How-to:

Configure IP Restrictions in IIS 8

These steps should work just fine for IIS 7 as well as the so-called IIS 7.5 and IIS 8.5 which came with Server 2008 R2 and Server 2012 R2 respectively.

1. Open the IIS Manager.

2. Click on the IP Address and Domain Restrictions feature in the feature pane under the IIS section.

3. In the IP Address and Domain Restrictions section there are a couple of options. How this is handled is up to the IIS Server Administrator and/or Network Team of the organization. The Edit Feature Settings link will determine how IIS restricts IP addresses.

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4. Decide if the server will **Allow** all IP addresses unless blocked (aka Blacklisting) or if the server will **Deny** all IP addresses unless allowed (aka whitelisting).

5. Once the restriction mode is determined, use **Add Allow Entry** to allow an IP address (or range of IP addresses) in when in **Deny** mode or use **Add Deny Entry** to block a specific IP address (or a range of IP addresses) when in **Allow** mode.
   a. To create a rule for a specific IP Address, select **Specific IP Address** and enter the client IP address in the provided dialog box.
   b. To create a rule for a range of IP addresses, select **IP address range** and enter the subnet and subnet mask in the provided textboxes. For example, to permit access to all IP addresses in the range from 192.168.8.0 to 192.168.8.8 then enter the subnet as 192.168.8.0 and subnet mask as the 255.0.0.0.

6. After entering the details for either an **Allow** or **Deny** entry, click **OK** to add the rule.

   For more detailed information directly from Microsoft, try starting here:

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