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:* 2.0.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.

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DnsPermissionAttribute(System.Security.Permissions.SecurityAction) Constructor

```
[ILAsm]
public rtspecialname specialname instance void .ctor(valuetype
System.Security.Permissions.SecurityAction action)


[C#]
public DnsPermissionAttribute(SecurityAction action)
```

Summary

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

Parameters

Parameter	Description
action	A System.Security.Permissions.SecurityAction value.

Exceptions

Exception	Condition
System.ArgumentException	*action* is not a valid System.Security.Permissions.SecurityAction value.

DnsPermissionAttribute.CreatePermission() Method

```
[ILAsm]
.method public hidebysig virtual class System.Security.IPermission
CreatePermission()

[C#]
public override IPermission CreatePermission()
```

Summary

Returns a `System.Net.DnsPermission` instance that contains the security information of the current instance.

Return Value

A `System.Net.DnsPermission` object with the security information of the current instance.

Description

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

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

This method overrides
`System.Security.Permissions.SecurityAttribute.CreatePermission`.

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