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SYS-255
11-15

Deliverable 1. Provide a screenshot of a successful SSH session from a Windows system to blog01 showing Login as a named user (<u>not</u> root), your elevation to root, and attempts to ping google.com, ad02 and fw02.

```
root@blog01-david:~

Windows PowerShell
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PS C:\Users\david.thomsen-adm> ssh blog01-david
david\david.thomsen-adm@blog01-david's password:
Last login: Mon Nov 15 13:40:20 2021 from ad02-david.david.local
Last login: Mon Nov 15 13:40:20 2021 from ad02-david.david.local
[david.thomsen-adm@david.local@blog01-david ~]$ sudo -i
[sudo] password for david.thomsen-adm@david.local:
[root@blog01-david ~]# ping -c1 google.com
PING google.com (142.250.64.78) 56(84) bytes of data.
64 bytes from 142.250.64.78: icmp_seq=1 ttl=116 time=50.7 ms

--- google.com ping statistics ---
1 packets transmitted, 1 received, 0% packet loss, time 0ms
rtt min/avg/max/mdev = 50.745/50.745/50.745/0.000 ms
[root@blog01-david ~]# ping -c1 ad02-david
PING ad02-david.david.local (10.0.5.6) 56(84) bytes of data.
64 bytes from ad02-david.david.local (10.0.5.6): icmp_seq=1 ttl=128 time=0.264 ms

--- ad02-david.david.local ping statistics ---
1 packets transmitted, 1 received, 0% packet loss, time 0ms
rtt min/avg/max/mdev = 0.264/0.264/0.264/0.000 ms
[root@blog01-david ~]# ping -c1 fw02-david
PING fw02-david.david.local (10.0.5.2) 56(84) bytes of data.
64 bytes from fw02-david.david.local (10.0.5.2): icmp_seq=1 ttl=64 time=0.421 ms

--- fw02-david.david.local ping statistics ---
1 packets transmitted, 1 received, 0% packet loss, time 0ms
rtt min/avg/max/mdev = 0.421/0.421/0.421/0.000 ms
[root@blog01-david ~]#
```

Deliverable 2. Provide a screenshot of a successful SSH session from a
Windows System to blog01 showing a nslookup for following addresses:
10.0.5.2, 10.0.5.6, and champlain.edu.

```
[david@blog01-david ~]$ nslookup 10.0.5.2
2.5.0.10.in-addr.arpa    name = fw02-david.david.local.

[david@blog01-david ~]$ nslookup 10.0.5.6
6.5.0.10.in-addr.arpa    name = ad02-david.david.local.

[david@blog01-david ~]$ nslookup champlain.edu
Server:         10.0.5.6
Address:        10.0.5.6#53

Non-authoritative answer:
Name:   champlain.edu
Address: 208.115.107.132
```
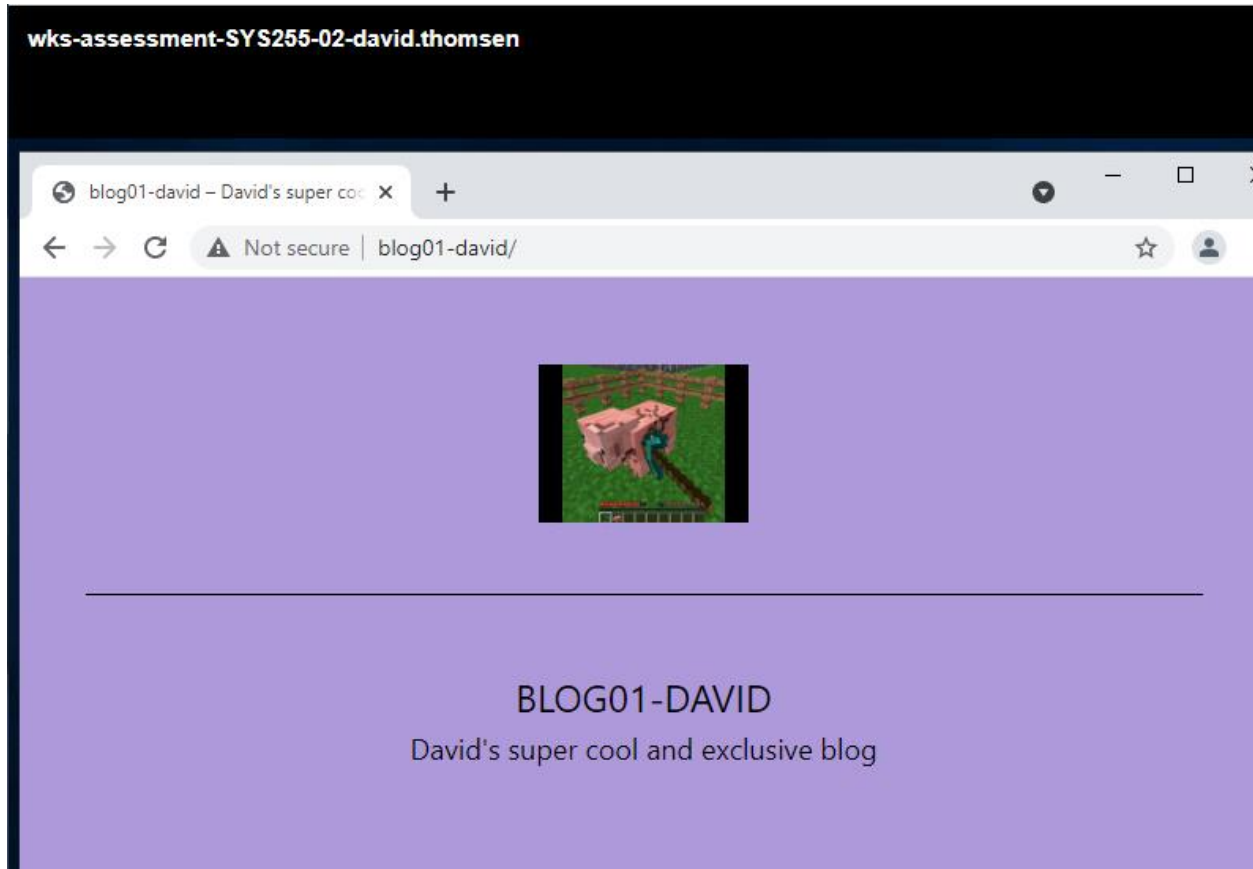
Deliverable 3. Provide a screenshot of your SSH session from a
Windows System to blog01 showing the yourname-adm AD account login
after joining it to your AD domain, its home directory creation, and
the id command.

```
PS C:\Users\david.thomsen-adm> ssh david.thomsen-adm@david.local@blog01-david
david.thomsen-adm@david.local@blog01-david's password:
Last login: Mon Nov 15 14:16:04 2021 from ad02-david.david.local
Last login: Mon Nov 15 14:16:04 2021 from ad02-david.david.local
[david.thomsen-adm@david.local@blog01-david ~]$ realm list
david.local
  type: kerberos
  realm-name: DAVID.LOCAL
  domain-name: david.local
  configured: kerberos-member
  server-software: active-directory
  client-software: sssd
  required-package: oddjob
  required-package: oddjob-mkhomedir
  required-package: sssd
  required-package: adcli
  required-package: samba-common-tools
  login-formats: %U@david.local
  login-policy: allow-realm-logins
[david.thomsen-adm@david.local@blog01-david ~]$ id
uid=497201104(david.thomsen-adm@david.local) gid=497200513(domain users@david.local) groups=497200513(domain users@david.local),10(wheel),4972005l
2(domain admins@david.local),497200572(denied rodc password replication group@david.local) context=unconfined_u:unconfined_r:unconfined_t:s0-s0:c0
.c1023
[david.thomsen-adm@david.local@blog01-david ~]$
```

Deliverable 4. Provide a screenshot showing a browsing session from wks01 to your blog01's home page (browse by hostname). Your blog home page should have a blog entry with your name prominently displayed. Meme's are appreciated.

Problem	Solution	Link
Connecting to the Internet from the blog box	Wire the box -_-	
Installing the correct version of Yum	Go into the depths of the internet to find the most recent version and install it so my webpage would run	https://www.tecmint.com/install-php-5-6-on-centos-7/
How do I do the main part of the lab?	Follow these outlined steps and dont mess up	https://www.digitalocean.com/community/tutorials/how-to-install-wordpress-on-centos-7 https://www.digitalocean.com/community/tutorials/how-to-install-linux-apache-mysql-php-lamp-stack-on-centos-7 https://wiki.archlinux.org/title/Wordpress