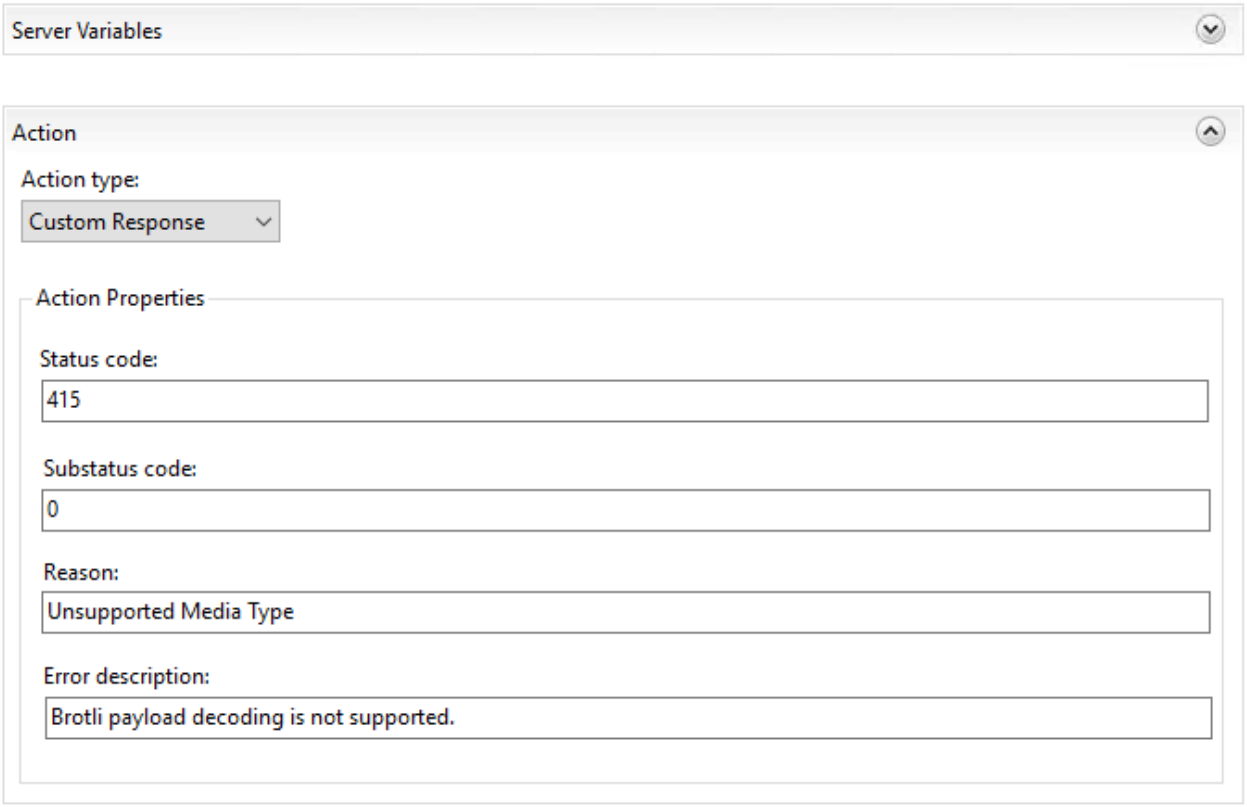


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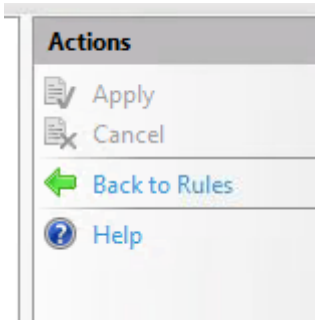



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## 3.5 Step – Apply

Click on the “Apply” button



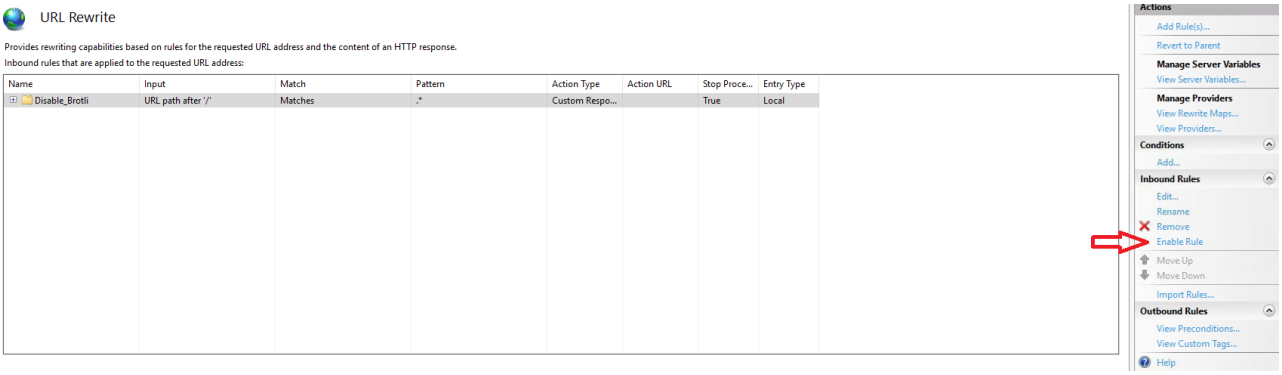

CRFIXME

## 3.6 Step – Enable Rule

Mark the rule and click on “Enable rule” button:



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# 4 Text to Copy/Paste From

```
Condition input: {HTTP_CONTENT_ENCODING}
Reason: Unsupported Media Type
Error description: Brotli payload decoding is not supported.
```



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