DHCP is Down!
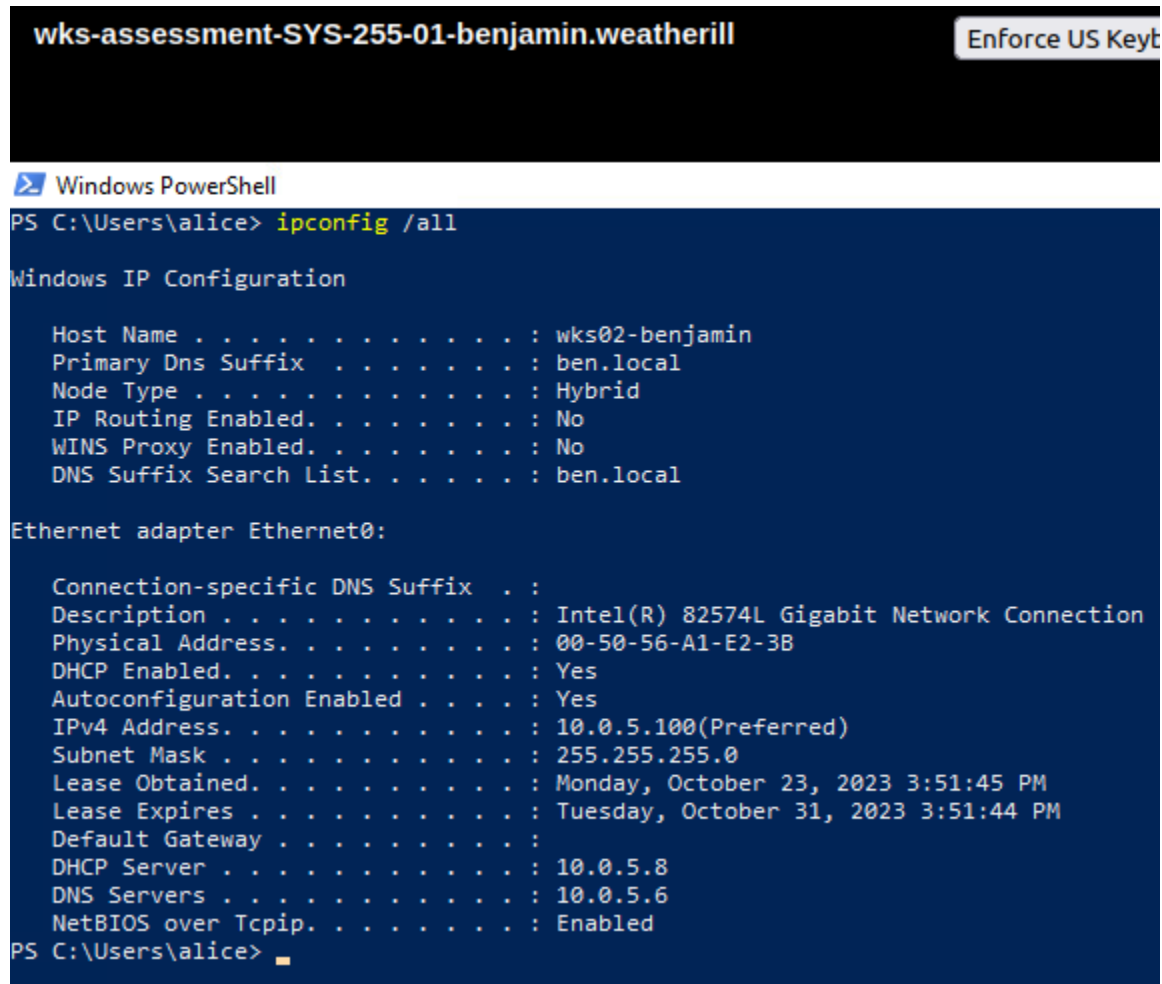Ben W
SYS255
FA23

Deliverables:
1. Screenshot of ipconfig from wks. Showing dhcp is being provided by fs01.

wks-assessment-SYS-255-01-benjamin.weatherill   Enforce US Keyb

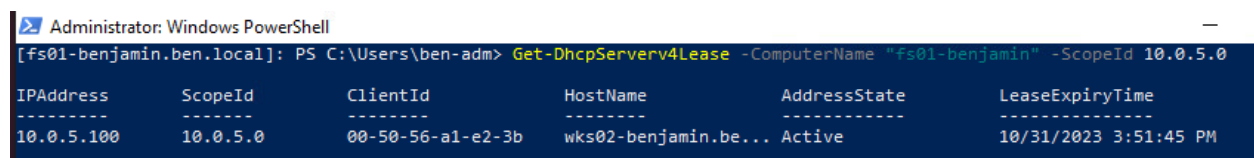Windows PowerShell

```
PS C:\Users\alice> ipconfig /all

Windows IP Configuration

   Host Name . . . . . . . . . . . . : wks02-benjamin
   Primary Dns Suffix  . . . . . . . : ben.local
   Node Type . . . . . . . . . . . . : Hybrid
   IP Routing Enabled. . . . . . . . : No
   WINS Proxy Enabled. . . . . . . . : No
   DNS Suffix Search List. . . . . . : ben.local

Ethernet adapter Ethernet0:

   Connection-specific DNS Suffix  . :
   Description . . . . . . . . . . . : Intel(R) 82574L Gigabit Network Connection
   Physical Address. . . . . . . . . : 00-50-56-A1-E2-3B
   DHCP Enabled. . . . . . . . . . . : Yes
   Autoconfiguration Enabled . . . . : Yes
   IPv4 Address. . . . . . . . . . . : 10.0.5.100(Preferred)
   Subnet Mask . . . . . . . . . . . : 255.255.255.0
   Lease Obtained. . . . . . . . . . : Monday, October 23, 2023 3:51:45 PM
   Lease Expires . . . . . . . . . . : Tuesday, October 31, 2023 3:51:44 PM
   Default Gateway . . . . . . . . . :
   DHCP Server . . . . . . . . . . . : 10.0.5.8
   DNS Servers . . . . . . . . . . . : 10.0.5.6
   NetBIOS over Tcpip. . . . . . . . : Enabled
PS C:\Users\alice>
```

2. Screenshot DHCP lease for wks02

Administrator: Windows PowerShell

```
[fs01-benjamin.ben.local]: PS C:\Users\ben-adm> Get-DhcpServerv4Lease -ComputerName "fs01-benjamin" -ScopeId 10.0.5.0
```

IPAddress	ScopeId	ClientId	HostName	AddressState	LeaseExpiryTime
10.0.5.100	10.0.5.0	00-50-56-a1-e2-3b	wks02-benjamin.be...	Active	10/31/2023 3:51:45 PM

This was very difficult to find. There is no DHCP console as I installed via powershell so learning the commands will be a struggle.

3. https://github.com/benjamin-weatherill/SYS255/wiki/Oops!-DHCP-Broke!