

# Permanent Redirect in ASP.NET 4.0 ("HTTP 301 Moved Permanently")

Published 6/17/2010 by [Shaitender Singh](#)

In this blog I will show the new feature in .Net Framework 4.0 which facilitates Permanent Redirect in your application. Permanent Redirection is really important because over normal course of evolution of a website Paths/end names/directory name/domain name/page name they all tend to change. Every Page which is linked to that page is bound to give you error. So to overcome that problem we use permanent redirection .

**In 4.0 there is new response method for redirecting a Request permanently.** Let's take up a scenario , When we move a page to different location /different directory , it always requires to send "301 Moved Permanently" response to the search engines to keep back the page rank before redirecting to the new page.

**In Pre 4.0 .Net Framework Era –**

Following is code snippet to Permanent Redirection

```
protected void Application_BeginRequest(object sender, EventArgs e)
{
    //Pre 4.0 Framework
    Response.Status = "301 Moved Permanently";
    Response.AddHeader("Location", "new-page.aspx");
    Response.End();
}
```

**In 4.0 .Net Framework -** There is new response method for redirecting a Request permanently.

Here is the code snippet-

```
protected void Application_BeginRequest(object sender, EventArgs e)
{
    // .Net 4.0 Framework
    Response.RedirectPermanent("new-page.aspx")
}
```

#### Reference

- You can see the MSDN documentation for [Response.RedirectPermanent\(\)](#) .
- Check Out more new feature of .Net Framework 4.0 - [Breaking Changes in 4.0](#) .

#### Conclusion

.Net Framework 4.0 arrival has made coding even more simpler.

tags : 4.0, HTTP 301 Moved Permanently, Redirect permanent, response