

Critical Help Desk Ticket

To: rubeus.hagrid-adm@rubeus.local
Subject: Support Ticket [968](#): WKS Redeployment
Priority: **Critical | Resolve ASAP !**

Given a recent tip on a current case of the previous DHCP server's theft, law enforcement has immediately seized your WKS containing Bob's previous logons, profile, and other potential artifacts of interest.

A replacement WKS has been deployed, so please make certain it is configured properly similar as the previous WKS .

Alice, the CIO, appreciates your immediate attention to this matter, as she needs it taken care of **ASAP!**

💡 This objective will require you to configure WKS as it was *prior* to this incident. Other than a different Hostname and any corresponding configurations, it requires the similar steps as any other Host in your infrastructure.

Deliverable 1. Setup the redeployed WKS with usual configurations used throughout the semester, using a script to tie various commands and cmd-lets.

Provide script syntax and output screenshot with info parsed from wks-redeployed, logged in as name-adm@yourdomain, showing DHCP settings provided by FS01, pinging mcsp.one only once, tracerouting champlain.edu, and resolving FW & AD.

This needs to be completed with a script for the most credit similar to below (format does not have to be exact, but must display the common elements. This script used regular commands with arguments, with only Write-Host & Select-String cmdlets).

wks-redeployed-SYS255-02-rubeus.hagrid

Windows PowerShell

```
PS C:\Users\rubeus-adm> .\RedeploymentSpotCheckTool.ps1
Welcome to the WKS Redeployment Spot Check Tool!

First, thanks for testing this host, rubeus-adm! Now let's check the hostname ...
And hopefully WKS05-RUBEUS isn't the default.

Next, let's check the AD domain name ...
Hopefully this domain looks familiar: rubeus.local

And what's the IPv4 address of the DNS Server?
DNS Servers . . . . . : 10.0.5.6

Alright, let's review all things DHCP:
DHCP Enabled. . . . . : Yes    DHCP Server . . . . . : 10.0.5.8

And what IPv4 address did DHCP assigned?
IPv4 Address. . . . . : 10.0.5.152(Preferred)

Cool, now on to the Gateway:
Default Gateway . . . . . : 10.0.5.2

Awesome! With all of that, let's test some network connectivity and name resolution.
I mean ... how else do we get to cat videos?!
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```
Testing external ICMP connectivity to mcsp.one ...
Packets: Sent = 1, Received = 1, Lost = 0 (0% loss),

Testing network routes to champlain.edu ...
Tracing route to champlain.edu [208.115.107.132] Trace complete.

Testing internal name resolution for our Firewall and AD Server ...
Name:      fw02-rubeus.rubeus.local
Name:      ad02-rubeus.rubeus.local

If every seems to be in working order and makes sense, then nice job!
If something is not quite right, then best check, fix, and test again ... You got this!

PS C:\Users\rubeus-adm>
```

Deliverable 2. Provide screenshot of DHCP Lease from DHCP Manager displaying WKS05:

