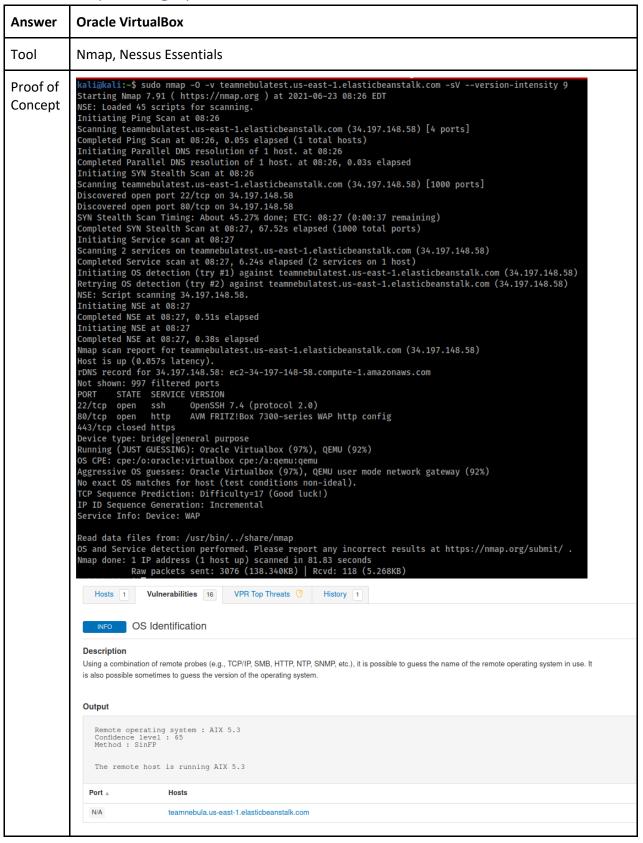
1	In	hal	ltsv	erz	eic	hnis
_				C	$\sim$ 1 $\sim$	

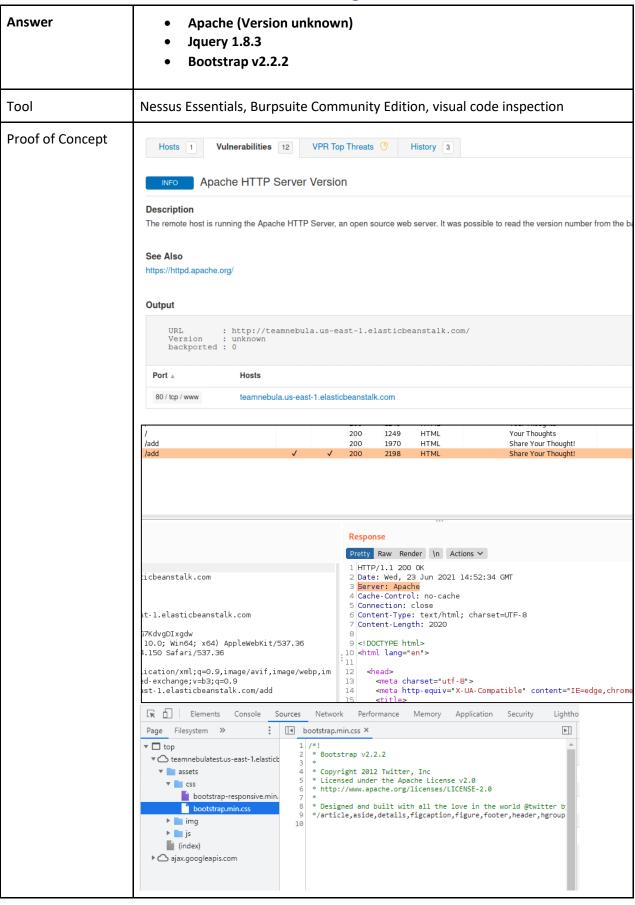
2	What Operating System does the web site utilise?	2
3	What web server software is it running?	3
4	Is it running a CMS (Wordpress, Drupal, etc?)	4
5	What protection does it have (CDN, Proxy, Firewall?)	5
6	Where is it hosted?	6
7	Does it have any open ports?	7
8	Does the site have any known vulnerabilities?	7
9	What versions of software is it using? Are these patched so that they are up to date?	7

Author: Jan Küfner

#### 2 What Operating System does the web site utilise?



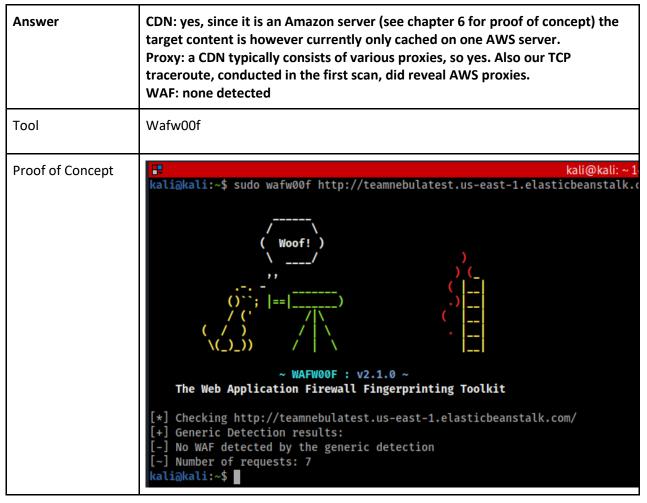
### 3 What web server software is it running?



# 4 Is it running a CMS (Wordpress, Drupal, etc?)

Answer	Non detected
Tool	Code inspection (BlindElephant not used, though)
Proof of Concept	NA

## 5 What protection does it have (CDN, Proxy, Firewall?)



#### 6 Where is it hosted?

```
Answer
                         IP: 34.197.148.58
                         OrgName: Amazon Technologies Inc.
Tool
                         Dig, <a href="https://who.is/">https://who.is/</a>
                         kali@kali:~$ sudo dig teamnebulatest.us-east-1.elasticbeanstalk.com
Proof of Concept
                         [sudo] password for kali:
                          <>>> DiG 9.16.15-Debian <<>> teamnebulatest.us-east-1.elasticbeanstalk.com
                         ; global options: +cmd
                         ; Got answer:
                         ; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 30564
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1
                         ; OPT PSEUDOSECTION:
                          EDNS: version: 0, flags:; udp: 1232
                          ; QUESTION SECTION:
                         teamnebulatest.us-east-1.elasticbeanstalk.com. IN A
                         ; ANSWER SECTION:
                         teamnebulatest.us-east-1.elasticbeanstalk.com. 60 IN A 34.197.148.58
                         ; Query time: 20 msec
                         ;; SERVER: 192.168.178.1#53(192.168.178.1)
;; WHEN: Wed Jun 23 09:17:37 EDT 2021
                           MSG SIZE rcvd: 90
                               34.197.148.58 address profile
                                Whois
                                          Diagnostics
                               IP Whois
                                              34.192.0.0 - 34.255.255.255
                                NetRange:
                                                34.192.0.0/10
                                NetName:
                                               AT-88-Z
                                NetHandle: NET-34-192-0-0-1
                                              NET34 (NET-34-0-0-0)
                                Parent:
                                           Direct Allocation
                                OriginAS:
                                Organization: Amazon Technologies Inc. (AT-88-Z)
                                RegDate: 2016-09-12
Updated: 2016-09-12
                                Ref:
                                                https://rdap.arin.net/registry/ip/34.192.0.0
```

## 7 Does it have any open ports?

Answer	open ports are as following: 22/tcp open ssh 80/tcp open http 443/tcp closed https
Tool	nmap
Proof of Concept	<pre>kali@kali:~\$ sudo nmap -p- teamnebulatest.us-east-1.elasticbeanstalk.com Starting Nmap 7.91 ( https://nmap.org ) at 2021-06-23 08:06 EDT Nmap scan report for teamnebulatest.us-east-1.elasticbeanstalk.com (34.197.148 Host is up (0.0061s latency). rDNS record for 34.197.148.58: ec2-34-197-148-58.compute-1.amazonaws.com Not shown: 65532 filtered ports PORT STATE SERVICE 22/tcp open ssh 80/tcp open http 443/tcp closed https  Nmap done: 1 IP address (1 host up) scanned in 1539.29 seconds kali@kali:~\$</pre>

## 8 Does the site have any known vulnerabilities?

Yes, e.g. the following:

CVE-2020-7656	CVE-2019-6111	CVE-2001-1446	CVE-2020-7066	CVE-2019-11049	CVE-2019-11040	CVE-2019-9639	CVE-2019-6977
CVE-2020-11022	CVE-2019-6110	CWE: 693	CVE-2020-7065	CVE-2019-11047	CVE-2019-11039	CVE-2019-9638	CVE-2013-2220
CVE-2020-11023	CVE-2019-6109	CVE-2021-21702	CVE-2020-7064	CVE-2019-11046	CVE-2019-11038	CVE-2019-9637	CVE-2007-3205
CVE-2019-11358	CVE-2018-20685	CVE-2020-7071	CVE-2020-7063	CVE-2019-11045	CVE-2019-11036	CVE-2019-9025	CVE-2019-8331
CVE-2015-9251	CVE-2018-15919	CVE-2020-7070	CVE-2020-7062	CVE-2019-11044	CVE-2019-11035	CVE-2019-9024	CVE-2018-20677
CVE-2012-6708	CVE-2018-15473	CVE-2020-7069	CVE-2020-7061	CVE-2019-19246	CVE-2019-11034	CVE-2019-9023	CVE-2018-20676
<u>CVE - 2008-5161</u>	CVE-2017-15906	CVE-2020-7068	CVE-2020-7060	CVE-2019-11043	CVE-2019-9675	CVE-2019-9022	CVE-2018-14042
CVE-2020-15778	CVE-2008-3844	CVE-2019-11048	CVE-2020-7059	CVE-2019-11042	CVE-2019-9641	CVE-2019-9021	CVE-2018-14040
CVE-2020-14145	CVE-2007-2768	CVE-2020-7067	CVE-2019-11050	CVE-2019-11041	CVE-2019-9640	CVE-2019-9020	

# 9 What versions of software is it using? Are these patched so that they are up to date?

See chapters three and four for version identifiers. The software is not up to date / patched as it should be. Many vulnerabilities are present due to this (compare chapter 8).