

<%response.buffer=true%>

<%

' VISITOR IP BLOCKER BY AARON PACKARD, PMP

' For use when blocking pesky users and subnets of IP networks
' Built on 30 June 2006 and refined on 08 July 2006
' (c)2006-2012 - Aaron Packard, PMP - <http://www.aaronpackard.net/>
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' BACKGROUND

' The author of this script was unable find easily obtainable pre-written ASP
' code to perform this function. The author created the necessary code and is
' offering it to anyone at no cost. This code snippet may be freely distributed
' and used by anyone. It should be noted that the author is not an expert ASP
' programmer, and if another person can develop more efficient code - good for
' them!

' GENERAL SETUP INSTRUCTIONS

' 1 Cut and paste this into a suitably named ASP file
' 2 Ensure that a suitable redirect page has been created for banned visitors
' 3 Calls to this script must be at the absolute top of every page that is intended
' to call this script
' 4 Except copyright notice and credit, all other commenting within this script may
' be removed

' SUPPORT

' You may contact the author of this script with questions
' apackard.at.aaronpackard.net

' DISCLAIMER

' NO WARRANTIES, EXPRESSED OR IMPLIED, ARE PROVIDED BY THE AUTHOR OF THIS SCRIPT
' The author is under no obligation, legal or otherwise, to respond to inquiries

' Below is where IP ranges intended to be banned from your site should be indicated
' The syntax is 'begin address octets:end address octets'
' Each range must be separated with a semi-colon (;)

' To block a single address, repeat all octets after the colon
' - example: '192.168.1.128:192.168.1.128'

' To block an entire Class-A block, use the range 0:255
' - example: '192.0.0.0:192.255.255.255'

' To block an entire Class-B block, use the range 0:255
' - example: '192.168.0.0:192.168.255.255'

' To block an entire Class-C block, use the range 0:255
' - example: '192.168.1.0:192.168.1.255'

' To block multiple blocks, use the range x:y
' - example: '192.168.12.0:192.168.22.255'

' This syntax applies to all other network classes

' BEGIN SOURCE CODE

' Note that the ranges below are for example purposes and must be replaced with the
' actual addresses.

 ranges = "192.168.2.0:192.168.2.255;10.1.0.0:10.30.255.255;192.168.14.32:192.168.14.32"

' Below is where the redirect page for banned visitors should be specified:

 BootPage = "http://www.<yourdomain>.com/<path to page>/<pagename>.html "

```
'-----  
' TO MAINTAIN INTENDED FUNCTIONALITY, ALL CODE BELOW THIS REMARK SHOULD  
' NOT BE MODIFIED.  
'-----
```

```
' Grab the visitor IP and split up into an array of octet chunks:  
  octet = split("&Request.ServerVariables("REMOTE_HOST"), ".")
```

```
' Break the ban list into a sequential array for analysis:  
  range = split(";&ranges, ";")
```

```
' Run comparison for each of the ranges:
```

```
for i = 1 to ubound(range)
```

```
  addresses = split("&range(i), ".")  
  begins = split("&addresses(1), ".")  
  ends = split("&addresses(2), ".")
```

```
  ' if visitor IP falls in between a Class-A range:
```

```
    If cint(octet(1)) > cint(begins(1)) then  
      If cint(octet(1)) < cint(ends(1)) then 'Vistor restricted!  
        Response.Redirect(BootPage) ' Boot-em  
      Else  
        ' Move onto next comparison  
      End If  
      ' Move onto next comparison  
    End If
```

```
  ' if visitor IP matches a Class-A BEGIN point and falls in between Class-B ranges:
```

```
    If cint(octet(1)) = cint(begins(1)) then  
      If cint(octet(2)) > cint(begins(2)) then  
        If cint(octet(2)) < cint(ends(2)) then 'Vistor restricted!  
          Response.Redirect(BootPage) ' Boot-em  
        Else  
          ' Move onto next comparison  
        End If  
      Else  
        ' Move onto next comparison  
      End If  
    Else  
      ' Move onto next comparison  
    End If
```

```
  ' if visitor IP matches a Class-A END point and falls in between Class-B ranges:
```

```
    If cint(octet(1)) = cint(ends(1)) then  
      If cint(octet(2)) > cint(begins(2)) then  
        If cint(octet(2)) < cint(ends(2)) then 'Vistor restricted!  
          Response.Redirect(BootPage) ' Boot-em  
        Else  
          ' Move onto next comparison  
        End If  
      Else  
        ' Move onto next comparison  
      End If  
    Else  
      ' Move onto next comparison  
    End If
```

```
  ' if visitor IP matches a Class-A BEGIN point, matches a Class-B BEGIN point, and falls in between Class-C  
  range:
```

```
    If cint(octet(1)) = cint(begins(1)) then
```

```

    If ci nt(octet(2)) = ci nt(begins(2)) then
      If ci nt(octet(3)) < ci nt(begins(3)) then
        If ci nt(octet(3)) > ci nt(ends(3)) then 'Vi stor restri cted!
          Response. Redi rect(BootPage) ' Boot-em
        Else
          'Move onto next comparison
        End If
      Else
        'Move onto next comparison
      End If
    Else
      'Move onto next comparison
    End If
  Else
    'Move onto next comparison
  End If

```

'if visitor IP matches a Class-A BEGIN point, matches a Class-B BEGIN point, matches a Class-C BEGIN point, and falls within a range:

```

    If ci nt(octet(1)) = ci nt(begins(1)) then
      If ci nt(octet(2)) = ci nt(begins(2)) then
        If ci nt(octet(3)) = ci nt(begins(3)) then
          If ci nt(octet(4)) >= ci nt(begins(4)) then
            If ci nt(octet(4)) <= ci nt(ends(4)) then 'Vi stor restri cted!
              Response. Redi rect(BootPage) ' Boot-em
            Else
              'Move onto next comparison
            End If
          Else
            'Move onto next comparison
          End If
        Else
          'Move onto next comparison
        End If
      Else
        'Move onto next comparison
      End If
    Else
      'Move onto next comparison
    End If

```

'if visitor IP matches a Class-A BEGIN point, matches a Class-B BEGIN point, matches a Class-C END point, and falls within a range:

```

    If ci nt(octet(1)) = ci nt(begins(1)) then
      If ci nt(octet(2)) = ci nt(begins(2)) then
        If ci nt(octet(3)) = ci nt(ends(3)) then
          If ci nt(octet(4)) >= ci nt(begins(4)) then
            If ci nt(octet(4)) <= ci nt(ends(4)) then 'Vi stor restri cted!
              Response. Redi rect(BootPage) ' Boot-em
            Else
              'Move onto next comparison
            End If
          Else
            'Move onto next comparison
          End If
        Else
          'Move onto next comparison
        End If
      Else
        'Move onto next comparison
      End If
    Else
      'Move onto next comparison
    End If

```

```
Else
    'Move onto next comparison
End If
```

'if visitor IP matches a Class-A BEGIN point, matches a Class-B END point, and falls in between Class-C range:

```
If cint(octet(1)) = cint(begins(1)) then
    If cint(octet(2)) = cint(ends(2)) then
        If cint(octet(3)) >= cint(begins(3)) then
            If cint(octet(3)) <= cint(ends(3)) then 'Vistor restricted!
                Response.Redirect(BootPage) 'Boot-em
            Else
                'Move onto next comparison
            End If
        Else
            'Move onto next comparison
        End If
    Else
        'Move onto next comparison
    End If
Else
    'Move onto next comparison
End If
```

'if visitor IP matches a Class-A BEGIN point, matches a Class-B END point, matches a Class-C BEGIN point, and falls within a range:

```
If cint(octet(1)) = cint(begins(1)) then
    If cint(octet(2)) = cint(ends(2)) then
        If cint(octet(3)) = cint(begins(3)) then
            If cint(octet(4)) >= cint(begins(4)) then
                If cint(octet(4)) <= cint(ends(4)) then 'Vistor restricted!
                    Response.Redirect(BootPage) 'Boot-em
                Else
                    'Move onto next comparison
                End If
            Else
                'Move onto next comparison
            End If
        Else
            'Move onto next comparison
        End If
    Else
        'Move onto next comparison
    End If
Else
    'Move onto next comparison
End If
```

'if visitor IP matches a Class-A BEGIN point, matches a Class-B END point, matches a Class-C END point, and falls within a range:

```
If cint(octet(1)) = cint(begins(1)) then
    If cint(octet(2)) = cint(ends(2)) then
        If cint(octet(3)) = cint(ends(3)) then
            If cint(octet(4)) >= cint(begins(4)) then
                If cint(octet(4)) <= cint(ends(4)) then 'Vistor restricted!
                    Response.Redirect(BootPage) 'Boot-em
                Else
                    'Move onto next comparison
                End If
            Else
                'Move onto next comparison
            End If
        Else
            'Move onto next comparison
        End If
    Else
        'Move onto next comparison
    End If
```

```

        End If
    Else
        'Move onto next comparison
    End If
Else
    'Move onto next comparison
End If
Else
    'Move onto next comparison
End If

```

'if visitor IP matches a Class-A END point, matches a Class-B BEGIN point, and falls in between Class-C range:

```

If cint(octet(1)) = cint(ends(1)) then
    If cint(octet(2)) = cint(begins(2)) then
        If cint(octet(3)) < cint(begins(3)) then
            If cint(octet(3)) > cint(ends(3)) then 'Vistor restricted!
                Response.Redirect(BootPage) 'Boot-em
            Else
                'Move onto next comparison
            End If
        Else
            'Move onto next comparison
        End If
    Else
        'Move onto next comparison
    End If
Else
    'Move onto next comparison
End If
Else
    'Move onto next comparison
End If

```

'if visitor IP matches a Class-A END point, matches a Class-B BEGIN point, matches a Class-C BEGIN point, and falls within a range:

```

If cint(octet(1)) = cint(ends(1)) then
    If cint(octet(2)) = cint(begins(2)) then
        If cint(octet(3)) = cint(begins(3)) then
            If cint(octet(4)) >= cint(begins(4)) then
                If cint(octet(4)) <= cint(ends(4)) then 'Vistor restricted!
                    Response.Redirect(BootPage) 'Boot-em
                Else
                    'Move onto next comparison
                End If
            Else
                'Move onto next comparison
            End If
        Else
            'Move onto next comparison
        End If
    Else
        'Move onto next comparison
    End If
Else
    'Move onto next comparison
End If
Else
    'Move onto next comparison
End If

```

'if visitor IP matches a Class-A END point, matches a Class-B BEGIN point, matches a Class-C END point, and falls within a range:

```

If cint(octet(1)) = cint(ends(1)) then
    If cint(octet(2)) = cint(begins(2)) then
        If cint(octet(3)) = cint(ends(3)) then
            If cint(octet(4)) >= cint(begins(4)) then

```

```

        If cint(octet(4)) <= cint(ends(4)) then 'Vistor restricted!
            Response. Redi rect(BootPage) ' Boot-em
        Else
            'Move onto next comparison
        End If
    Else
        'Move onto next comparison
    End If
Else
    'Move onto next comparison
End If
Else
    'Move onto next comparison
End If
Else
    'Move onto next comparison
End If
Else
    'Move onto next comparison
End If

```

'if visitor IP matches a Class-A END point, matches a Class-B END point, and falls in between Class-C range:

```

If cint(octet(1)) = cint(ends(1)) then
    If cint(octet(2)) = cint(ends(2)) then
        If cint(octet(3)) < cint(begins(3)) then
            If cint(octet(3)) > cint(ends(3)) then 'Vistor restricted!
                Response. Redi rect(BootPage) ' Boot-em
            Else
                'Move onto next comparison
            End If
        Else
            'Move onto next comparison
        End If
    Else
        'Move onto next comparison
    End If
Else
    'Move onto next comparison
End If

```

'if visitor IP matches a Class-A END point, matches a Class-B END point, matches a Class-C BEGIN point, and falls within a range:

```

If cint(octet(1)) = cint(ends(1)) then
    If cint(octet(2)) = cint(ends(2)) then
        If cint(octet(3)) = cint(begins(3)) then
            If cint(octet(4)) >= cint(begins(4)) then
                If cint(octet(4)) <= cint(ends(4)) then 'Vistor restricted!
                    Response. Redi rect(BootPage) ' Boot-em
                Else
                    'Move onto next comparison
                End If
            Else
                'Move onto next comparison
            End If
        Else
            'Move onto next comparison
        End If
    Else
        'Move onto next comparison
    End If
Else
    'Move onto next comparison
End If

```

```

'if visitor IP matches a Class-A END point, matches a Class-B END point, matches a Class-C END point, and
falls within a range:
  If cint(octet(1)) = cint(ends(1)) then
    If cint(octet(2)) = cint(ends(2)) then
      If cint(octet(3)) = cint(ends(3)) then
        If cint(octet(4)) >= cint(begins(4)) then
          If cint(octet(4)) <= cint(ends(4)) then 'Visitor restricted!
            Response.Redirect(BootPage) 'Boot-em
          Else
            'Move onto next comparison
          End If
        Else
          'Move onto next comparison
        End If
      Else
        'Move onto next comparison
      End If
    Else
      'Move onto next comparison
    End If
  Else
    'Move onto next comparison
  End If
End If

Next
'If the visiting IP address doesn't match any conditions during the count, the visitor passes.
%>

```