

# System.Net.DnsPermissionAttribute Class

```
[ILASM]
.class public sealed serializable DnsPermissionAttribute
extends
System.Security.Permissions.CodeAccessSecurityAttribute

[C#]
public sealed class DnsPermissionAttribute:
CodeAccessSecurityAttribute
```

## Assembly Info:

- Name: System
- Public Key: [00 00 00 00 00 00 00 00 04 00 00 00 00 00 00 00]
- Version: 1.0.x.x
- Attributes:
  - CLSCompliantAttribute(true)

## Type Attributes:

- AttributeUsageAttribute(AttributeTargets.Assembly | AttributeTargets.Class | AttributeTargets.Struct | AttributeTargets.Constructor | AttributeTargets.Method, AllowMultiple=true, Inherited=false)

## Summary

Used to declaratively specify permission to request information from Domain Name Servers.

**Inherits From:** System.Security.Permissions.CodeAccessSecurityAttribute

**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

[Note: The security information declared by a security attribute is stored in the metadata of the attribute target, and is accessed by the system at run-time. Security attributes are used for declarative security only. For imperative security, use the corresponding permission class, **System.Net.DnsPermission**.

The allowable **System.Net.DnsPermissionAttribute** targets are determined by the **System.Security.Permissions.SecurityAction** passed to the constructor.]



# 1 DnsPermissionAttribute(System.Security. 2 Permissions.SecurityAction) Constructor

```
3 [ILASM]  
4 public rtspecialname specialname instance void  
5 .ctor(valuetype System.Security.Permissions.SecurityAction  
6 action)  
7  
8 [C#]  
9 public DnsPermissionAttribute(SecurityAction action)
```

## 9 Summary

10 Constructs a new instance of the  
11 **System.Net.DnsPermissionAttribute** class with the specified  
12 **System.Security.Permissions.SecurityAction** value.

## 13 Parameters

Parameter	Description
<i>action</i>	A <b>System.Security.Permissions.SecurityAction</b> value.

## 16 17 Exceptions

Exception	Condition
<b>System.ArgumentException</b>	<i>action</i> is not a valid <b>System.Security.Permissions.SecurityAction</b> value.

20  
21  
22

# 1 DnsPermissionAttribute.CreatePermission 2 () Method

```
3 [ILASM]  
4 .method public hidebysig virtual class  
5 System.Security.IPermission CreatePermission()  
  
6 [C#]  
7 public override IPermission CreatePermission()
```

## 8 Summary

9 Returns a **System.Net.DnsPermission** instance that contains the  
10 security information of the current instance.

## 11 Return Value

12

13 A **System.Net.DnsPermission** object with the security information of  
14 the current instance.

## 15 Description

16 [Note: Applications typically do not call this method; it is intended for  
17 use by the system.

18

19 The security information described by a security attribute is stored in  
20 the metadata of the attribute target, and is accessed by the system at  
21 run-time. The system uses the object returned by this method to  
22 convert the security information of the current instance into the form  
23 stored in metadata.

24

25 This method overrides

26 **System.Security.Permissions.SecurityAttribute.CreatePermissio**  
27 **n.**]

28