

# System.Net.ProtocolViolationException Class

```
[ILAsm]
.class public serializable ProtocolViolationException extends
System.InvalidOperationException

[C#]
public class ProtocolViolationException: InvalidOperationException
```

## Assembly Info:

- Name: System
- Public Key: [00 00 00 00 00 00 00 00 04 00 00 00 00 00 00 00]
- Version: 2.0.x.x
- Attributes:
  - CLSCompliantAttribute(true)

## Summary

Represents errors that occur due to violating the rules of a network protocol.

## Inherits From: System.InvalidOperationException

**Library:** Networking

**Thread Safety:** All public static members of this type are safe for multithreaded operations. No instance members are guaranteed to be thread safe.

## Description

A `System.Net.ProtocolViolationException` is thrown by types derived from `System.Net.WebRequest` and `System.Net.WebResponse` to indicate that an error has occurred as defined by the rules of the underlying protocol. For example, the `System.Net.HttpWebRequest` type throws a `System.Net.ProtocolViolationException` when an application attempts to send content without specifying the content length.

# ProtocolViolationException() Constructor

```
[ILAsm]  
public rtspecialname specialname instance void .ctor()  
  
[C#]  
public ProtocolViolationException()
```

## Summary

Constructs and initializes a new instance of the System.Net.ProtocolViolationException class.

## Description

This constructor initializes the System.Net.ProtocolViolationException.Message property of the new instance to a system-supplied message that describes the error, such as "Protocol error occurred." This message takes into account the current system culture.

The System.Net.ProtocolViolationException.InnerException property of the new instance is initialized to null.

# ProtocolViolationException(System.String) Constructor

```
[ILAsm]  
public rtspecialname specialname instance void .ctor(string message)  
  
[C#]  
public ProtocolViolationException(string message)
```

## Summary

Constructs and initializes a new instance of the `System.Net.ProtocolViolationException` class.

## Parameters

Parameter	Description
<i>message</i>	A <code>System.String</code> that describes the error. The content of <i>message</i> is intended to be understood by humans. The caller of this constructor is required to ensure that this string has been localized for the current system culture.

## Description

This constructor initializes the `System.Net.ProtocolViolationException.Message` property of the new instance using *message*. If *message* is null, the `System.Net.ProtocolViolationException.Message` property is initialized to the system-supplied message provided by the constructor that takes no arguments.

The `System.Net.ProtocolViolationException.InnerException` property of the new instance is initialized to null.