

IIS 7: Allow One IP Address, Block All Others

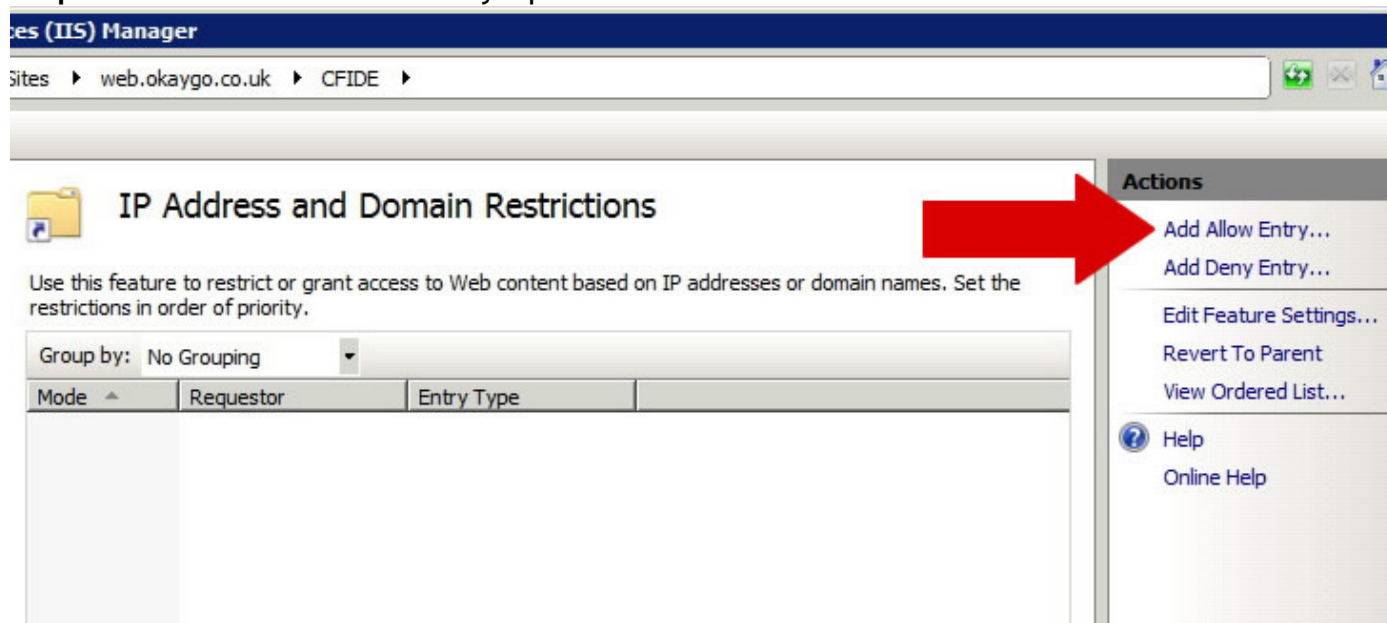
Posted At : October 18, 2012 6:05 AM | Posted By : Stefan Richter

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Today I found myself having to configure IIS under Windows Server 2008 and I needed to restrict access to a specific directory by IP address. It was quite tricky to figure out how to do this due to Microsoft's idiotic way of presenting what could easily be a straight forward user interface operation...

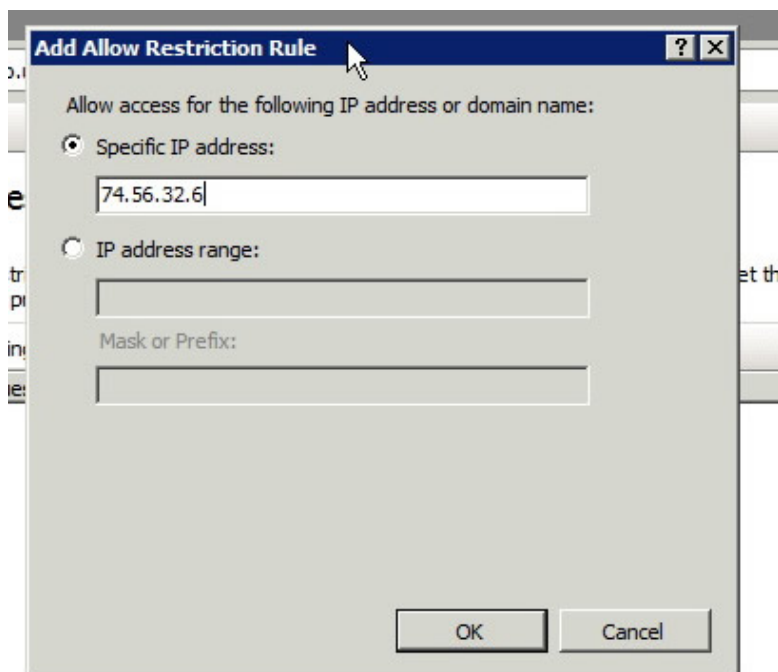
What follows are the steps involved to block all IPs in IIS, and granting access to one specific IP. As far as I can tell this will work both on a site and a directory level (in my case it was a virtual directory that needed restricting).

Step 1: Click the 'Add Allow entry' option

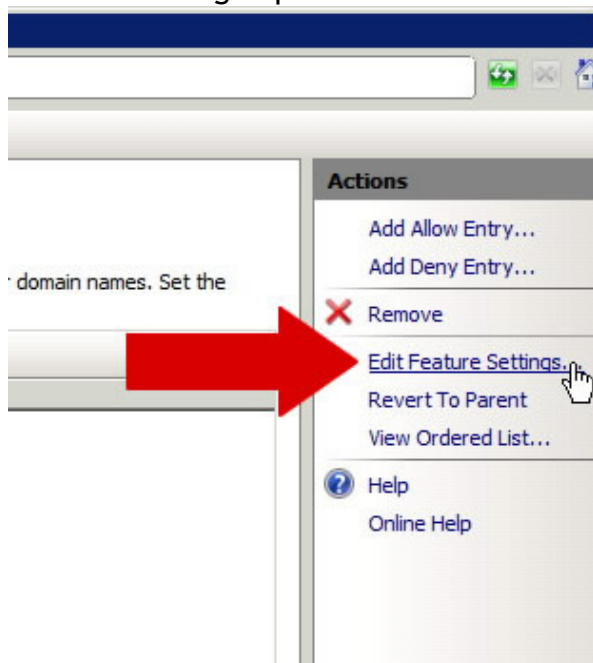


The screenshot shows the IIS Manager interface. The breadcrumb path is Sites > web.okaygo.co.uk > CFIDE. The main area is titled 'IP Address and Domain Restrictions' and contains a description: 'Use this feature to restrict or grant access to Web content based on IP addresses or domain names. Set the restrictions in order of priority.' Below this is a 'Group by:' dropdown set to 'No Grouping' and a table with columns 'Mode', 'Requestor', and 'Entry Type'. The table is currently empty. On the right side, there is an 'Actions' menu with the following options: 'Add Allow Entry...', 'Add Deny Entry...', 'Edit Feature Settings...', 'Revert To Parent', 'View Ordered List...', 'Help', and 'Online Help'. A large red arrow points from the 'Add Allow Entry...' option to the main content area.

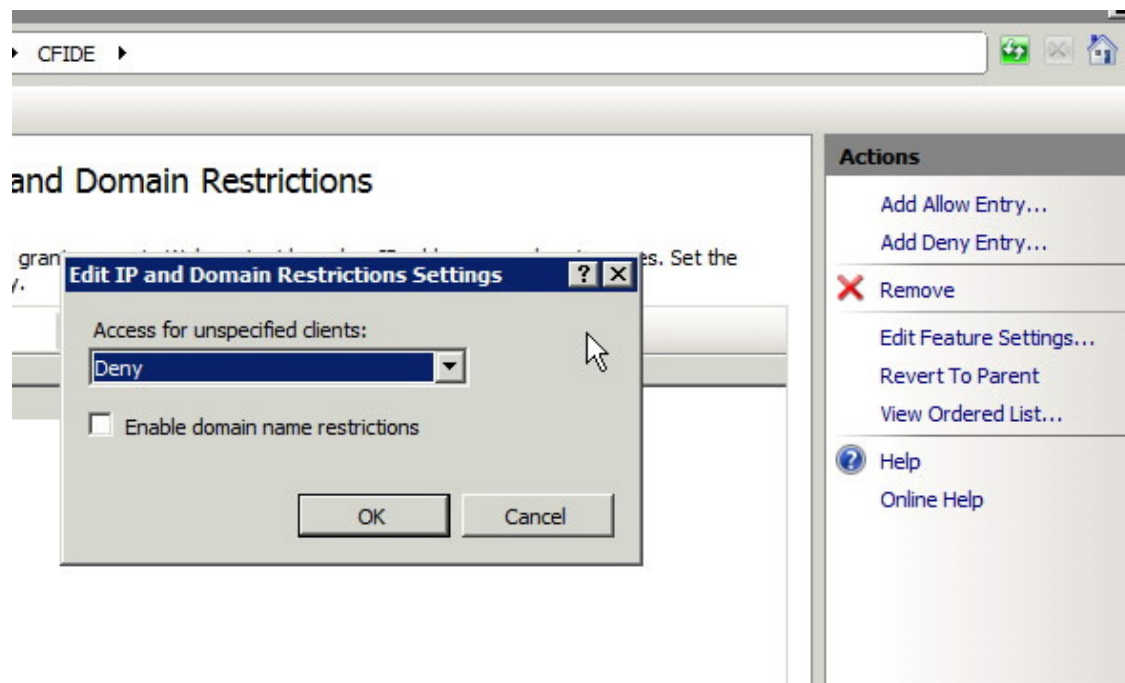
Step 2: Add the IP address you wish to allow access



Step 3: Select the IP entry in the list (there's only one in this case) and then click the 'Edit Feature Settings' option



Step 4: Select 'Deny' in the dropdown menu - this blocks all IPs that are not listed



Hope this helps someone.