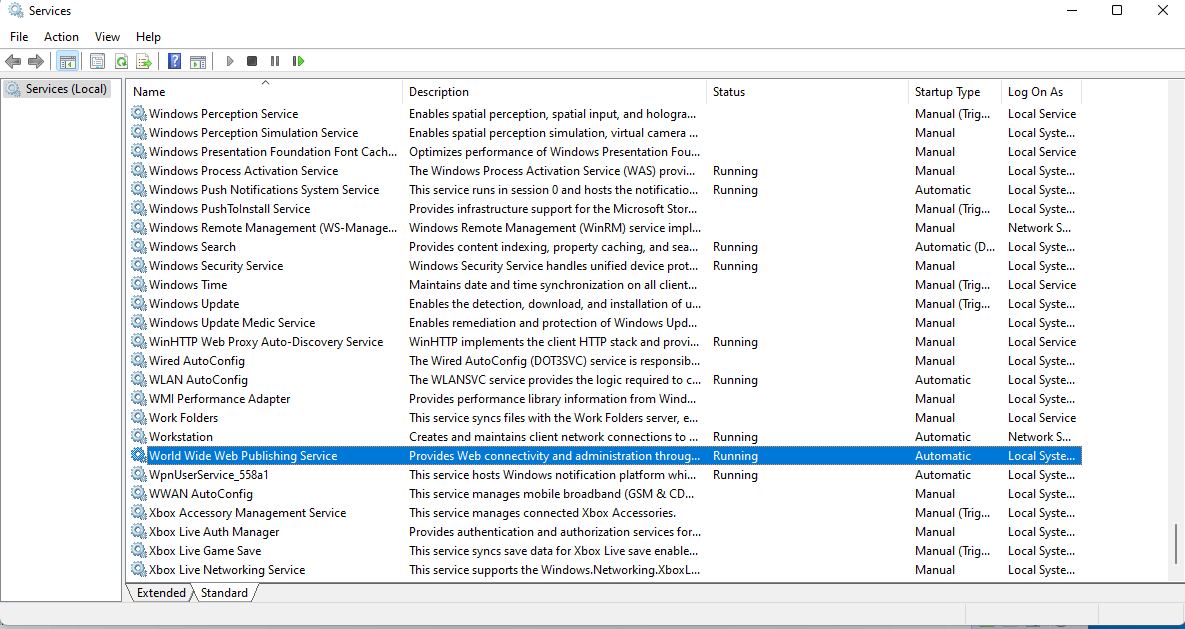
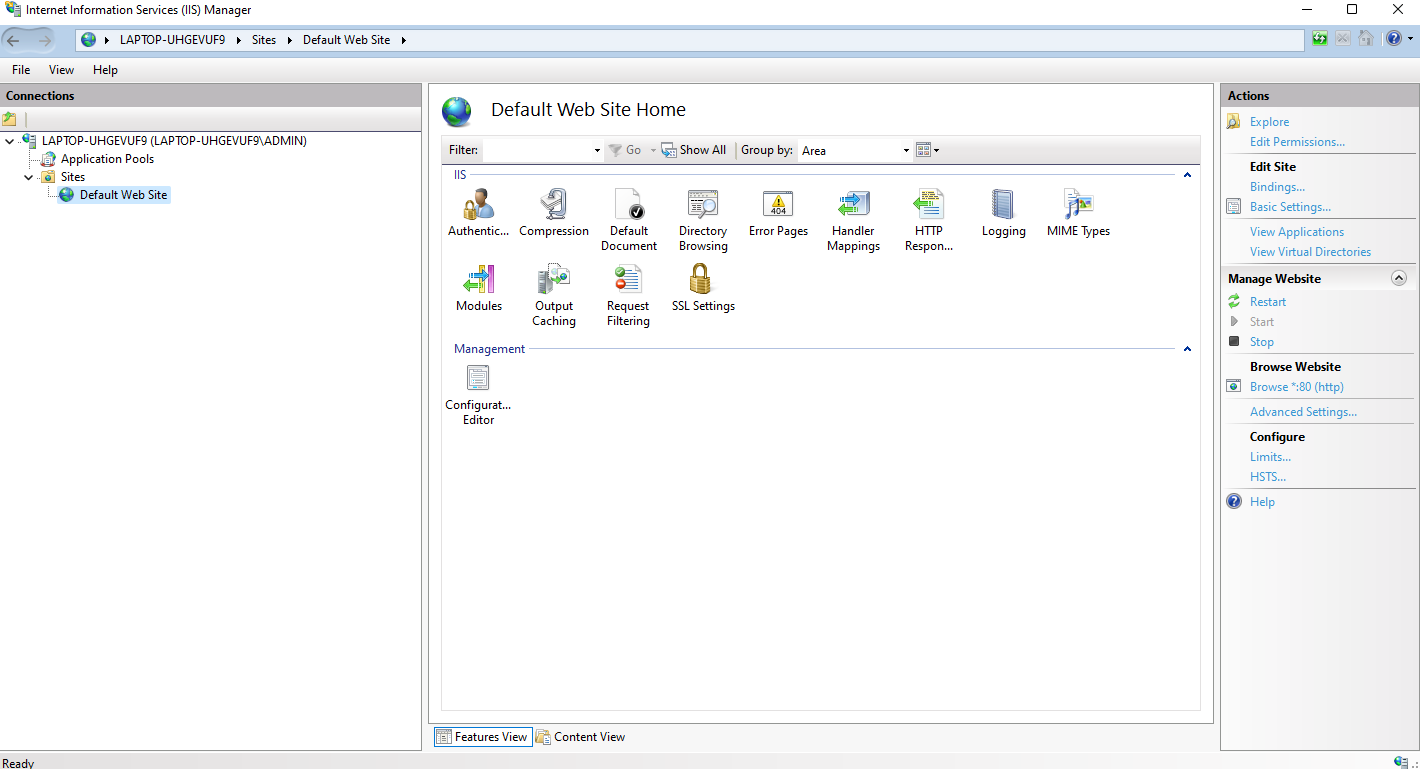
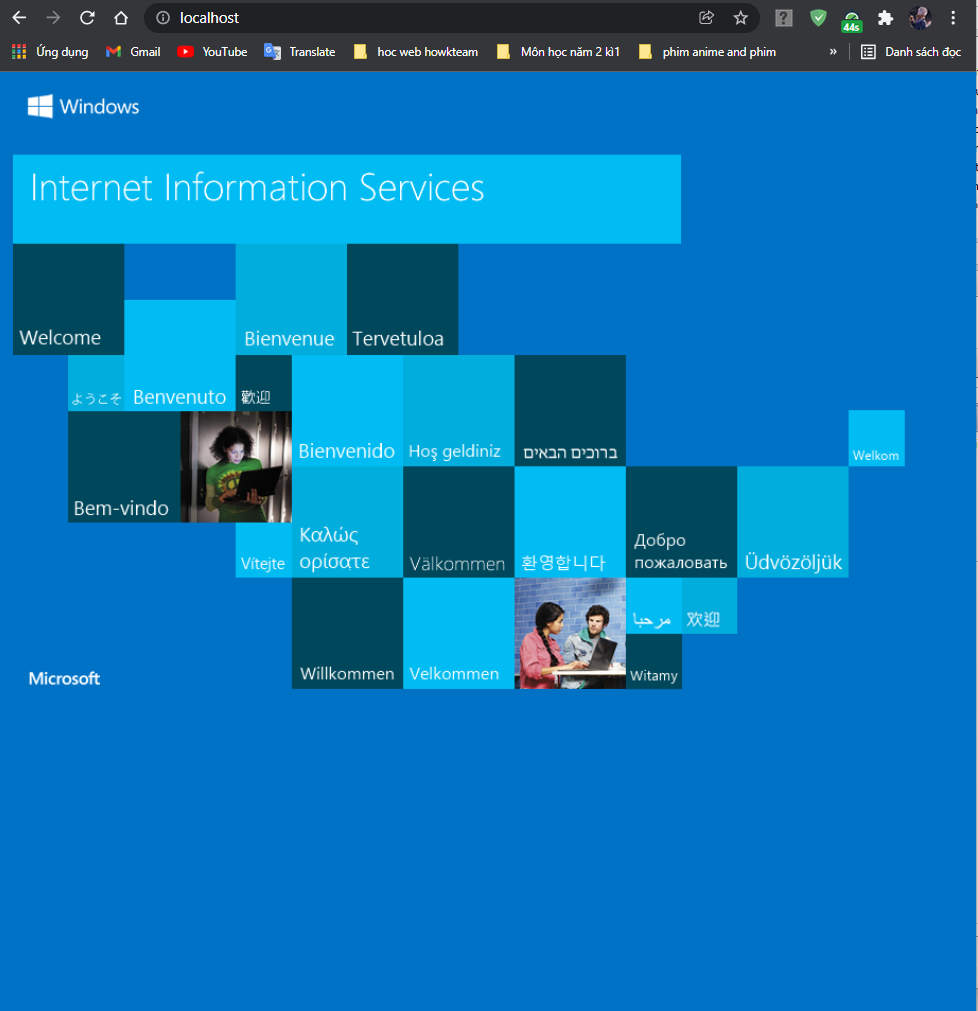
USTH-BS3 – Web Security -Lab 05: Securing web servers (about 1.5 hour)

1. Have Microsoft IIS installed

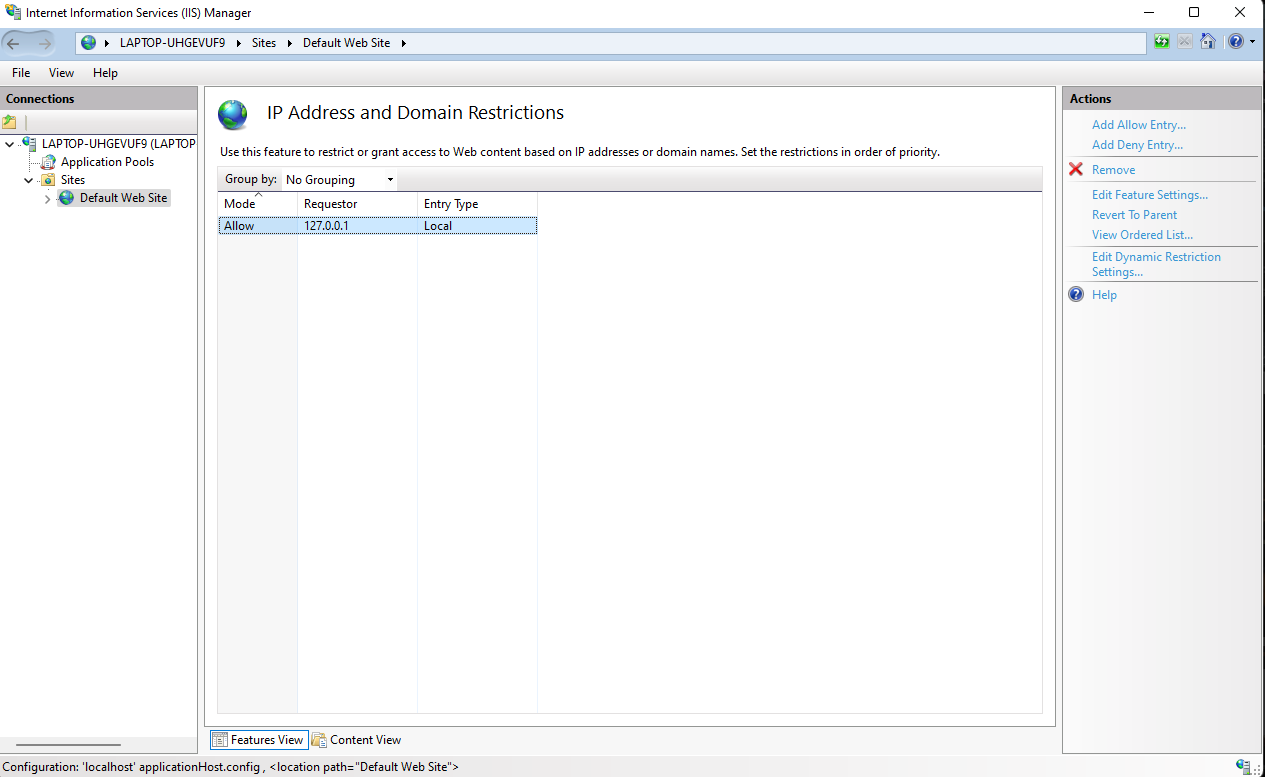
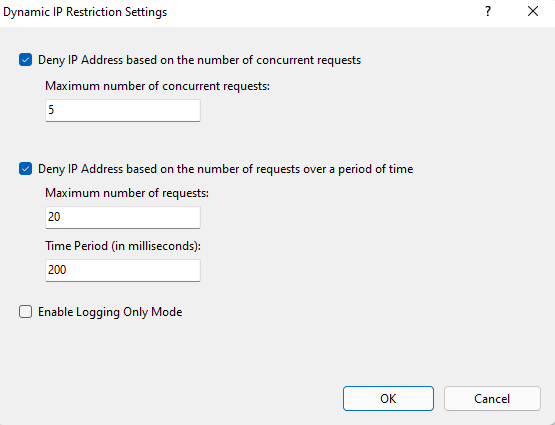


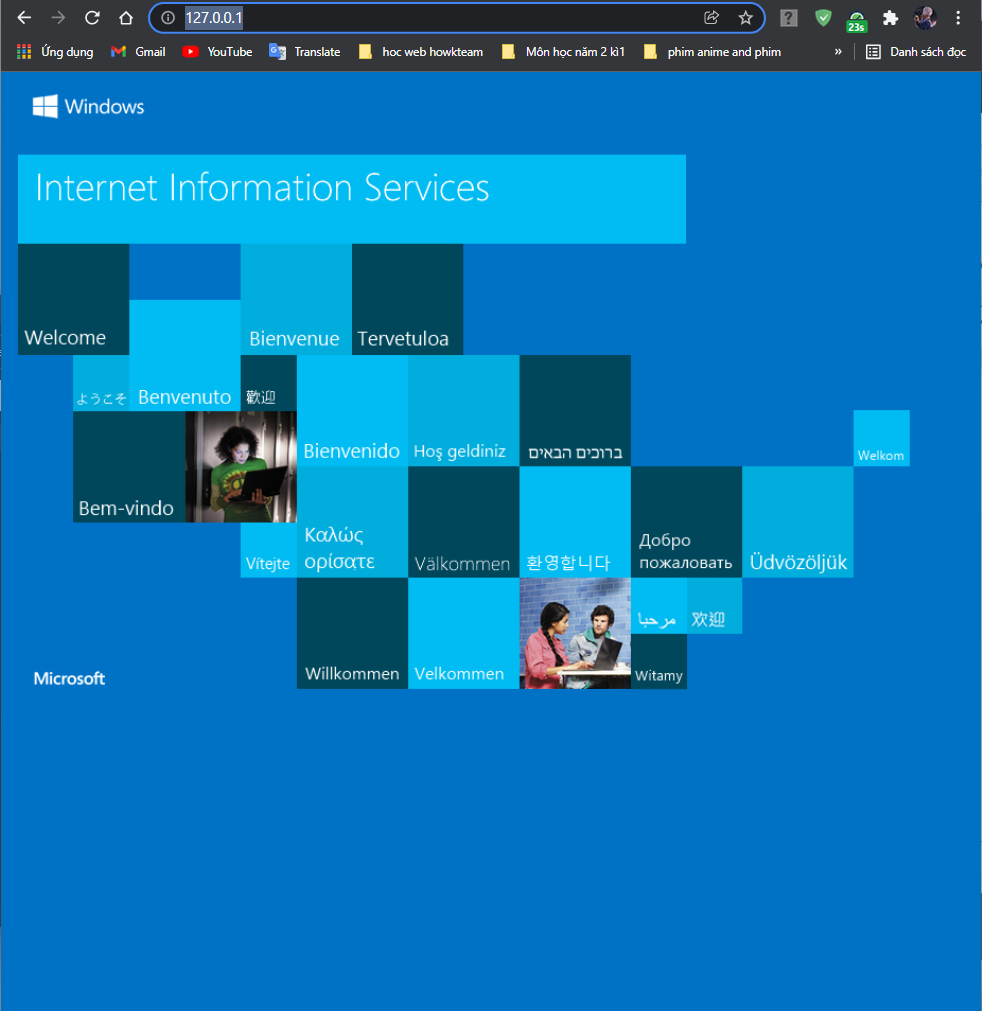
2. Have Microsoft IIS working with default website



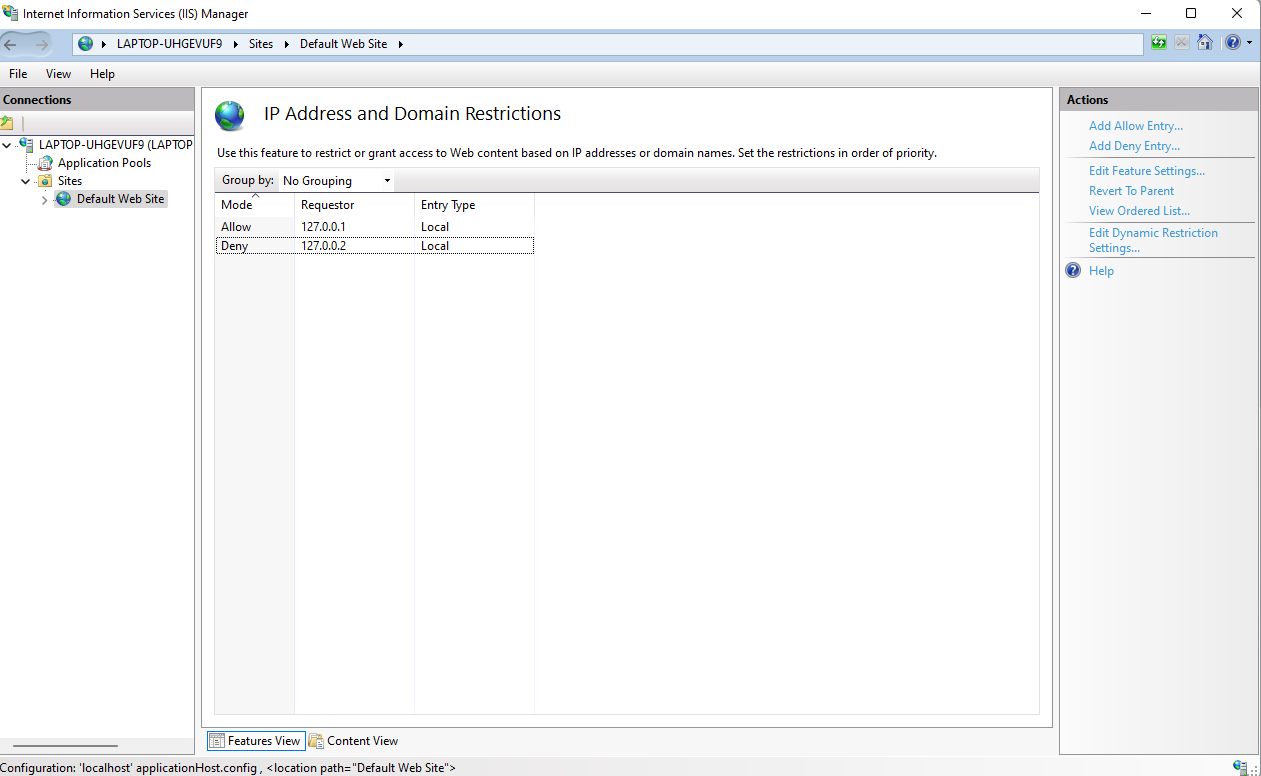


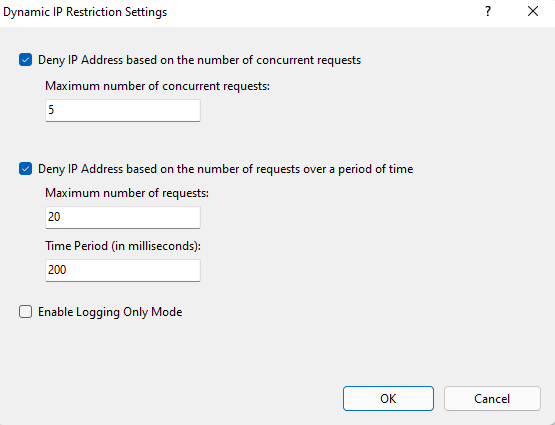
3. Enable an allow IP and access the default website from web browser

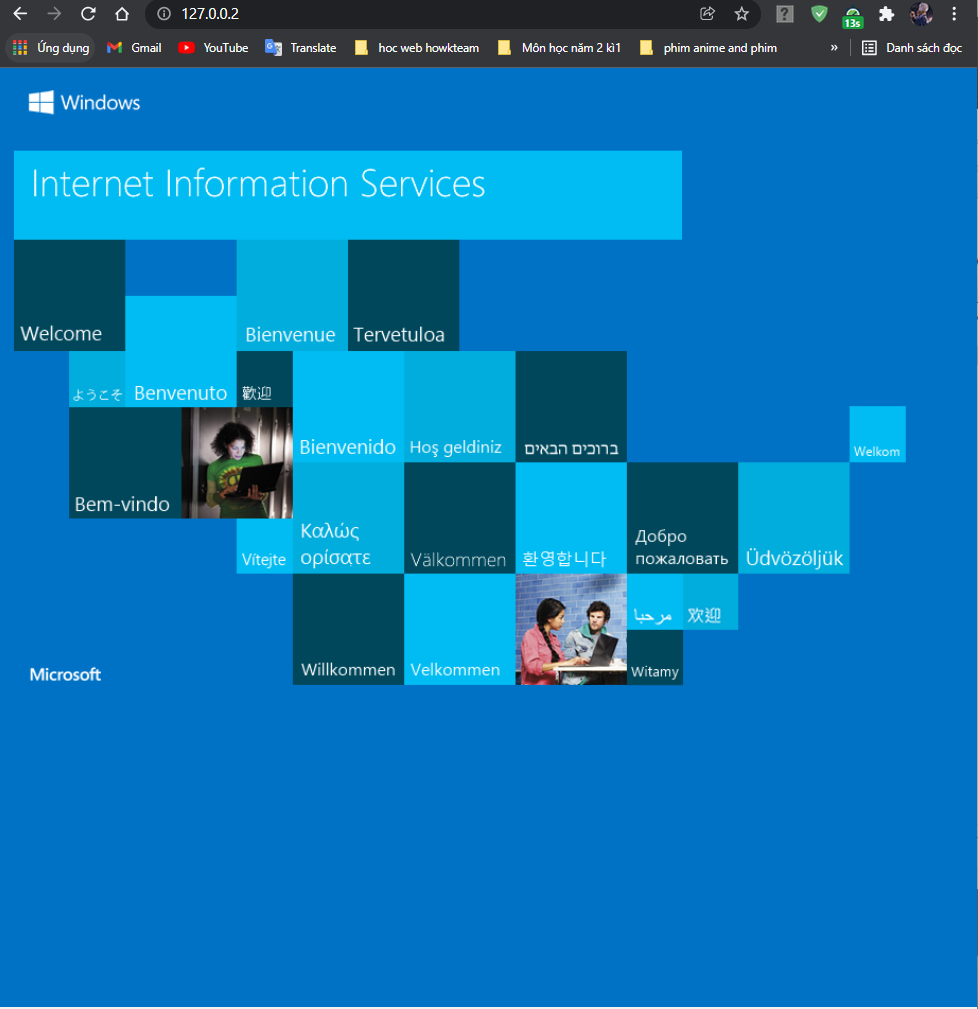
 



4. Enable a deny IP and access the default website from web browser







5. Enable Dynamic Restriction Settings for the website and use hping3 to send large amount of request to the

website and view the results (hping3 is available in Kali Linux or you can get it from

http://www.hping.org/download.html).

Ex: send SYN flood to < target> with random source IPs:

hping3 <target> -q -d 120 -S -p 80 --flood --rand-source

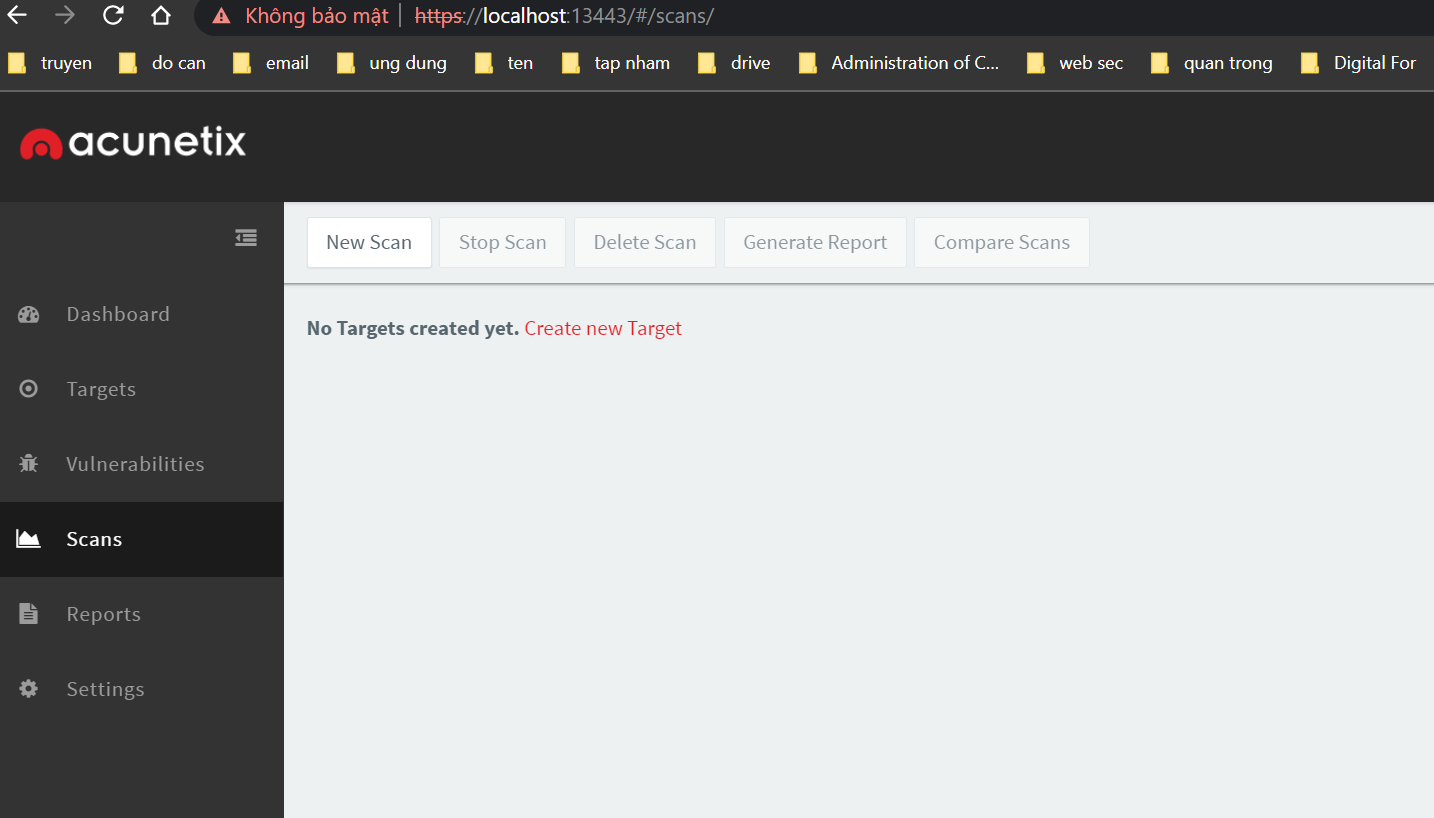
3.1. Download and install Acunetix web vulnerability scanner

+ Information about Acunetix web vulnerability scanner can be found at

https://www.acunetix.com/vulnerability-scanner/

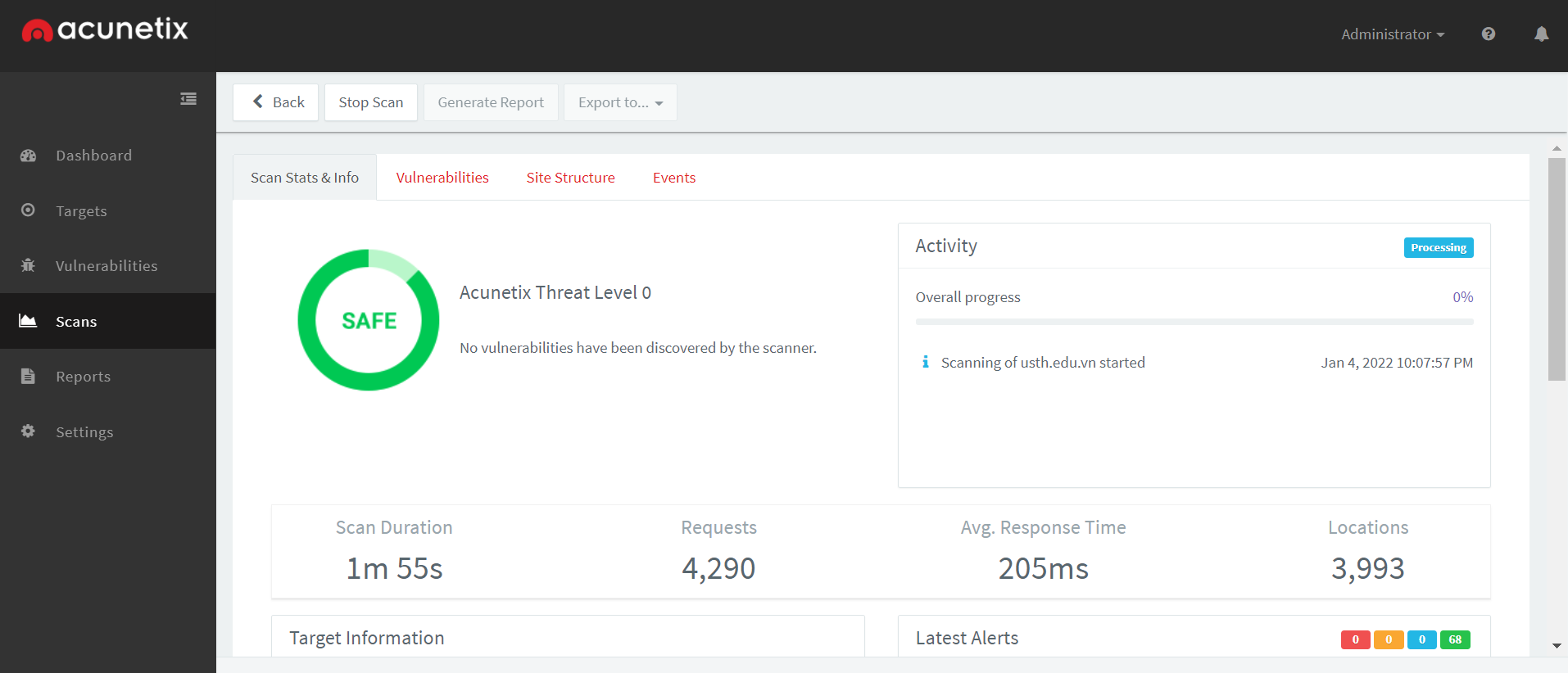
+ Get a trail copy at:

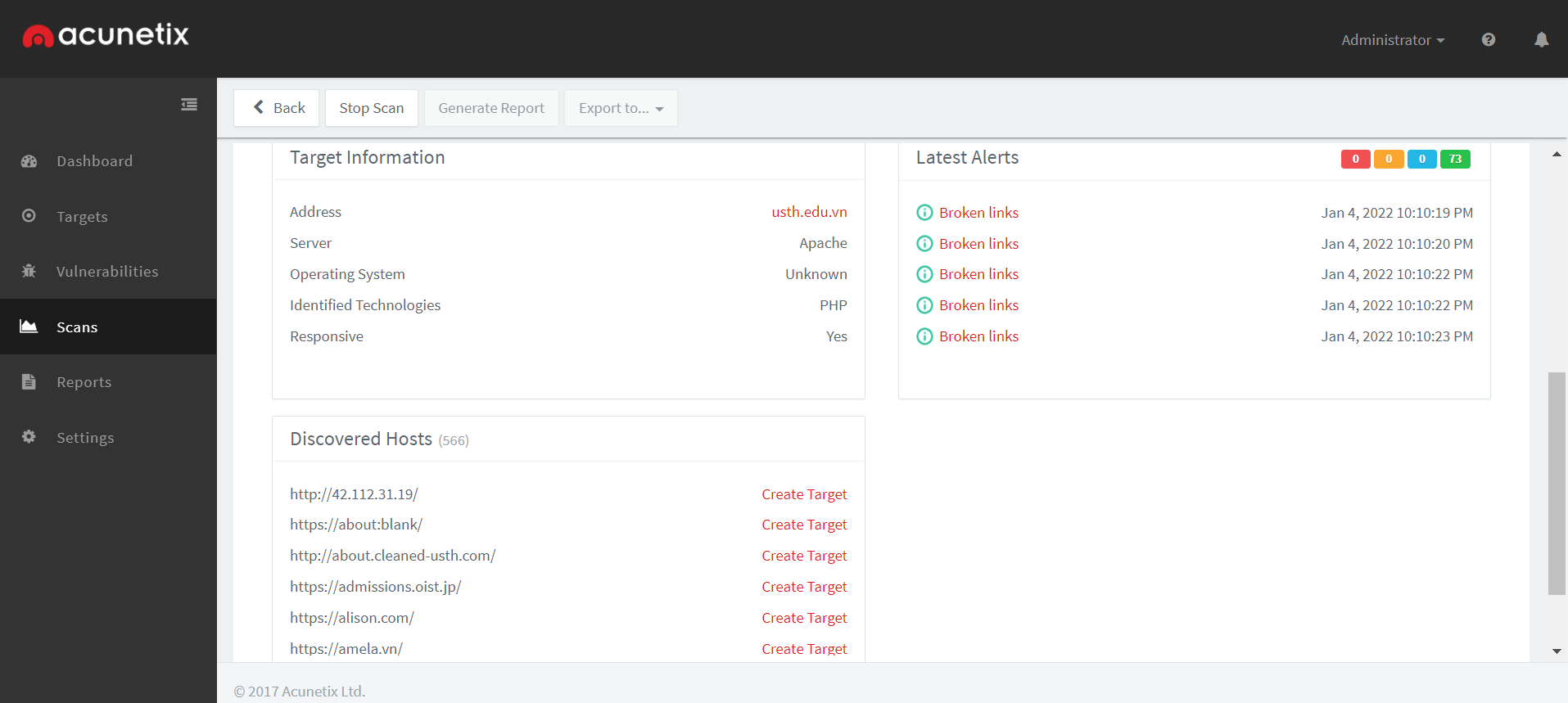
+ Install on your machine if you do not have one ready.



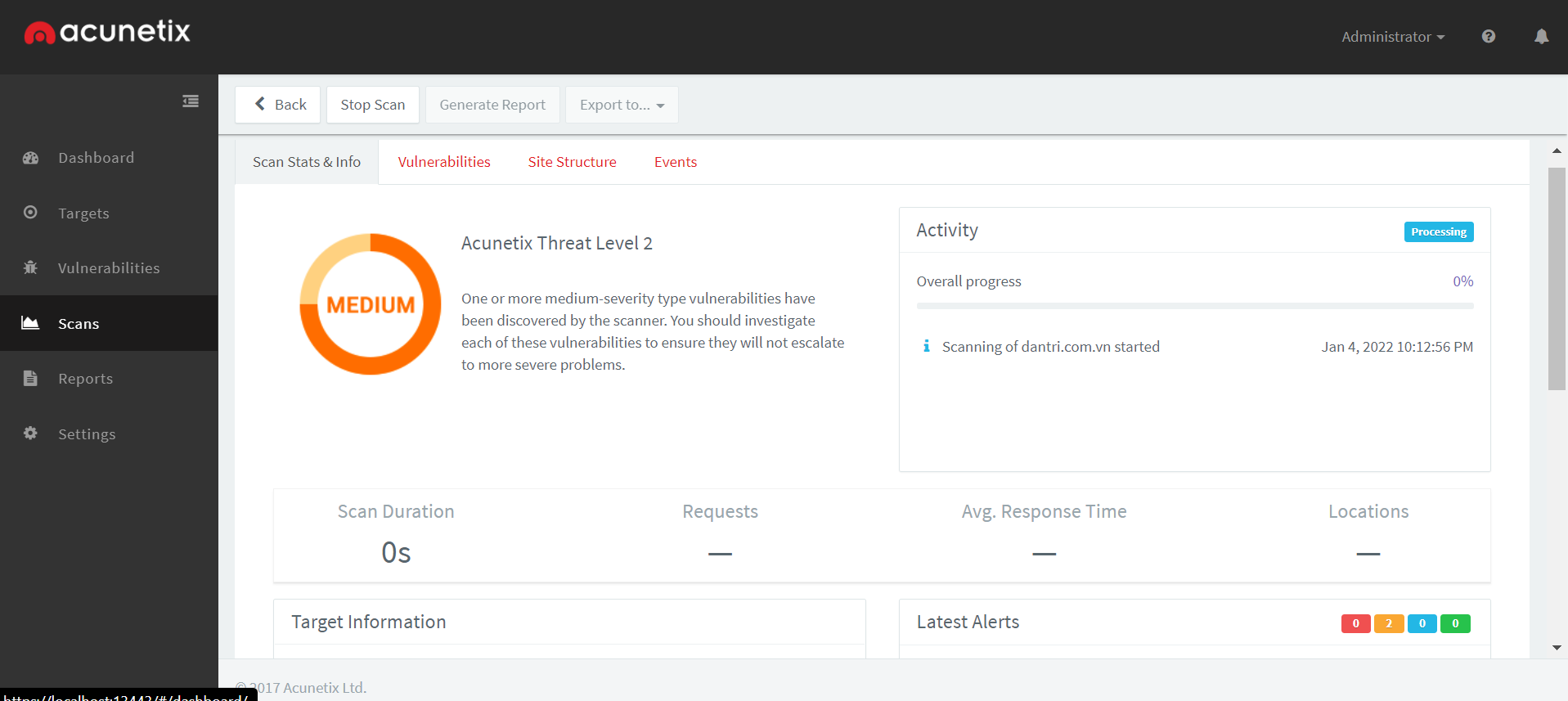
3.2. Use Acunetix to scan some websites:

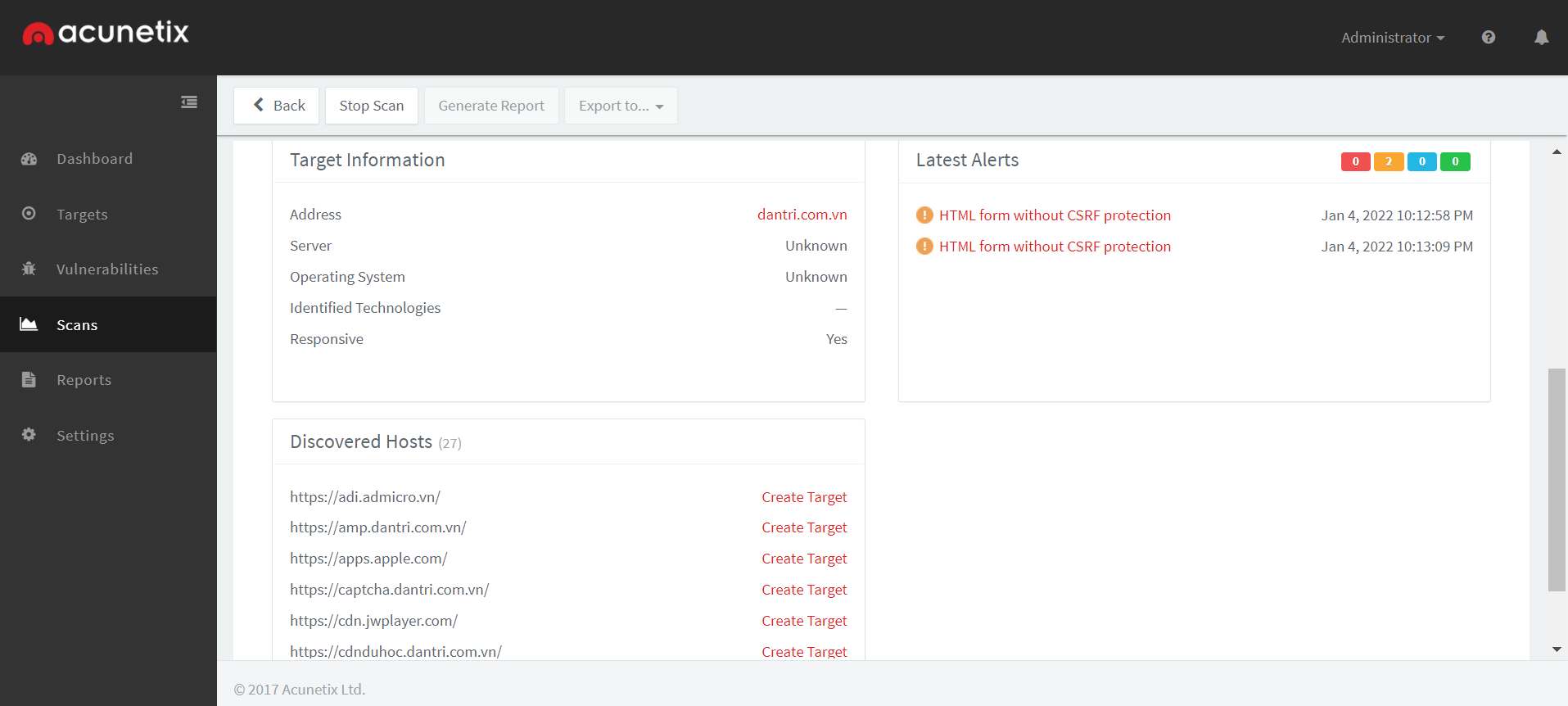
+ <https://usth.edu.vn>



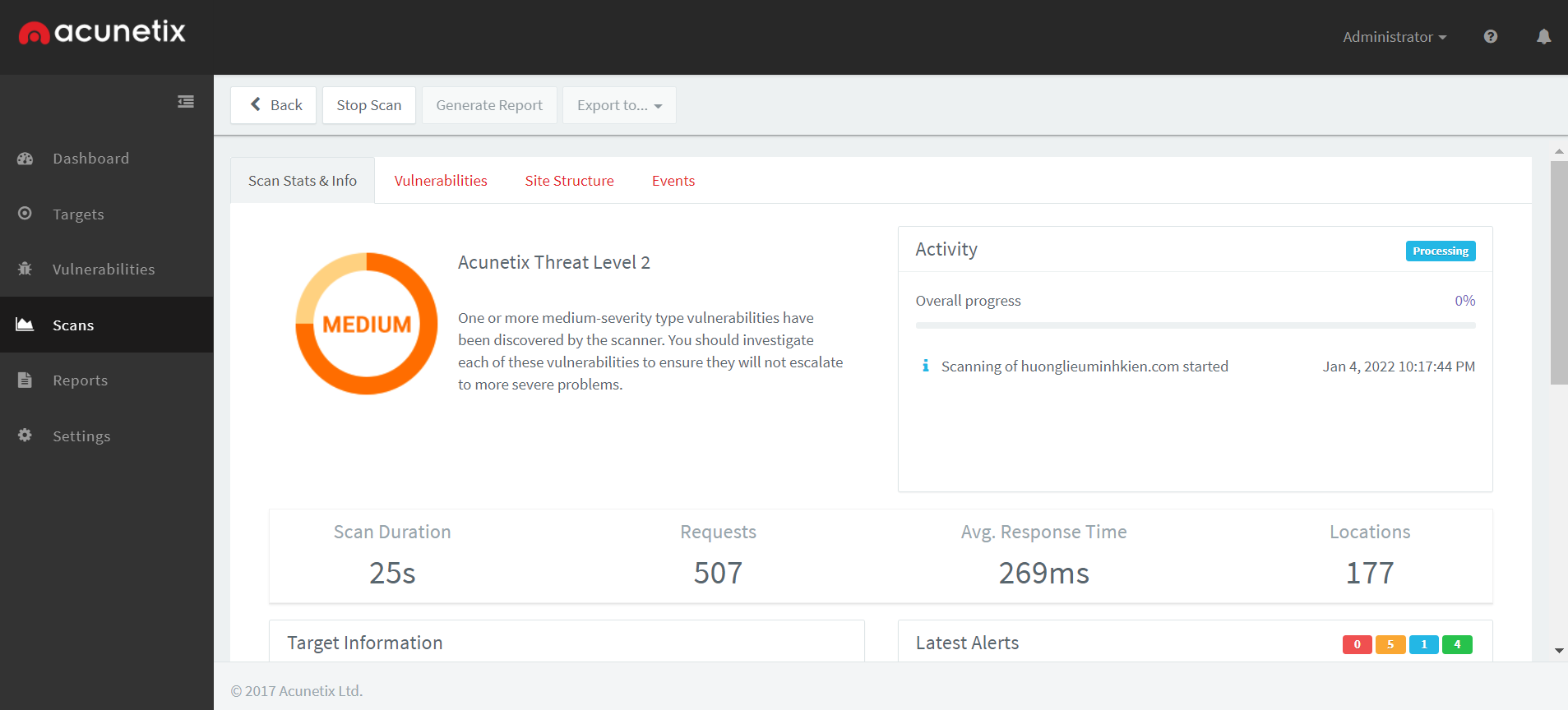


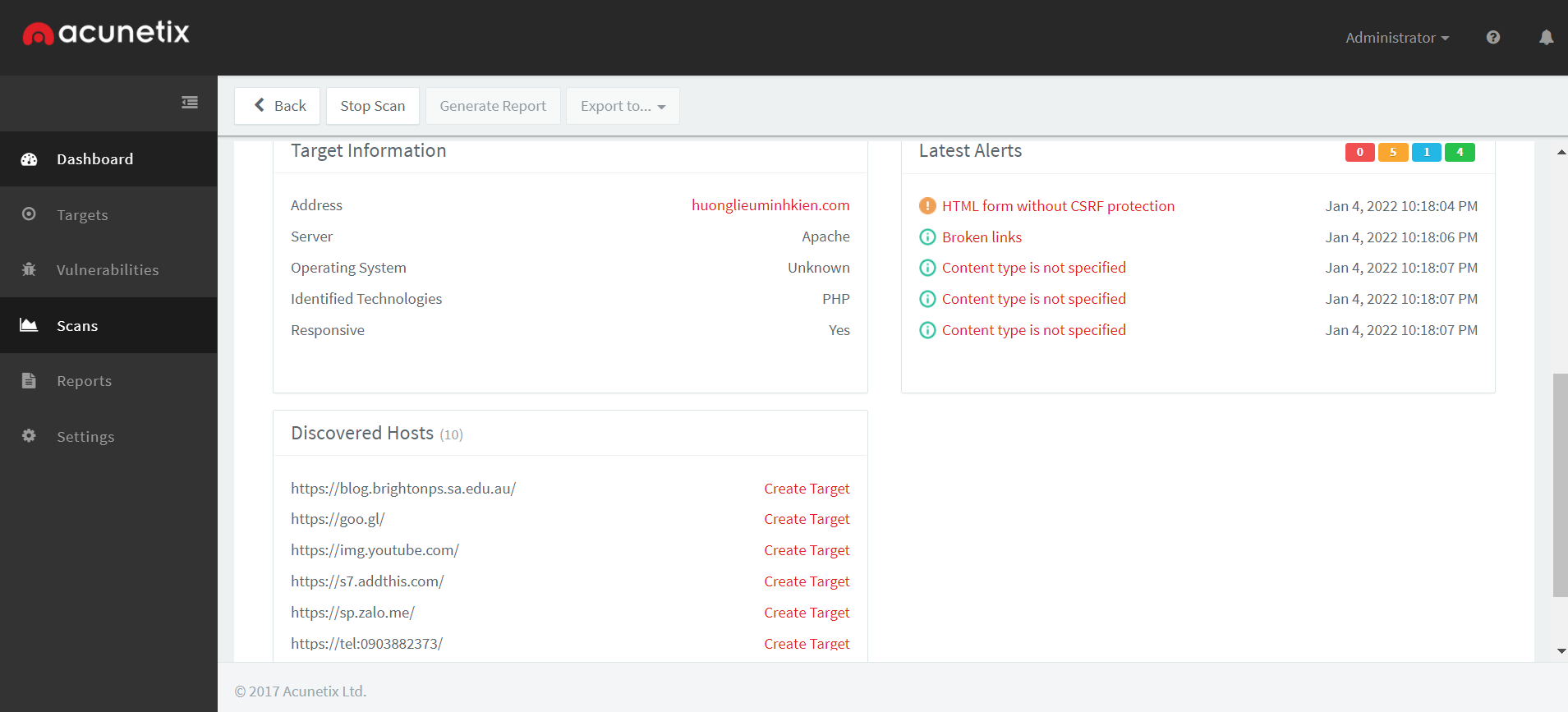
+ <http://dantri.com.vn>





+ <https://huonglieuminhkien.com>





3.3. Analyze the scanned reports

+ <http://dantri.com.vn>

<https://drive.google.com/file/d/1Bz0HIctgDnGr6jmQG923ZwGfiCThTb1t/view?usp=sharing>

+ <https://huonglieuminhkien.com>

<https://drive.google.com/file/d/1Hiqa7M984zDCqLksinf67nzDMxNFFNT3/view?usp=sharing>

+ <https://usth.edu.vn>

<https://drive.google.com/file/d/13r72Jj3YgGfD-HAPQocLJ5DQxW6dfhLt/view?usp=sharing>