System.Net.Sockets.AddressFamily Enum

```
[ILAsm]
.class public sealed serializable AddressFamily extends System.Enum

[C#]
public enum AddressFamily
```

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

Specifies the addressing schemes used by the `System.Net.Sockets.Socket` class.

Inherits From: System.Enum

Library: Networking

Description

A `System.Net.Sockets.AddressFamily` member is specified to the `System.Net.Sockets.Socket` class constructors to identify the addressing scheme that the socket instance will use to resolve an address. For example, `System.Net.Sockets.AddressFamily.InterNetwork` indicates that an IP version 4 address is expected when a `System.Net.Sockets.Socket` instance connects to an endpoint.

AddressFamily.AppleTalk Field

```
[ILAsm]
.field public static literal valuetype System.Net.Sockets.AddressFamily
AppleTalk = 16

[C#]
AppleTalk = 16
```

Summary

AppleTalk address.

AddressFamily.Atm Field

```
[ILAsm]
.field public static literal valuetype System.Net.Sockets.AddressFamily
Atm = 22

[C#]
Atm = 22
```

Summary

Native Asynchronous Transfer Mode (ATM) services address.

AddressFamily.Banyan Field

```
[ILAsm]
.field public static literal valuetype System.Net.Sockets.AddressFamily
Banyan = 21

[C#]
Banyan = 21
```

Summary

Banyan address.

AddressFamily.Ccitt Field

```
[ILAsm]
.field public static literal valuetype System.Net.Sockets.AddressFamily
Ccitt = 10

[C#]
Ccitt = 10
```

Summary

Addresses for CCITT protocols, such as X.25.

AddressFamily.Chaos Field

```
[ILAsm]
.field public static literal valuetype System.Net.Sockets.AddressFamily
Chaos = 5

[C#]
Chaos = 5
```

Summary

Address for MIT CHAOS protocols.

AddressFamily.Cluster Field

```
[ILAsm]
.field public static literal valuetype System.Net.Sockets.AddressFamily
Cluster = 24

[C#]
Cluster = 24
```

Summary

Address for Microsoft cluster products.

AddressFamily.DataKit Field

```
[ILAsm]
.field public static literal valuetype System.Net.Sockets.AddressFamily
DataKit = 9

[C#]
DataKit = 9
```

Summary

Address for Datakit protocols.

AddressFamily.DataLink Field

```
[ILAsm]
.field public static literal valuetype System.Net.Sockets.AddressFamily
DataLink = 13

[C#]
DataLink = 13
```

Summary

Direct data-link interface address.

AddressFamily.DecNet Field

```
[ILAsm]
.field public static literal valuetype System.Net.Sockets.AddressFamily
DecNet = 12

[C#]
DecNet = 12
```

Summary

DECnet address.

AddressFamily.Ecma Field

```
[ILAsm]
.field public static literal valuetype System.Net.Sockets.AddressFamily
Ecma = 8

[C#]
Ecma = 8
```

Summary

European Computer Manufacturers Association (ECMA) address.

AddressFamily.FireFox Field

```
[ILAsm]
.field public static literal valuetype System.Net.Sockets.AddressFamily
FireFox = 19

[C#]
FireFox = 19
```

Summary

FireFox address.

AddressFamily.HyperChannel Field

```
[ILAsm]
.field public static literal valuetype System.Net.Sockets.AddressFamily
HyperChannel = 15

[C#]
HyperChannel = 15
```

Summary

NSC Hyperchannel address.

AddressFamily.Ieee12844 Field

```
[ILAsm]
.field public static literal valuetype System.Net.Sockets.AddressFamily
Ieee12844 = 25

[C#]
Ieee12844 = 25
```

Summary

IEEE 1284.4 workgroup address.

AddressFamily.ImpLink Field

```
[ILAsm]
.field public static literal valuetype System.Net.Sockets.AddressFamily
ImpLink = 3

[C#]
ImpLink = 3
```

Summary

ARPANET IMP address.

AddressFamily.InterNetwork Field

```
[ILAsm]
.field public static literal valuetype System.Net.Sockets.AddressFamily
InterNetwork = 2

[C#]
InterNetwork = 2
```

Summary

Address for IP version 4.

AddressFamily.InterNetworkV6 Field

```
[ILAsm]
.field public static literal valuetype System.Net.Sockets.AddressFamily
InterNetworkV6 = 23

[C#]
InterNetworkV6 = 23
```

Summary

Address for IP version 6.

AddressFamily.Ipx Field

```
[ILAsm]
.field public static literal valuetype System.Net.Sockets.AddressFamily
Ipx = 6

[C#]
Ipx = 6
```

Summary

Internetwork Packet Exchange (IPX) or Sequenced Packet Exchange (SPX) address.

AddressFamily.Irda Field

```
[ILAsm]
.field public static literal valuetype System.Net.Sockets.AddressFamily
Irda = 26

[C#]
Irda = 26
```

Summary

Infrared Data Association (IrDA) address.

AddressFamily.Iso Field

```
[ILAsm]
.field public static literal valuetype System.Net.Sockets.AddressFamily
Iso = 7

[C#]
Iso = 7
```

Summary

Address for ISO protocols.

[*Note:* Multiple names are defined for this value based on prior art. This value is identical to `System.Net.Sockets.AddressFamily.Osi`.

]

AddressFamily.Lat Field

```
[ILAsm]
.field public static literal valuetype System.Net.Sockets.AddressFamily
Lat = 14

[C#]
Lat = 14
```

Summary

LAT address.

AddressFamily.NetBios Field

```
[ILAsm]
.field public static literal valuetype System.Net.Sockets.AddressFamily
NetBios = 17

[C#]
NetBios = 17
```

Summary

NetBios address.

AddressFamily.NetworkDesigners Field

```
[ILAsm]
.field public static literal valuetype System.Net.Sockets.AddressFamily
NetworkDesigners = 28

[C#]
NetworkDesigners = 28
```

Summary

Address for Network Designers OSI gateway-enabled protocols.

AddressFamily.NS Field

```
[ILAsm]
.field public static literal valuetype System.Net.Sockets.AddressFamily NS
= 6

[C#]
NS = 6
```

Summary

Address for Xerox NS protocols.

AddressFamily.Osi Field

```
[ILAsm]
.field public static literal valuetype System.Net.Sockets.AddressFamily
Osi = 7

[C#]
Osi = 7
```

Summary

Address for ISO protocols.

[*Note:* Multiple names are defined for this value based on prior art. This value is identical to `System.Net.Sockets.AddressFamily.Iso`.

]

AddressFamily.Pup Field

```
[ILAsm]
.field public static literal valuetype System.Net.Sockets.AddressFamily
Pup = 4

[C#]
Pup = 4
```

Summary

Address for PUP protocols.

AddressFamily.Sna Field

```
[ILAsm]
.field public static literal valuetype System.Net.Sockets.AddressFamily
Sna = 11

[C#]
Sna = 11
```

Summary

IBM SNA address.

AddressFamily.Unix Field

```
[ILAsm]
.field public static literal valuetype System.Net.Sockets.AddressFamily
Unix = 1

[C#]
Unix = 1
```

Summary

Address is local to the host.

AddressFamily.Unknown Field

```
[ILAsm]
.field public static literal valuetype System.Net.Sockets.AddressFamily
Unknown = -1

[C#]
Unknown = -1
```

Summary

Used to indicate an uninitialized state. This member is not to be used when constructing instances of the `System.Net.Sockets.Socket` class.

AddressFamily.Unspecified Field

```
[ILAsm]
.field public static literal valuetype System.Net.Sockets.AddressFamily
Unspecified = 0

[C#]
Unspecified = 0
```

Summary

Unspecified address family.

AddressFamily.VoiceView Field

```
[ILAsm]
.field public static literal valuetype System.Net.Sockets.AddressFamily
VoiceView = 18

[C#]
VoiceView = 18
```

Summary

VoiceView address.