

## SharePoint 2010 – Anonymous access, extended web application and search

Recently, I discovered a strange thing with SharePoint 2010: anonymous access never had any search results while authenticated user had.

Here is the situation – you must have Search Application Service and a search center already available:

- Create web application with the following settings (other don't matters):
  - **Authentication:** classic mode
  - **Port:** 80
  - **Host header:** set with internal URL (such as intranet.sharepoint.contoso.local)
  - **Authentication provider:** NTLM
  - **Anonymous access:** No
- Create a root site collection and add some content (doesn't matter the template used)
- Extend the new web application with the following settings:
  - **Port:** 80
  - **Host header:** set with public URL (such as intranet.contoso.com)
  - **Authentication provider:** NTLM
  - **Anonymous access:** Yes
  - **Zone:** Internet
- Allow anonymous access to all the web site (from the Site Settings)
- Launch a full crawl from the Search Administration
- Then connect to the web site using **internal URL** and do a search which should provide results >>  
You have results
- Do the same using the **public URL** >> You have no results; sign in and re do the search, you have now results

Interesting no?

The solution is to **allow anonymous access** when creating the web application.

I have not yet identified where the issue is coming from.