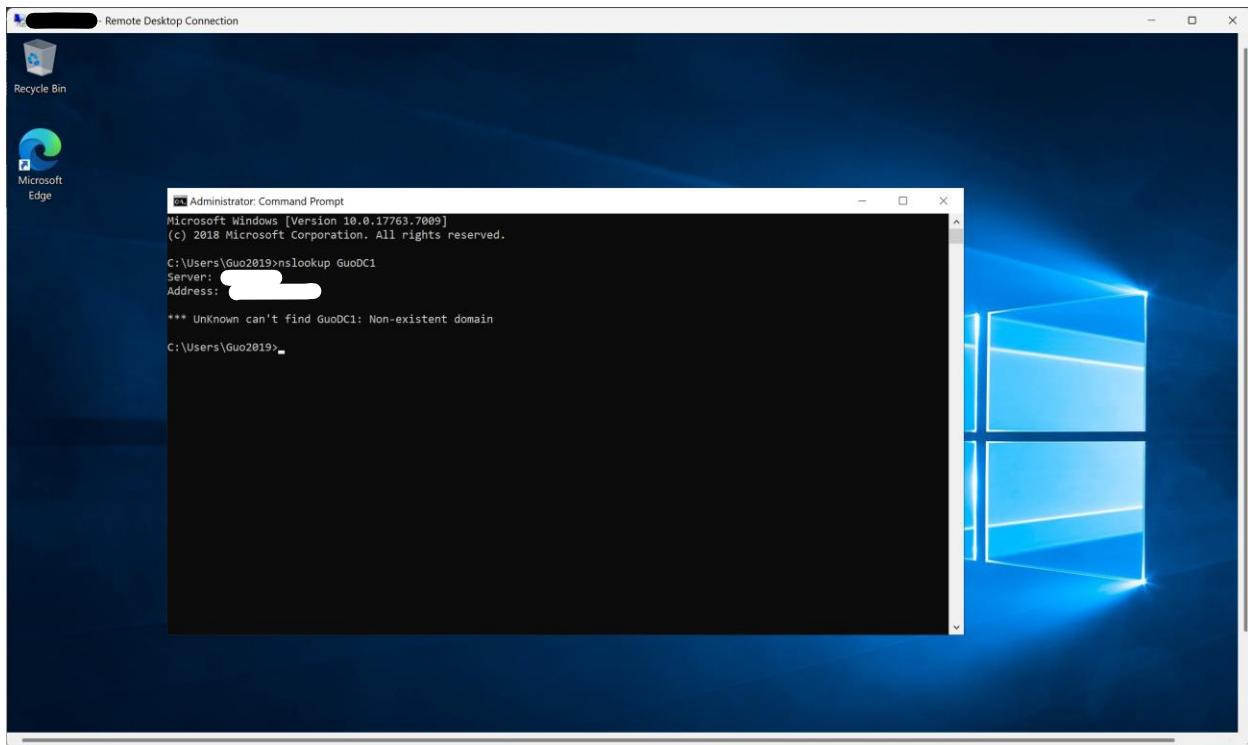
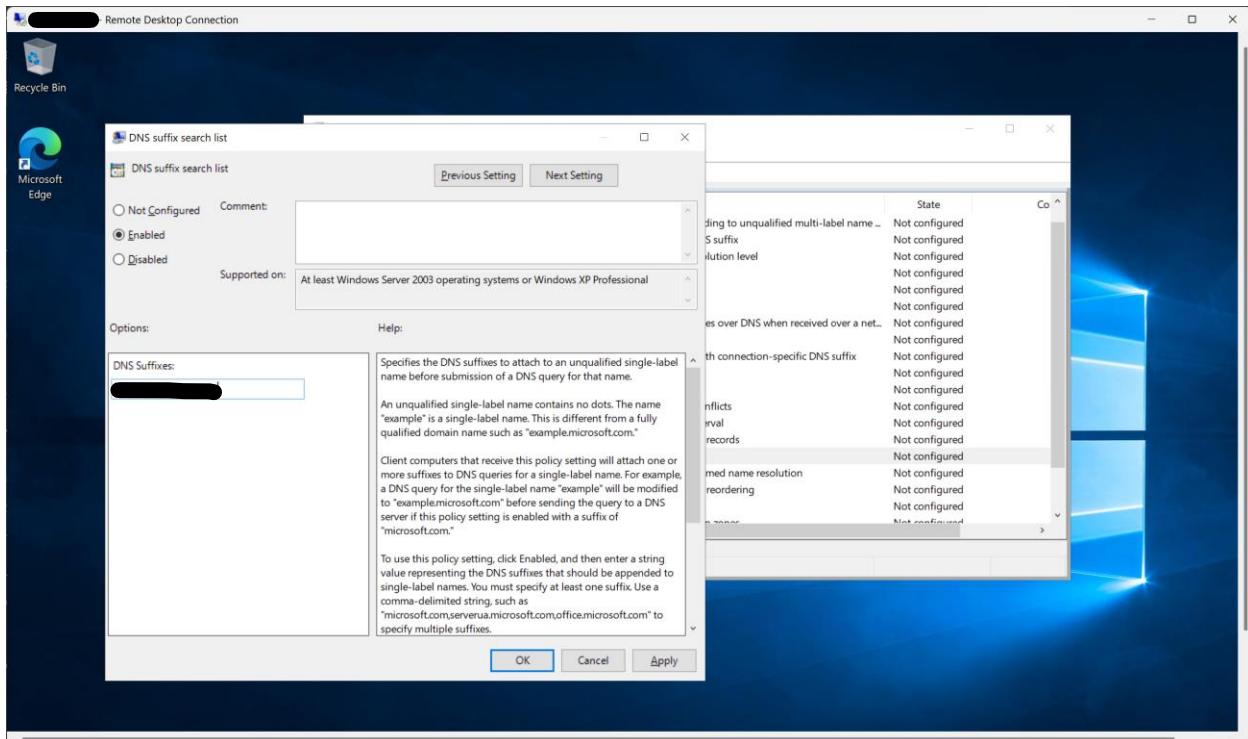


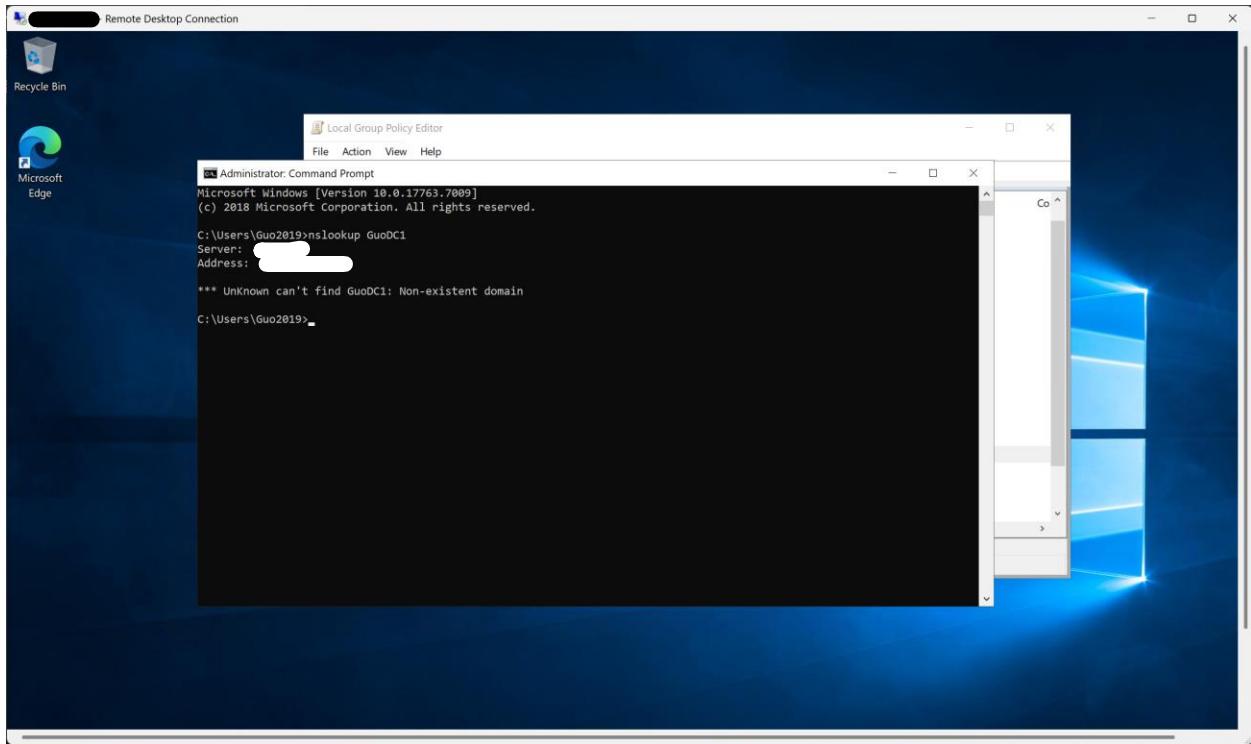
Performed nslookup command...



Changing DNS Suffix Search List...

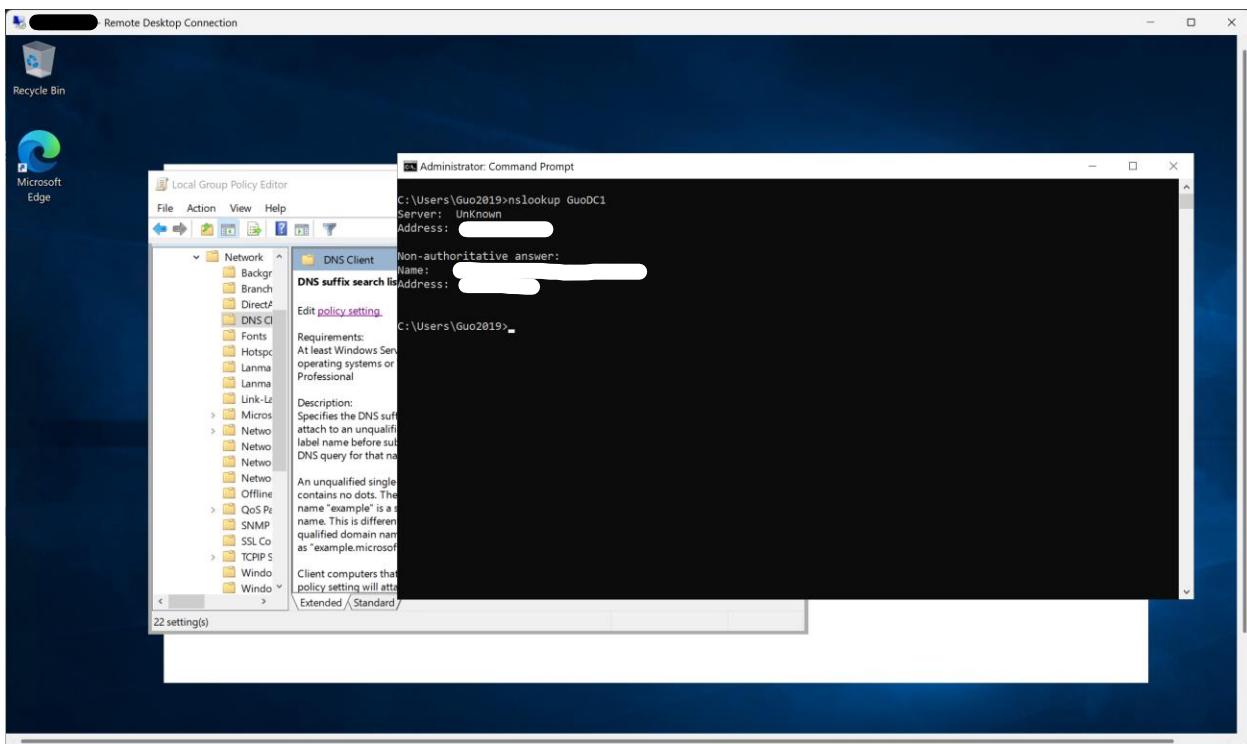


Performed nslookup command again...

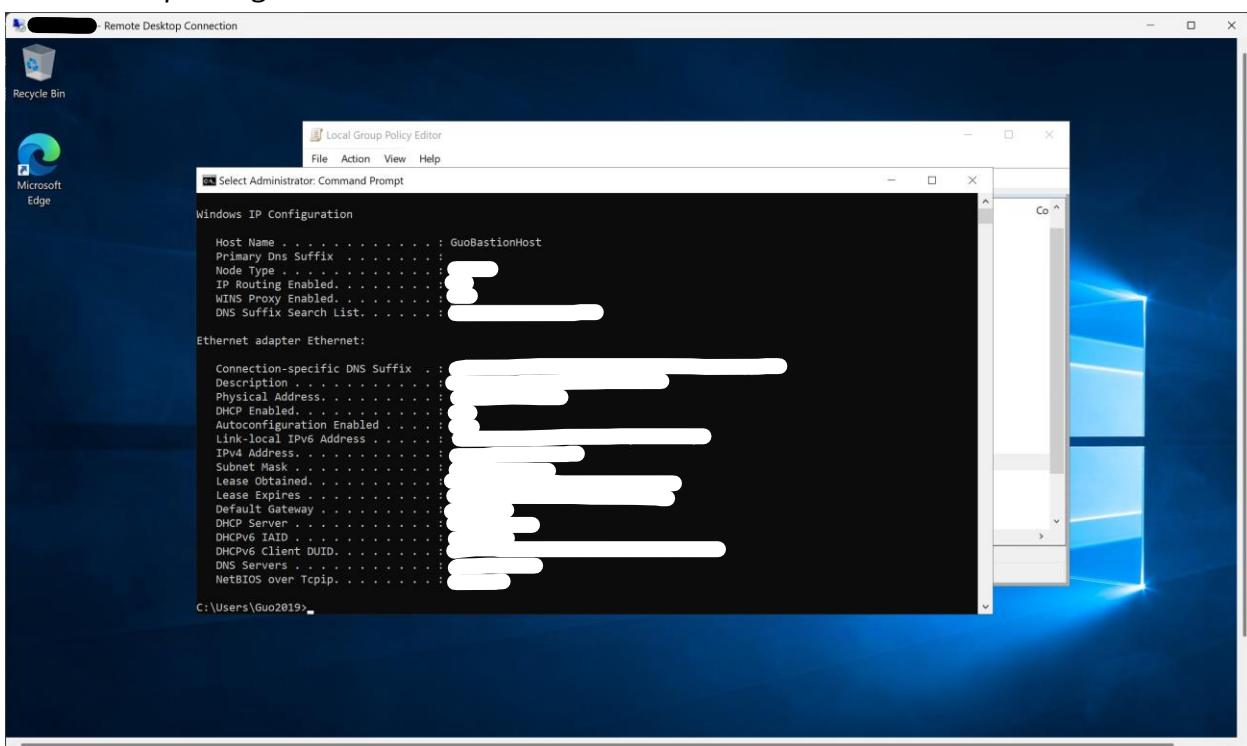


How does it differ from the above? I've tried the *nslookup* command multiple times after changing the DNS Suffix Search List to my domain name ([REDACTED]); it's showing the same results, and I have zero clue why.

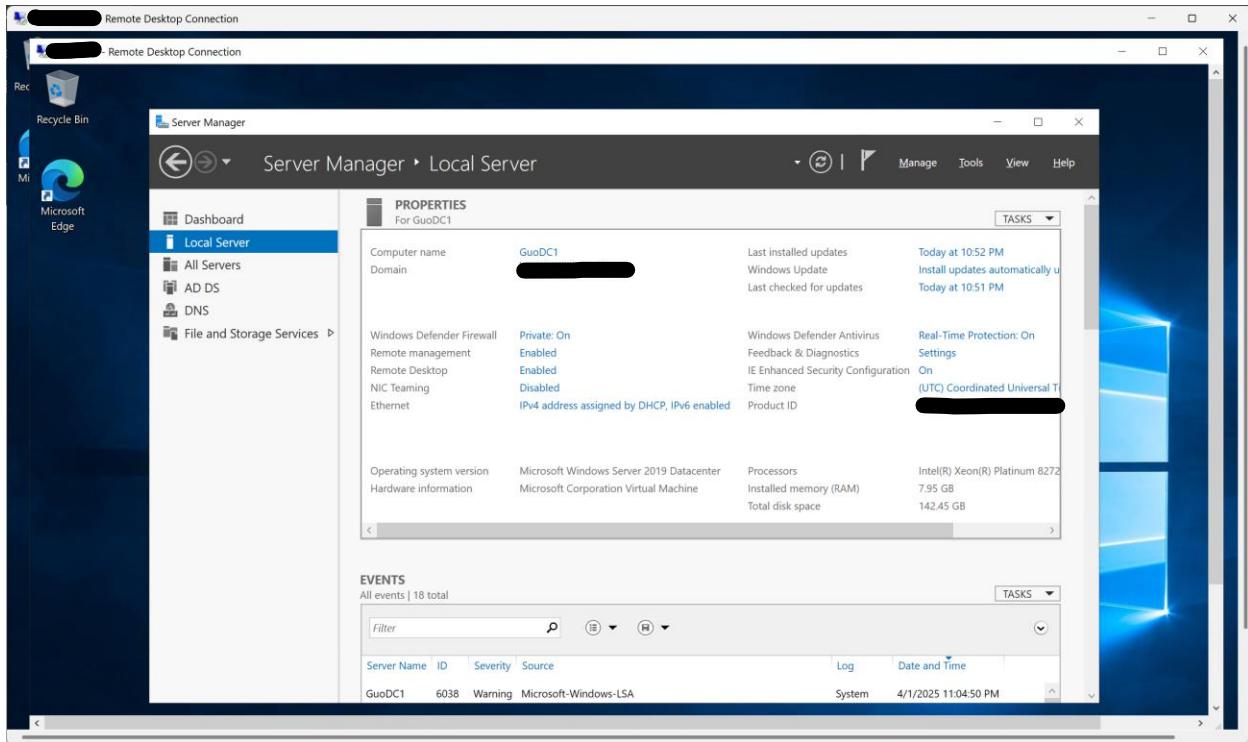
I use *internal.cloudapp.net* as the DNS Suffix Search List and worked for some reason...



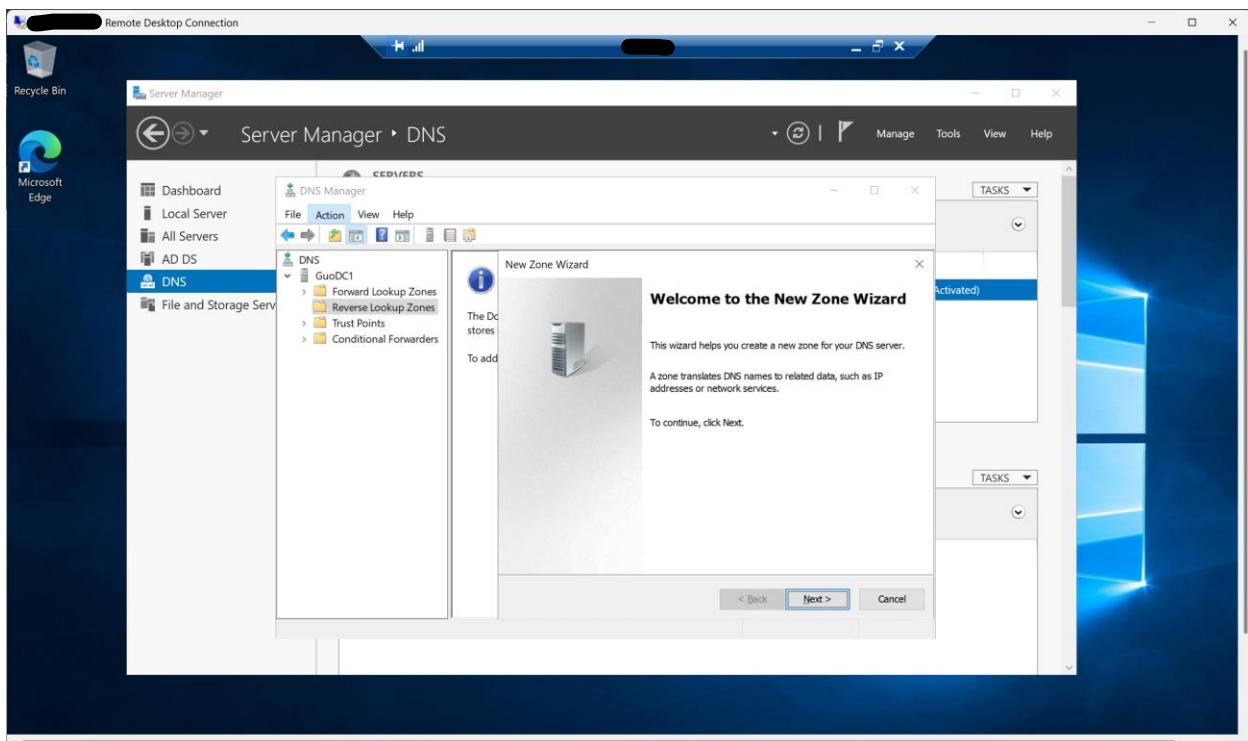
Performed ipconfig /all command...



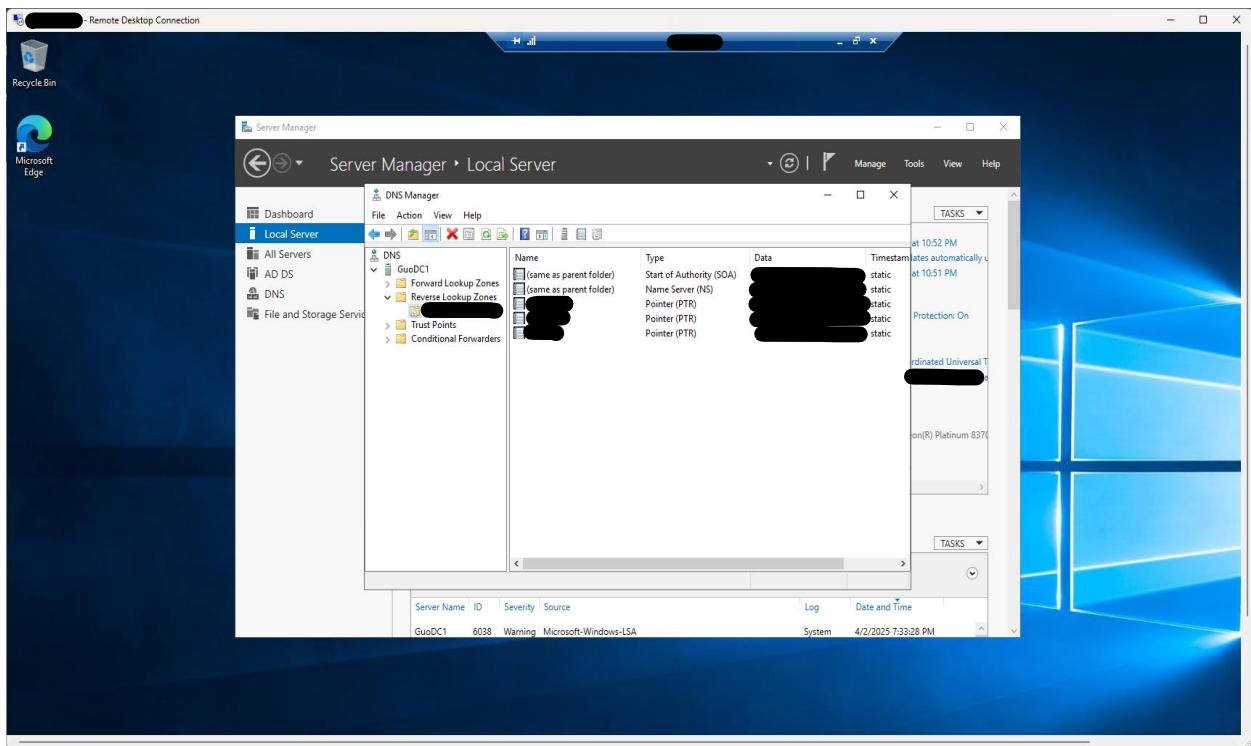
RDP to Domain Control...



Creating a Reverse Lookup Zone...



PTR Record...



What is the purpose of a PTR record? The purpose of a PTR record is to map an IP address back to a domain name. This verification process is crucial for email security and network troubleshooting.

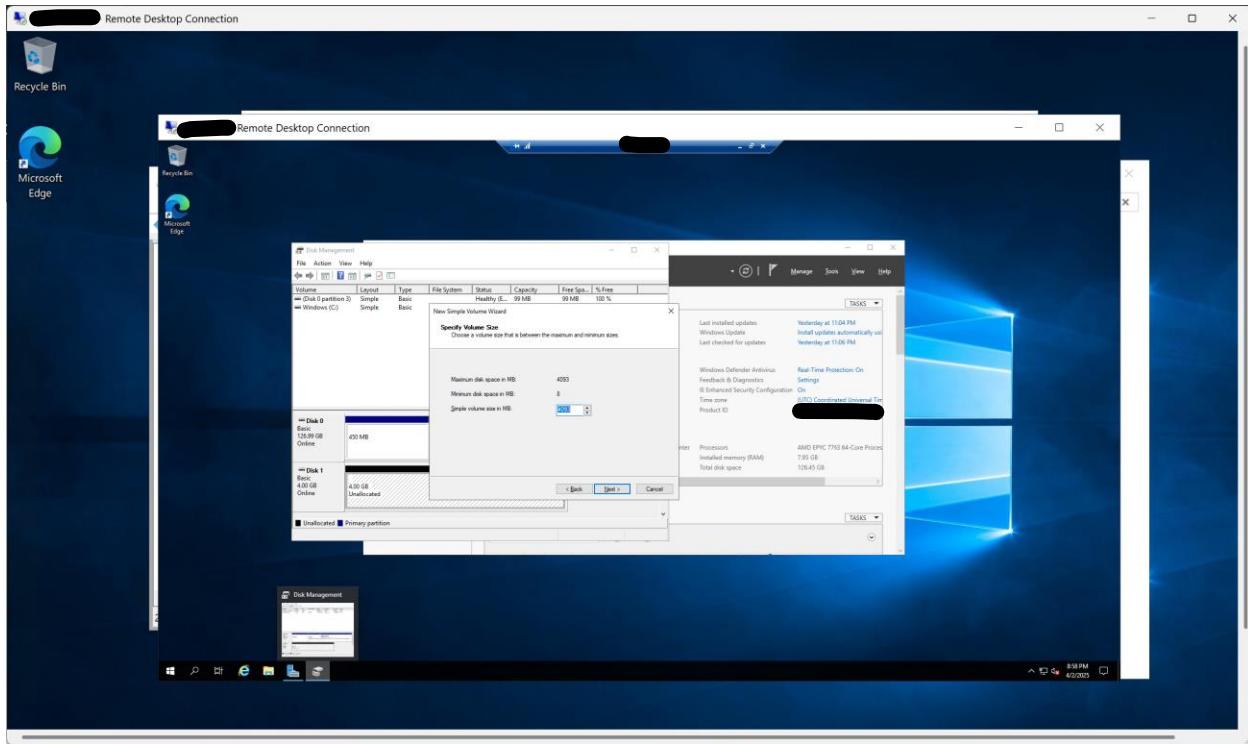
Added new disk data...

The screenshot shows the Microsoft Azure portal interface. The left sidebar navigation bar is open, showing the path: Home > Compute infrastructure > Virtual machines > GuoFile1. The main content area displays the 'Disks' settings for the 'GuoFile1 | Disks' virtual machine. The 'OS disk' section shows one disk entry: Disk name [REDACTED], Storage type Premium SSD LRS, Size (GiB) 127, Max IOPS 500, Max throughput (MiB/s) 100, Encryption SSE with PMK, and Host caching Read/write. Below it, the 'Data disks' section shows one attached disk: LUN 0, Disk name filedata, Storage type Premium SSD LRS, Size (GiB) 4, Max IOPS 120, Max throughput (MiB/s) 25, and Encryption SSE with PMK. At the bottom of the page are 'Apply' and 'Discard changes' buttons.

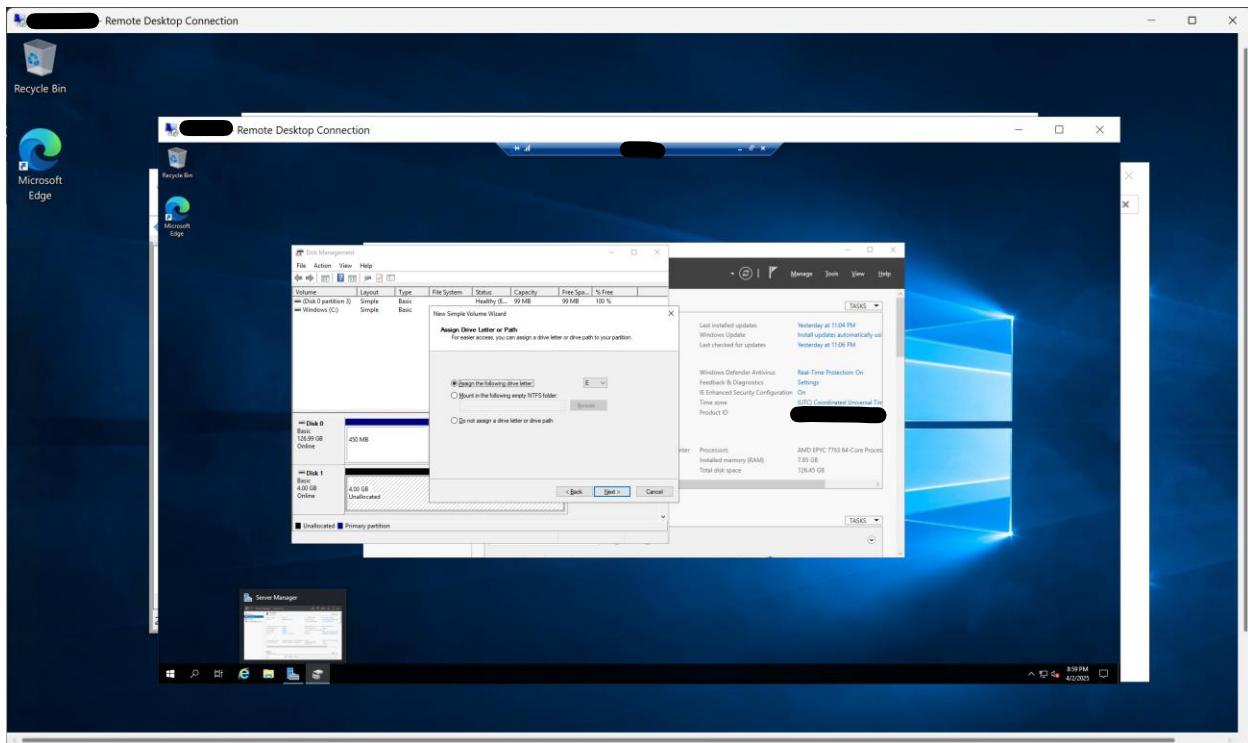
Disk Management...

The screenshot shows a Windows desktop environment. In the foreground, the 'Disk Management' window is open, displaying disk information. Disk 0 (Physical Drive 0) has a single partition (Disk 0, Simple, Basic, NTFS, 126.45 GB). Disk 1 (Physical Drive 1) is unallocated (4.00 GB). The background shows the Windows Start menu and the 'System' window, which provides detailed system configuration information such as processor, RAM, and disk space.

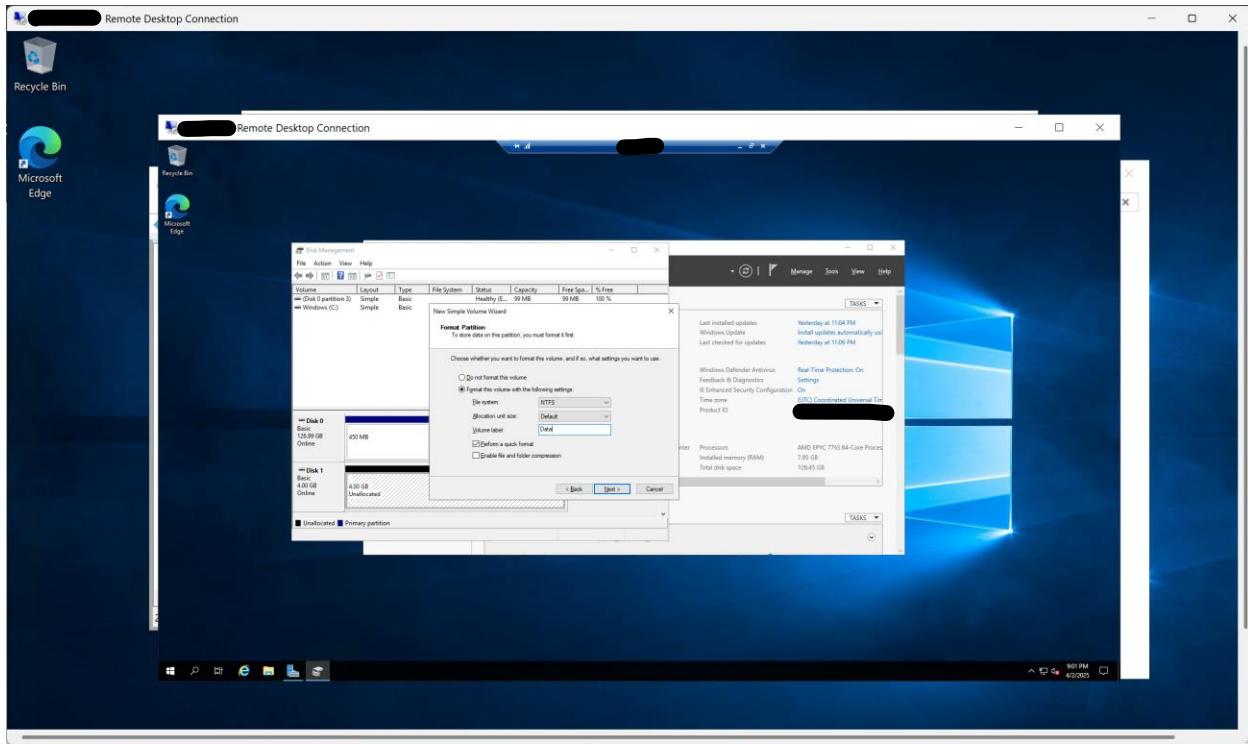
New volume...



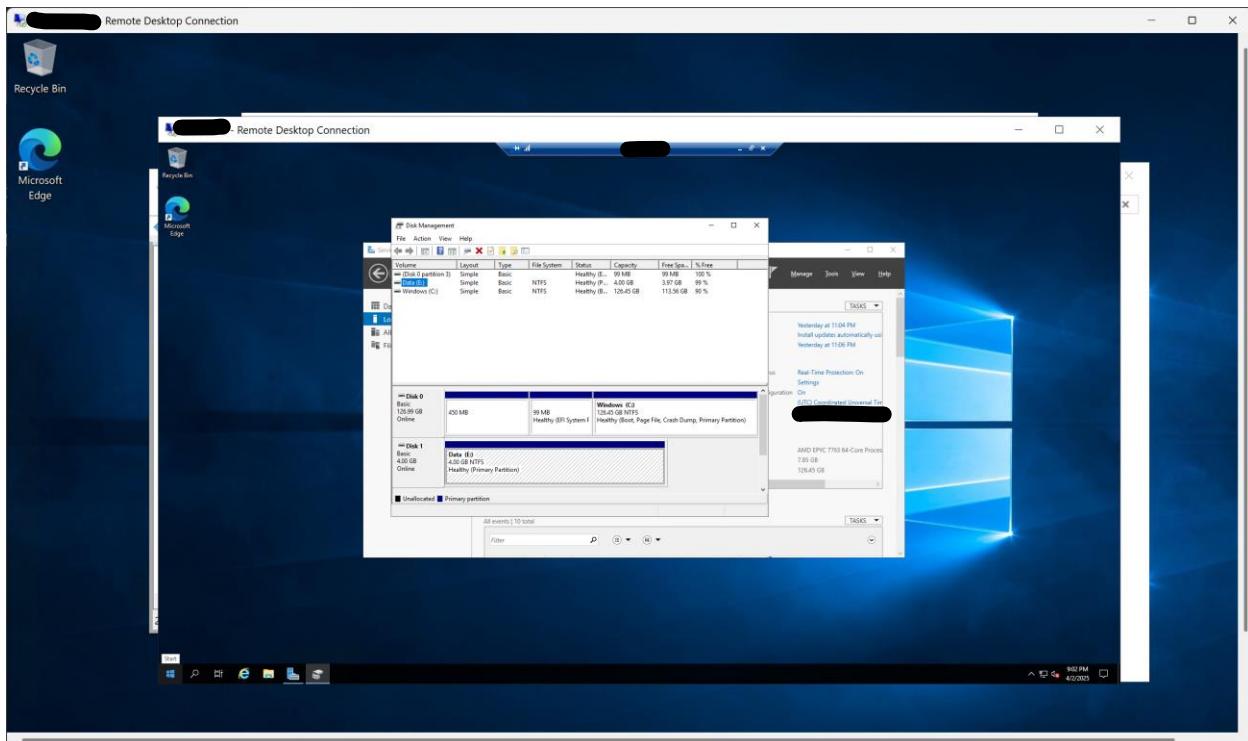
Set to E:



Format partition...

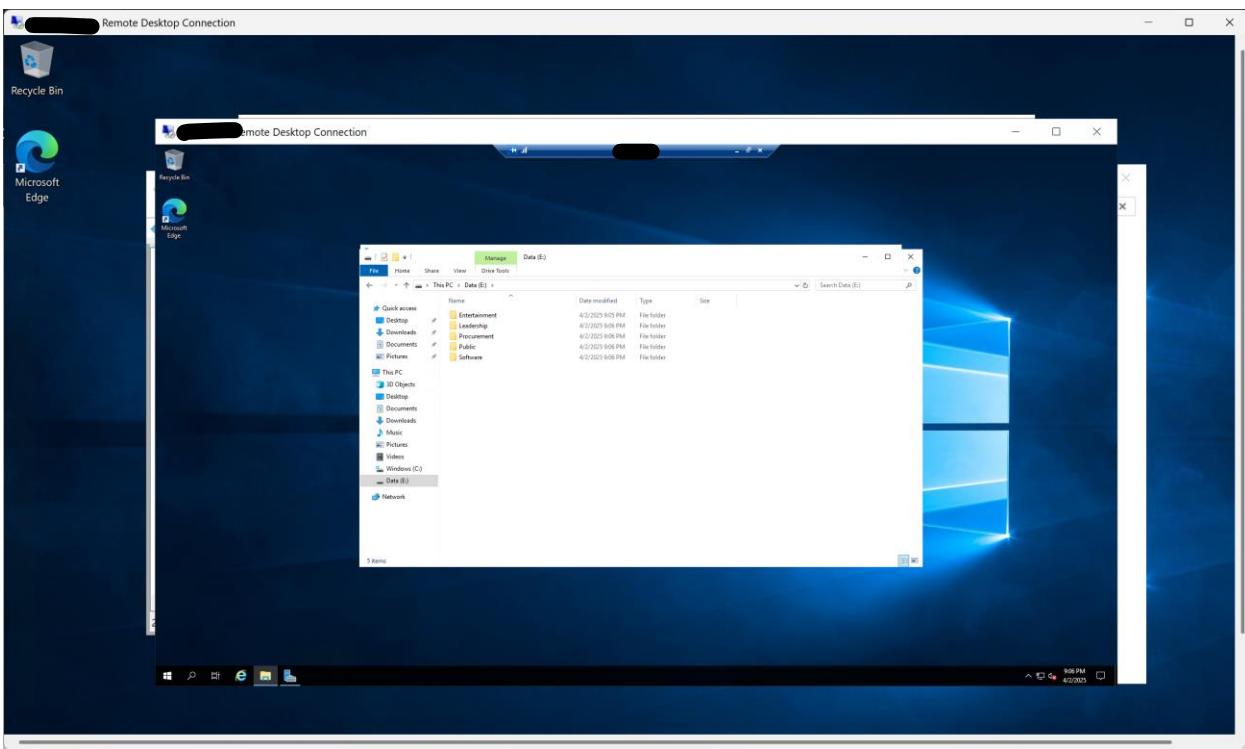


Finished...

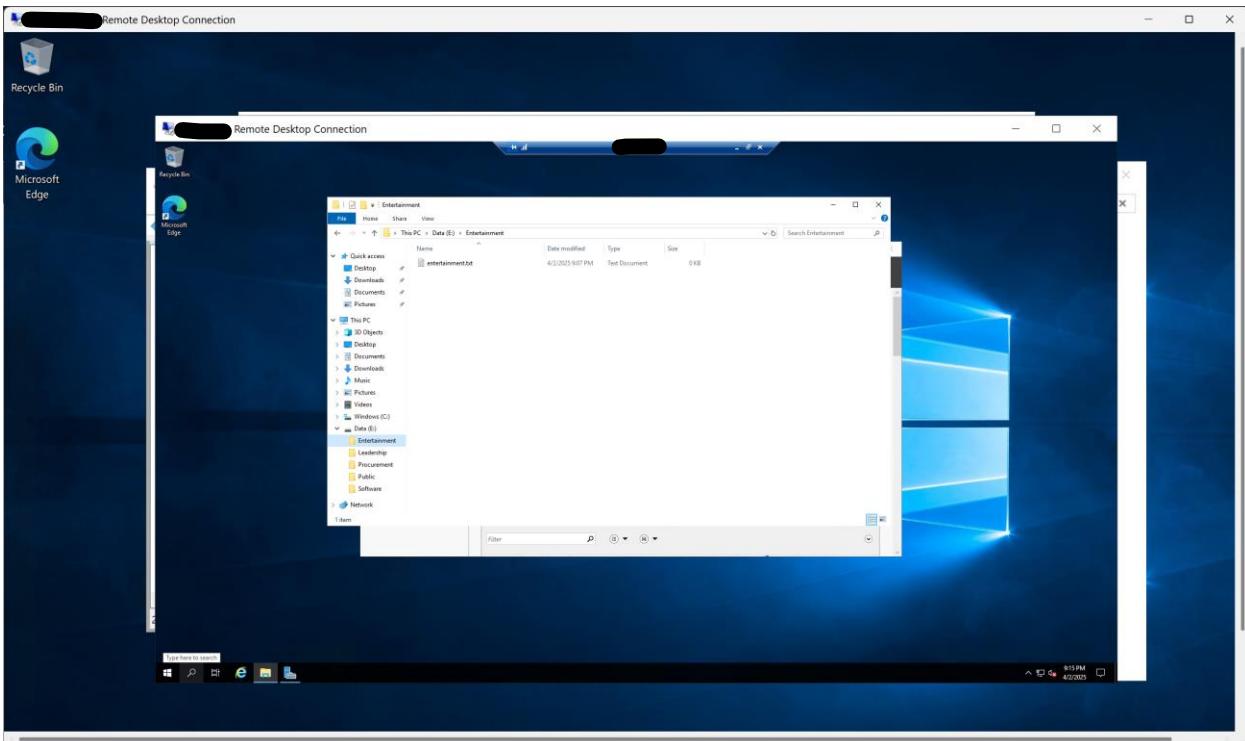


Directories

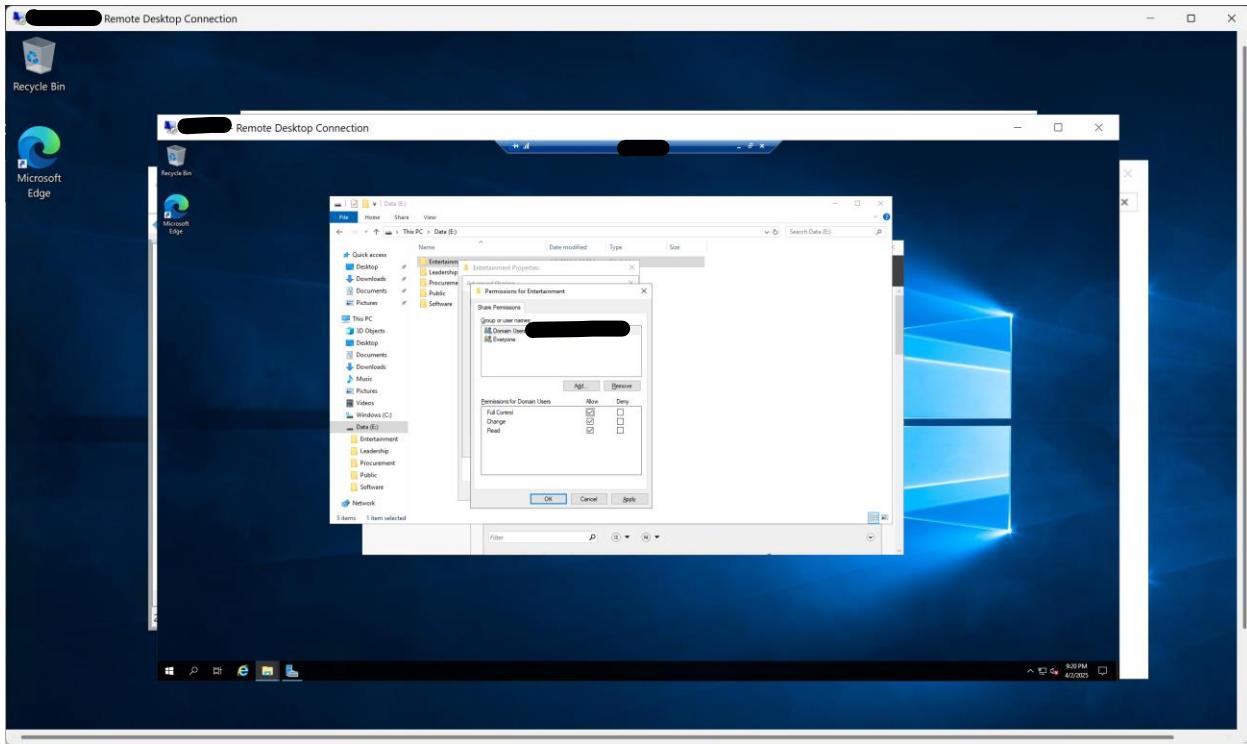
created...



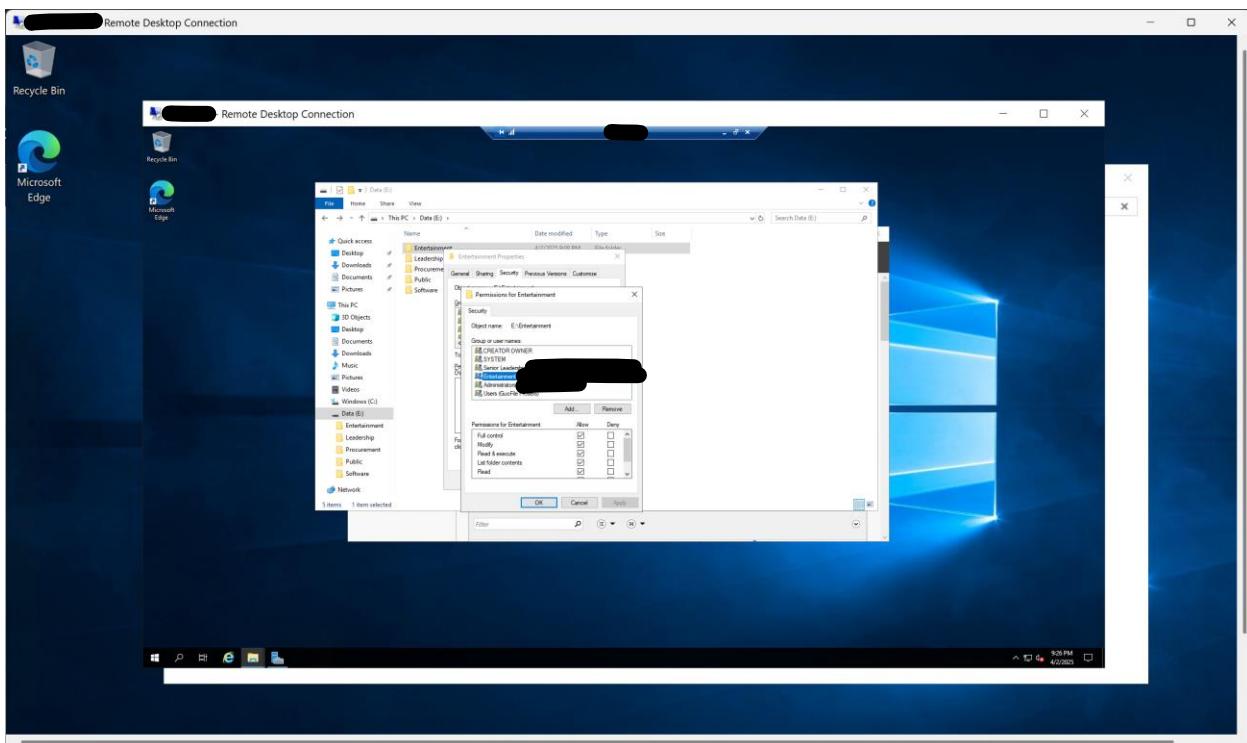
Dummy files... (I add to all 5 folders)



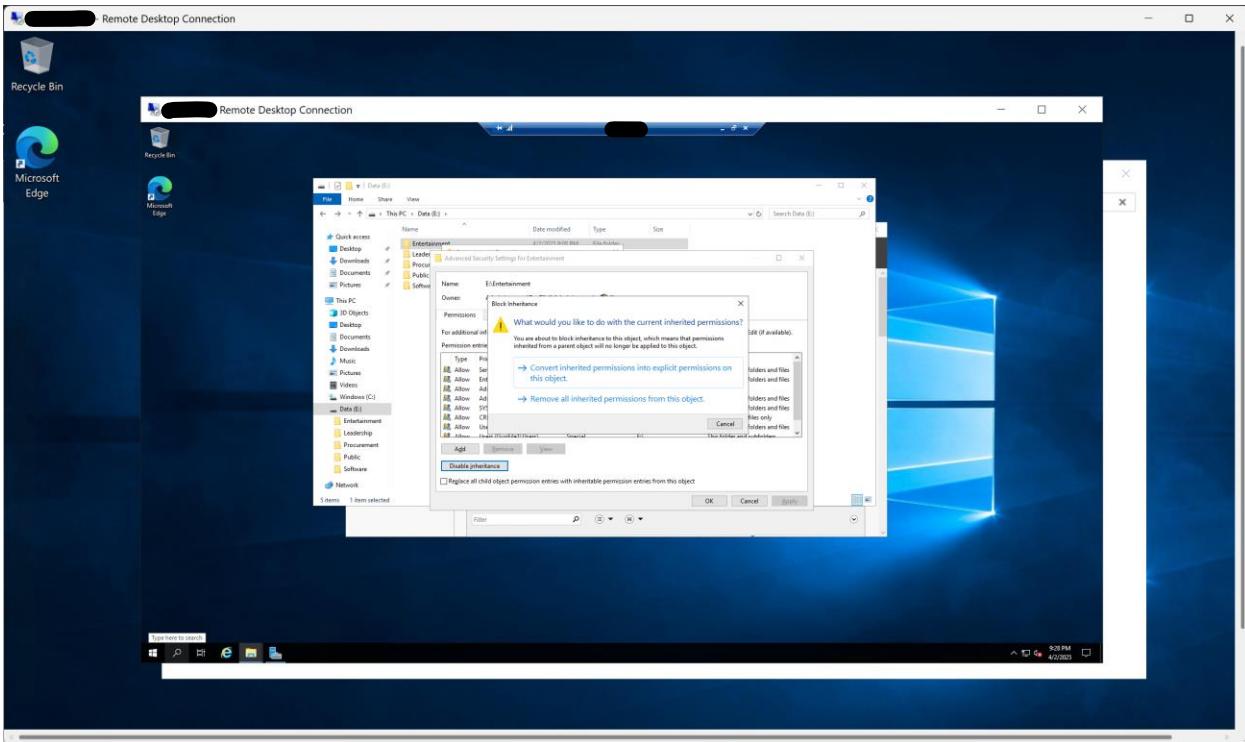
Entertainment Folder...



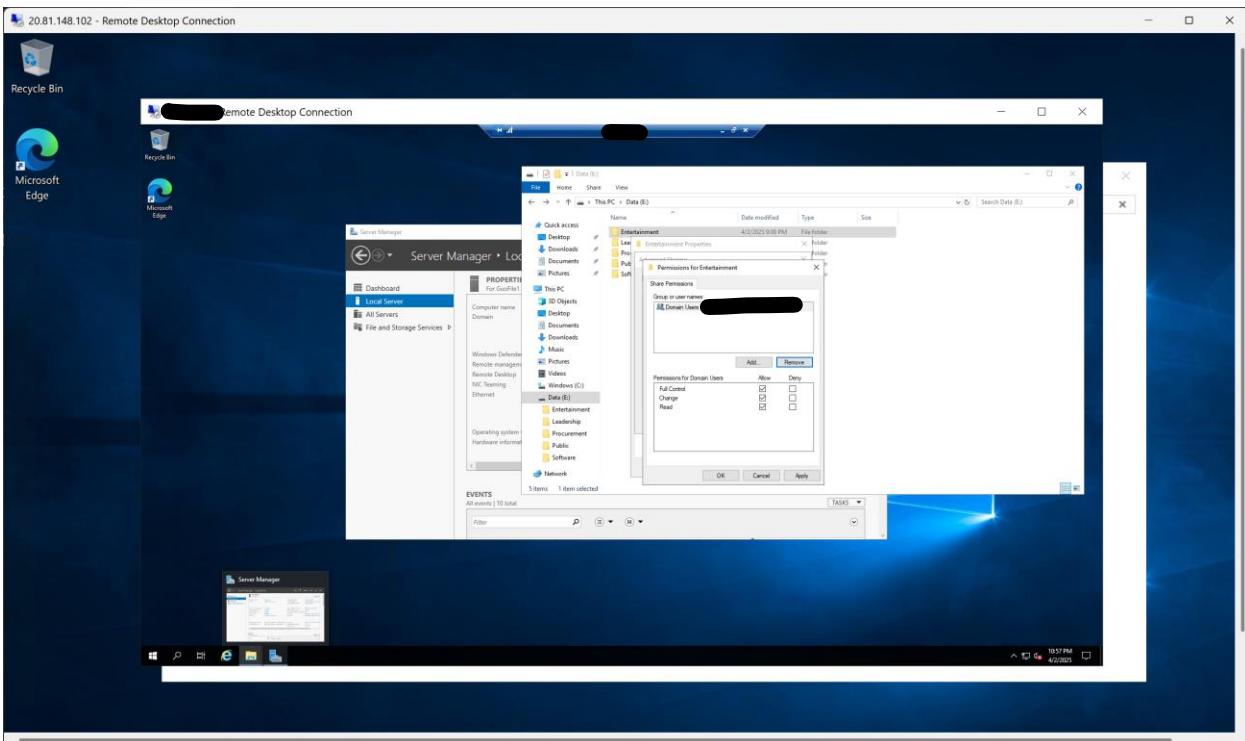
Add & give full control to both...



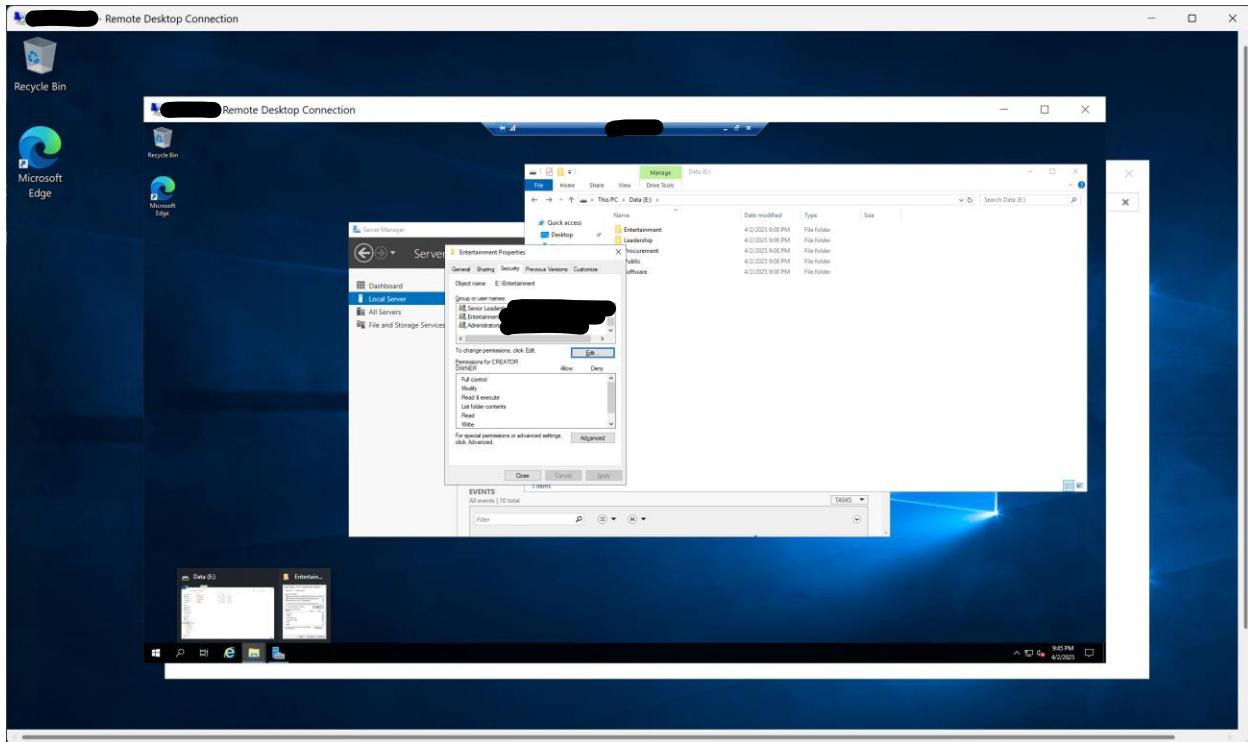
Disable inheritance (on all) ...



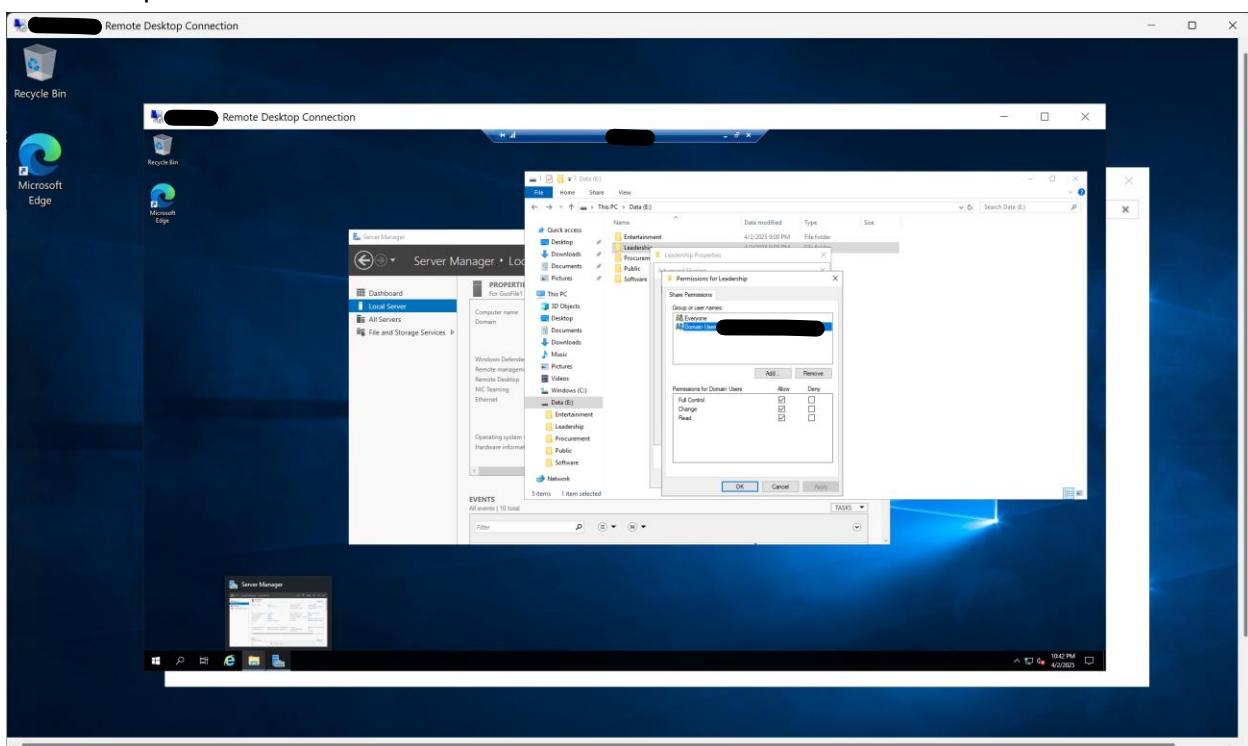
I didn't see the "Authenticated Users" anywhere (for all), so I just deleted "Everyone" ...



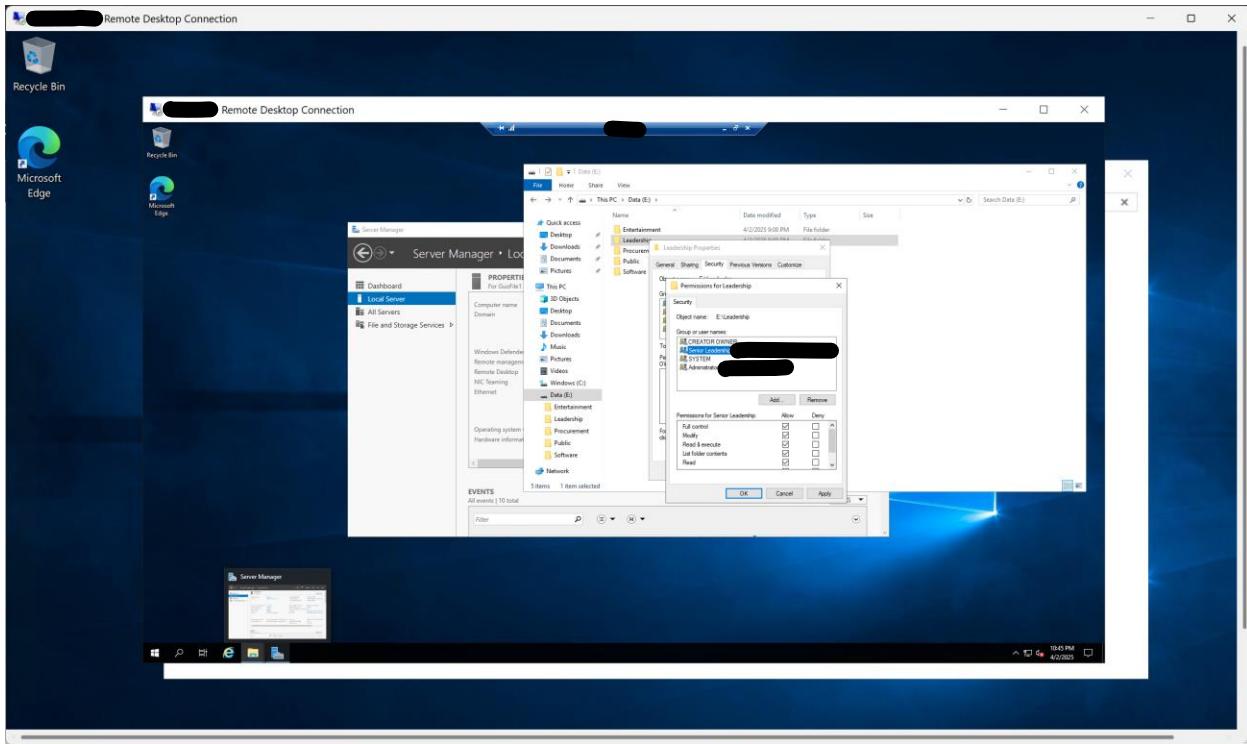
Deleted Users (for all)...



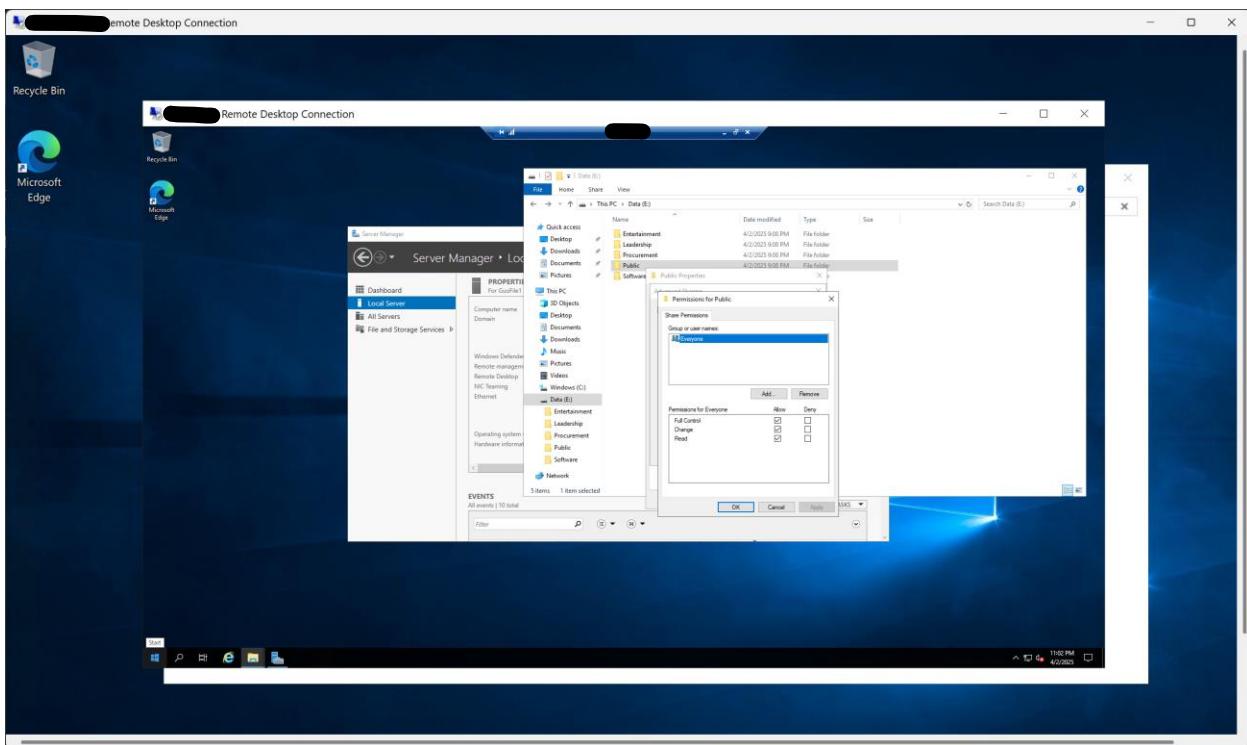
Leadership folder...



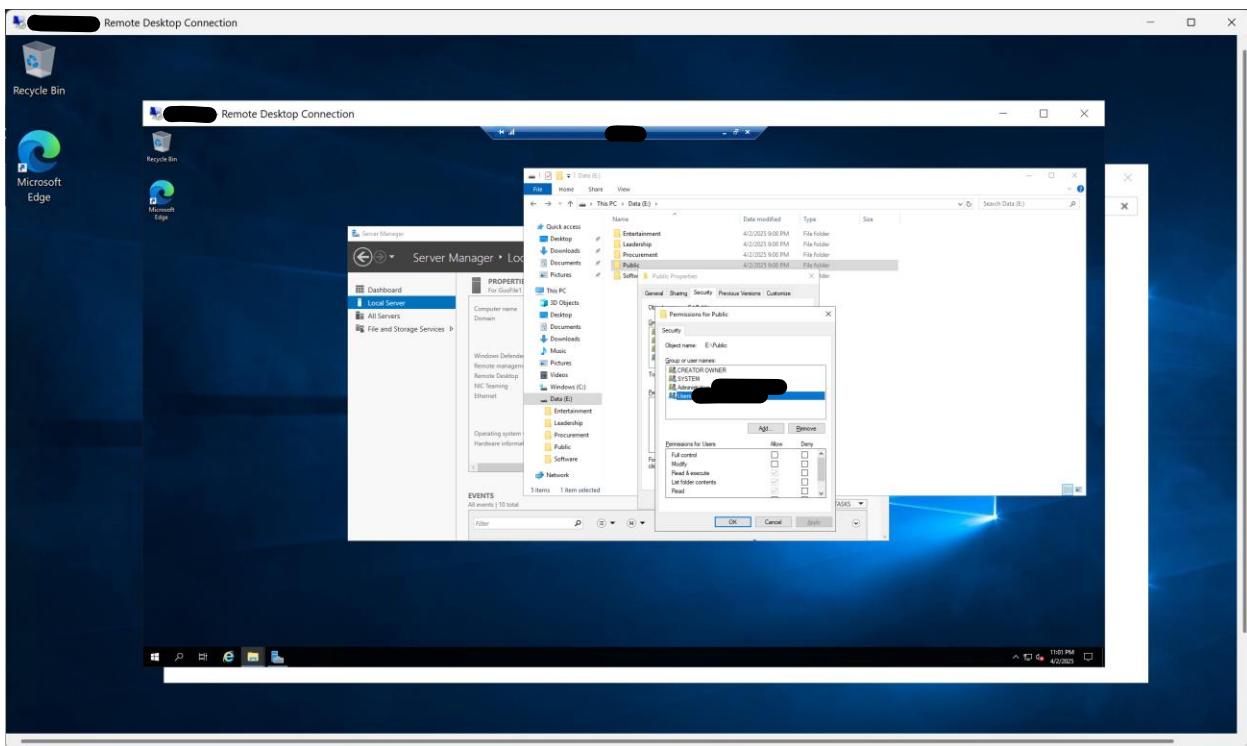
Add & give full control to Senior Leadership...



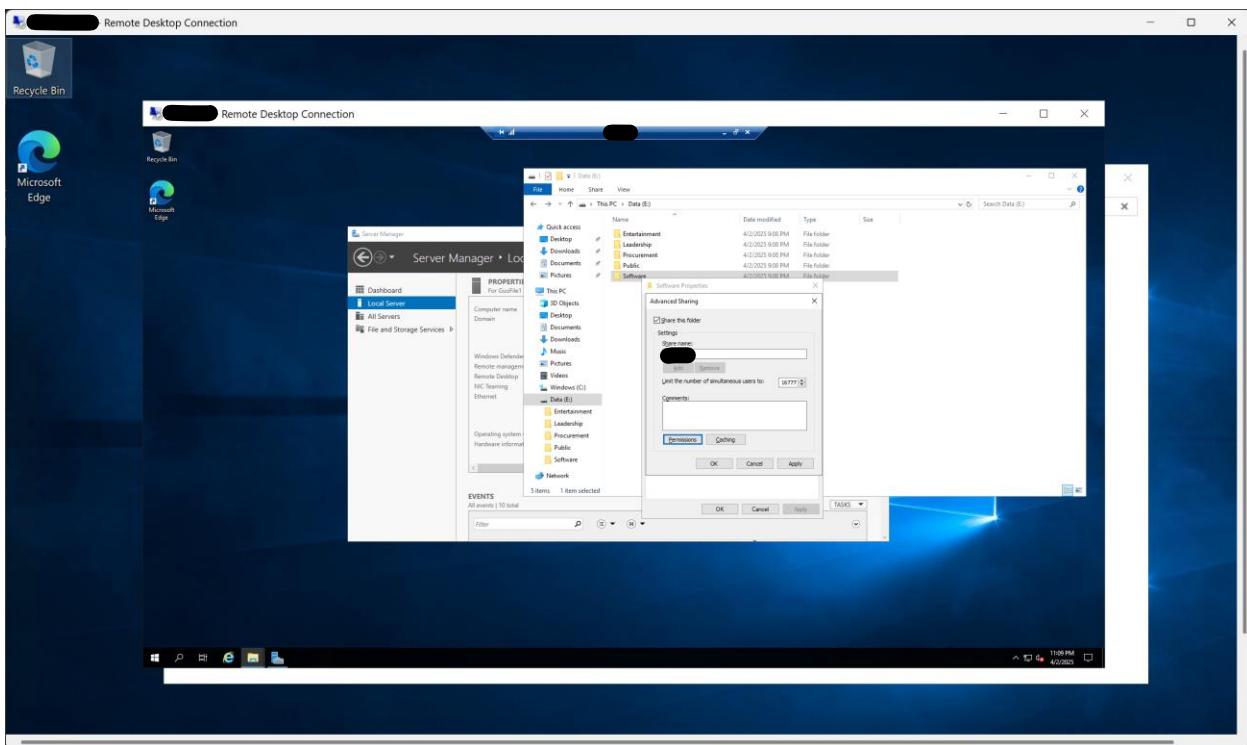
Public Folder...

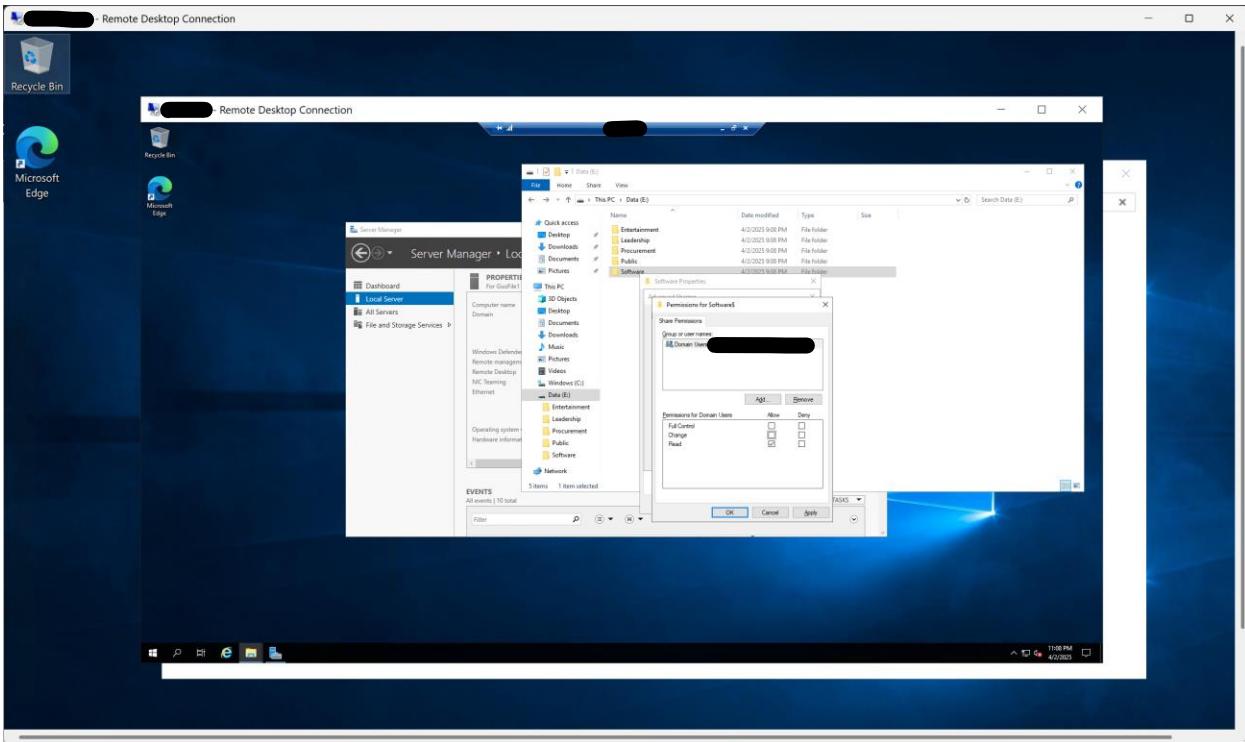


Give permission to Public Users...

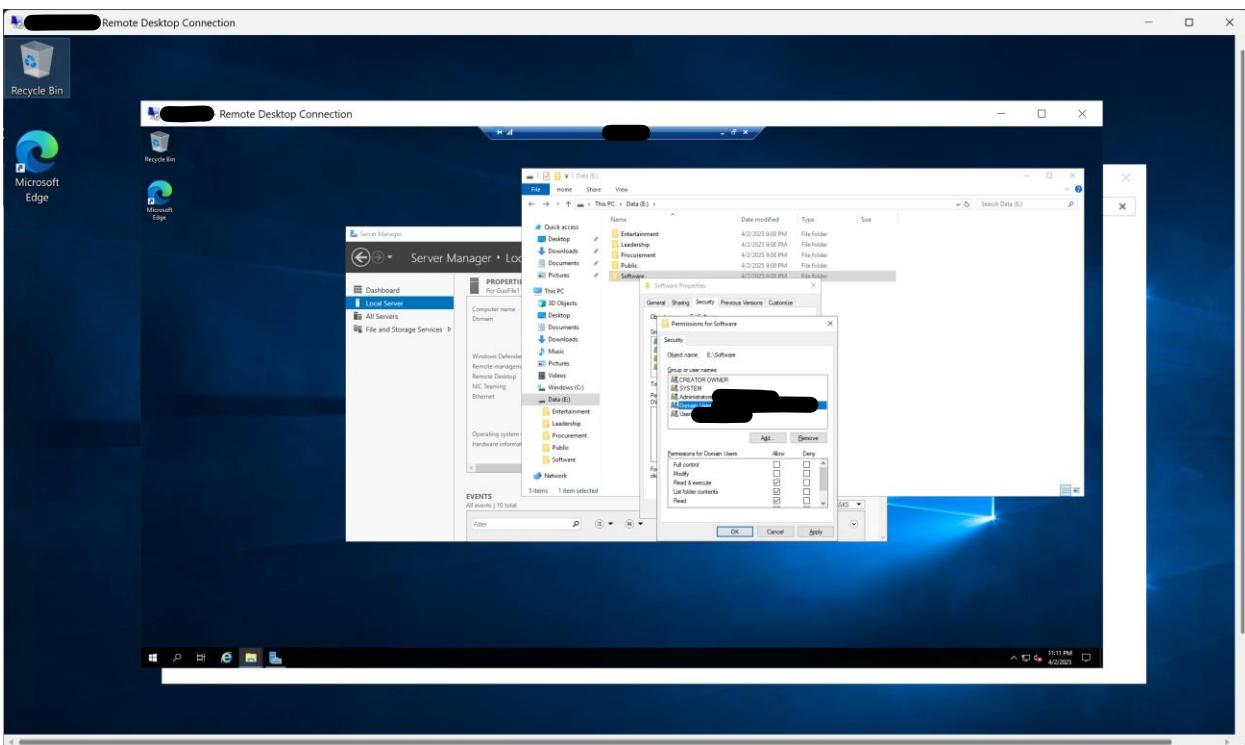


Software Folder...

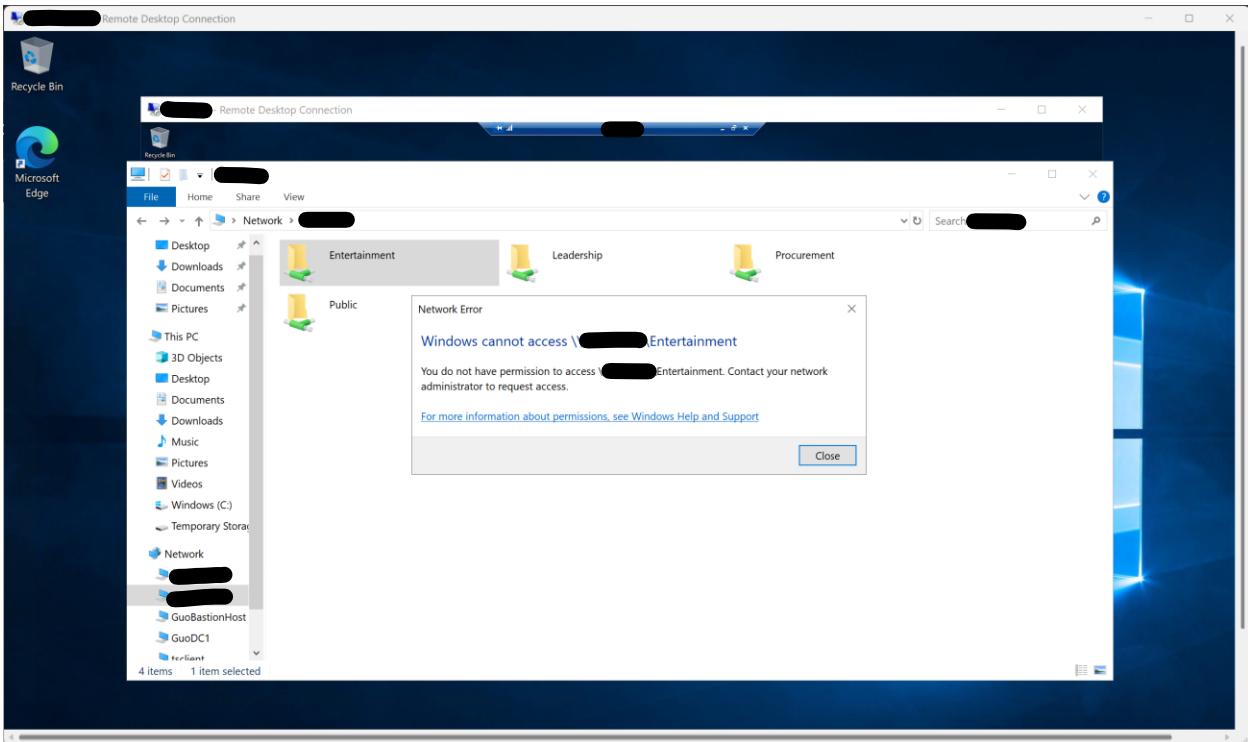




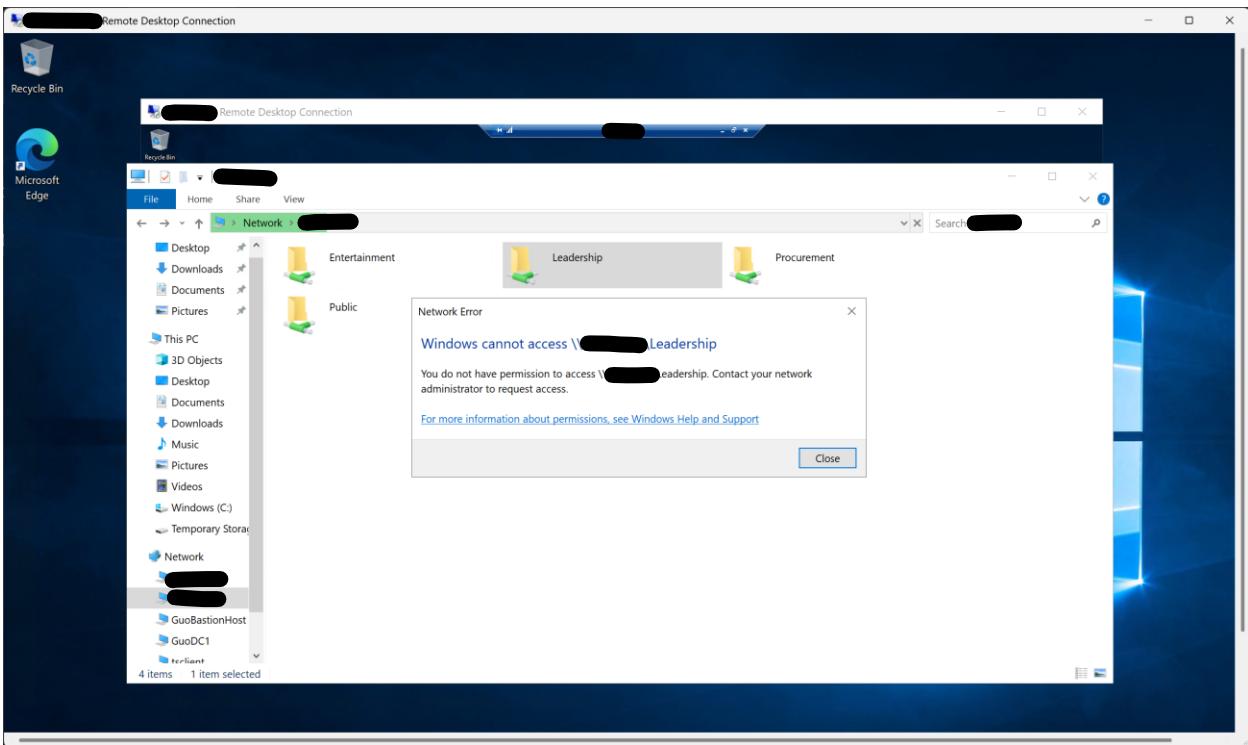
Add Domain



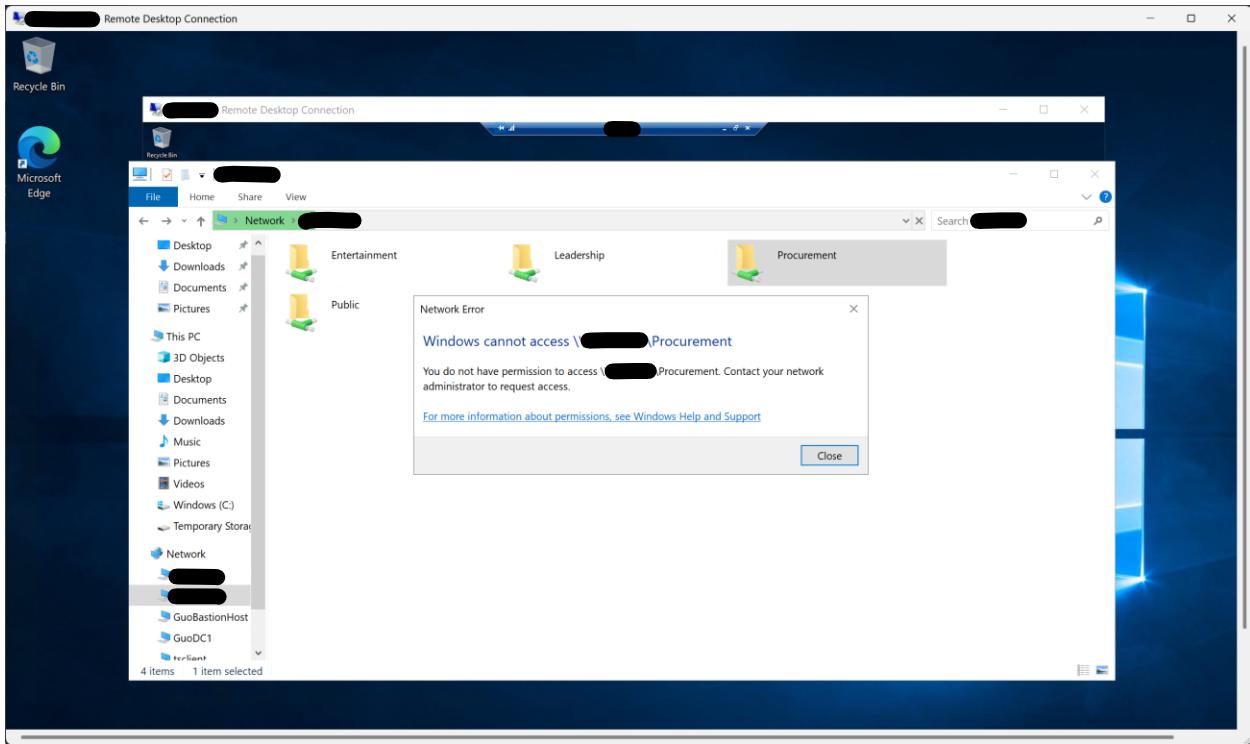
Nope...



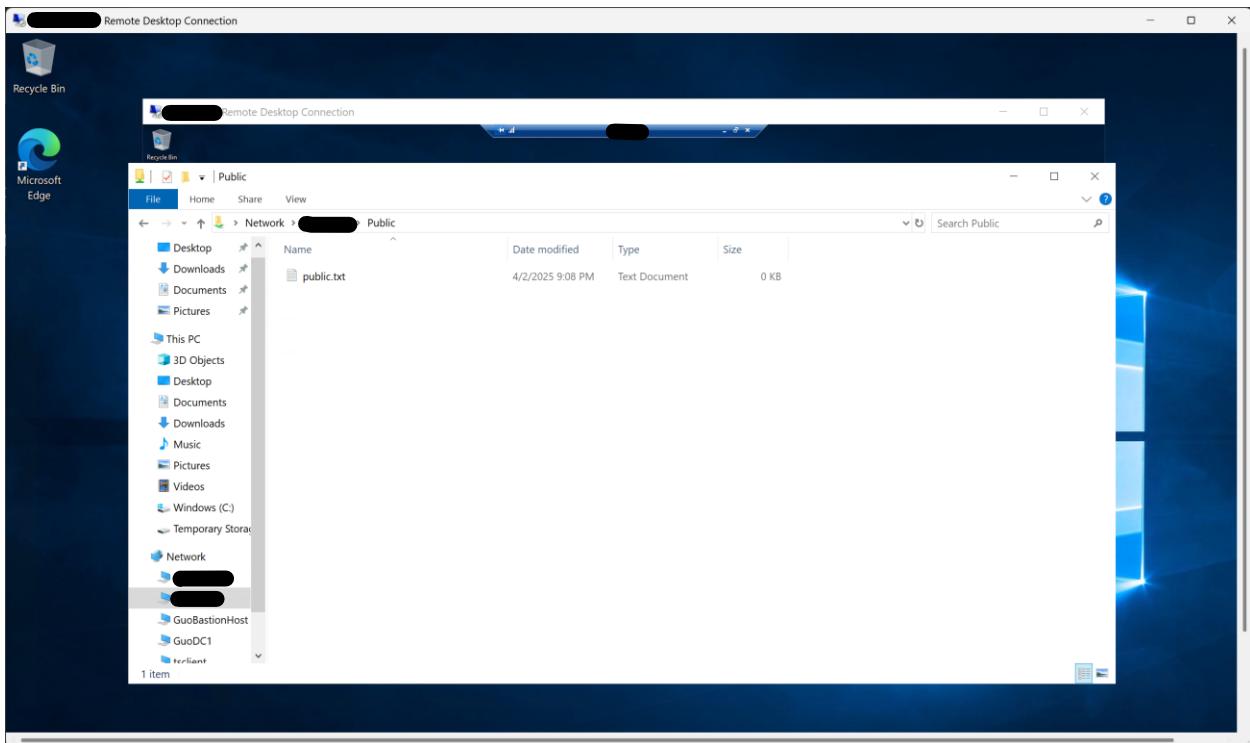
Nope...



Nope...



Success...



Which file shares could you access, and which ones could you not? I can only access the public file share, and cannot access Entertainment, Leadership & Procurement, and

cannot see the Software file share because it is hidden with \$. I can only access the public because the permission is set to public users, while others are set to domain users only.

VM created...

The screenshot shows the Microsoft Azure Deployment Overview page for a deployment named "CreateVm-MicrosoftWindowsDesktop.Windows-10-win10". The status is "Deployment succeeded". The deployment was created by "SHG182@pitt.edu" from "UNIVERSITY OF PITTSBURGH (P...)" on [REDACTED] at [REDACTED]. The deployment ID is [REDACTED]. The deployment details include "Deployment name: CreateVm-MicrosoftWindowsDesktop.Windows...", "Subscription: Azure for Students", "Resource group: [REDACTED]", "Start time: [REDACTED]", and "Correlation ID: [REDACTED]". The deployment is marked as complete. Next steps include "Setup auto-shutdown" (Recommended), "Monitor VM health, performance and network dependencies" (Recommended), and "Run a script inside the virtual machine" (Recommended). Buttons for "Go to resource" and "Create another VM" are visible. A sidebar on the right provides links to "Cost Management", "Microsoft Defender for Cloud", "Free Microsoft tutorials", and "Work with an expert".

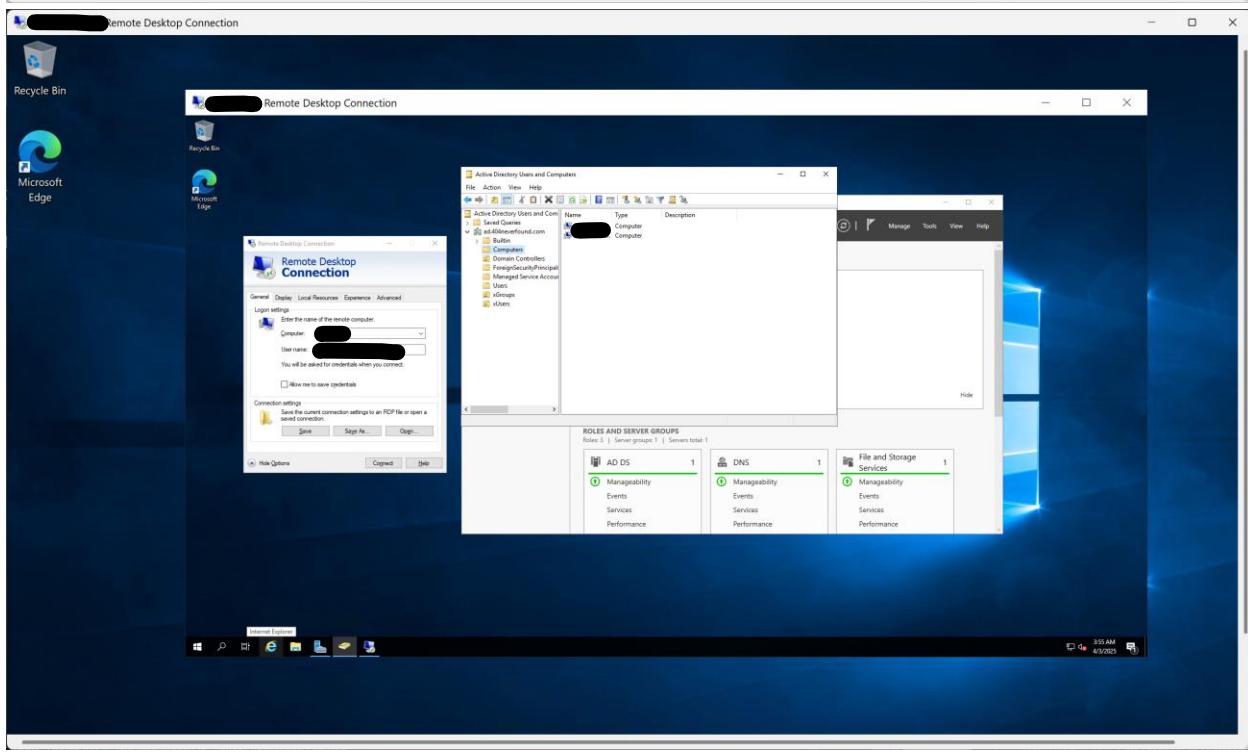
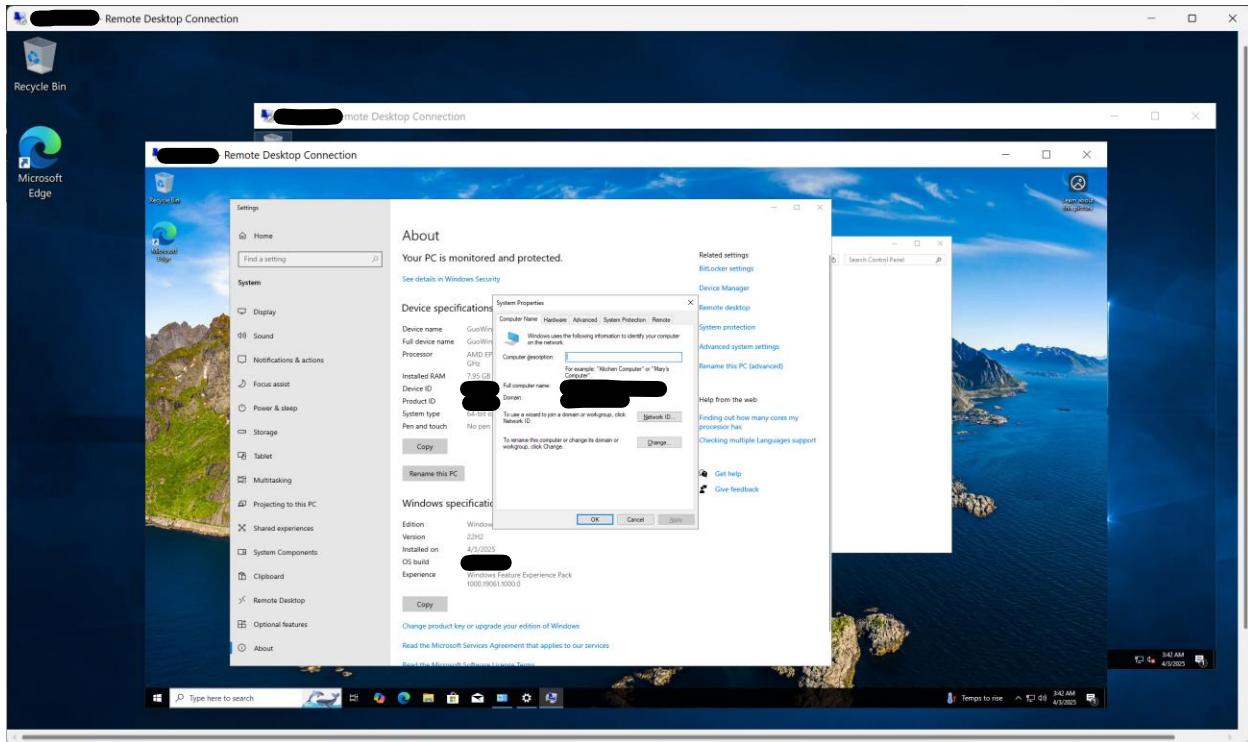
VM information...

The screenshot shows the Microsoft Azure Virtual Machine Properties page for a virtual machine named "GuoWin10-001". The properties include:

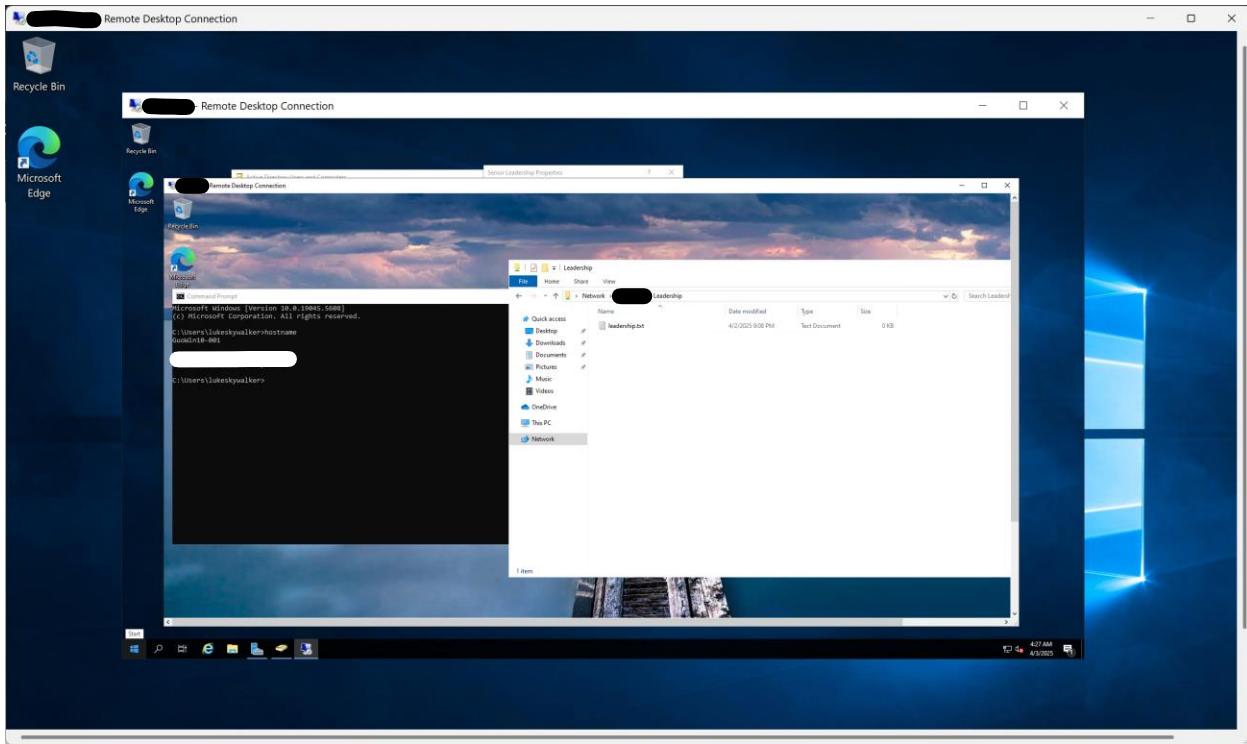
| Virtual machine | Networking |
|-------------------------------|---------------------------------------|
| Computer name: GuoWin10-001 | Public IP address: [REDACTED] |
| Operating system: Windows | Public IP address (IPv6): [REDACTED] |
| VM generation: V2 | Private IP address: [REDACTED] |
| VM architecture: x64 | Private IP address (IPv6): [REDACTED] |
| Agent status: Not Ready | Virtual network/subnet: [REDACTED] |
| Agent version: Unknown | DNS name: [REDACTED] |
| Hibernation: Disabled | |
| Host group: - | |
| Host: - | |
| Proximity placement group: - | |
| Colocation status: N/A | |
| Capacity reservation group: - | |
| Disk controller type: SCSI | |

Other tabs in the properties section include Monitoring, Capabilities (8), Recommendations, and Tutorials. The left sidebar lists various management options like Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Resource visualizer, Connect, Networking, Settings (Disks, Extensions + applications, Operating system, Configuration, Advisor recommendations, Properties, Locks), Availability + scale, and Azure Spot.

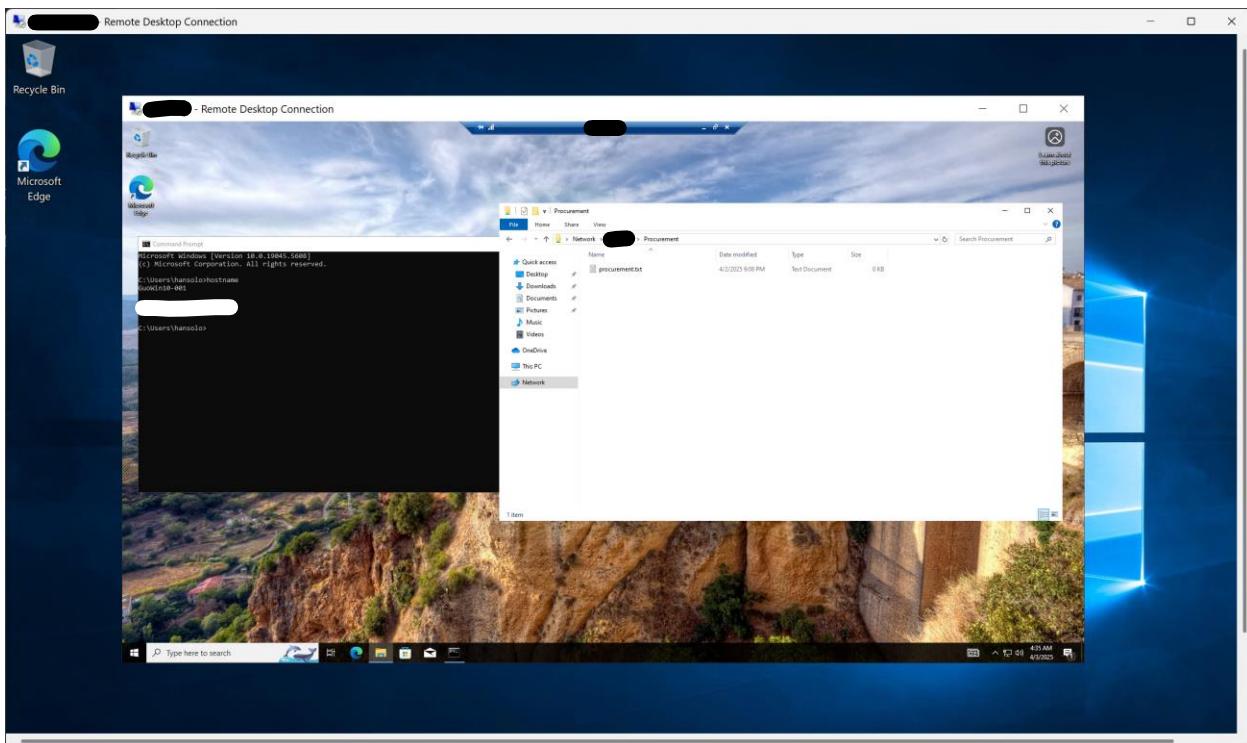
Added to the domain...



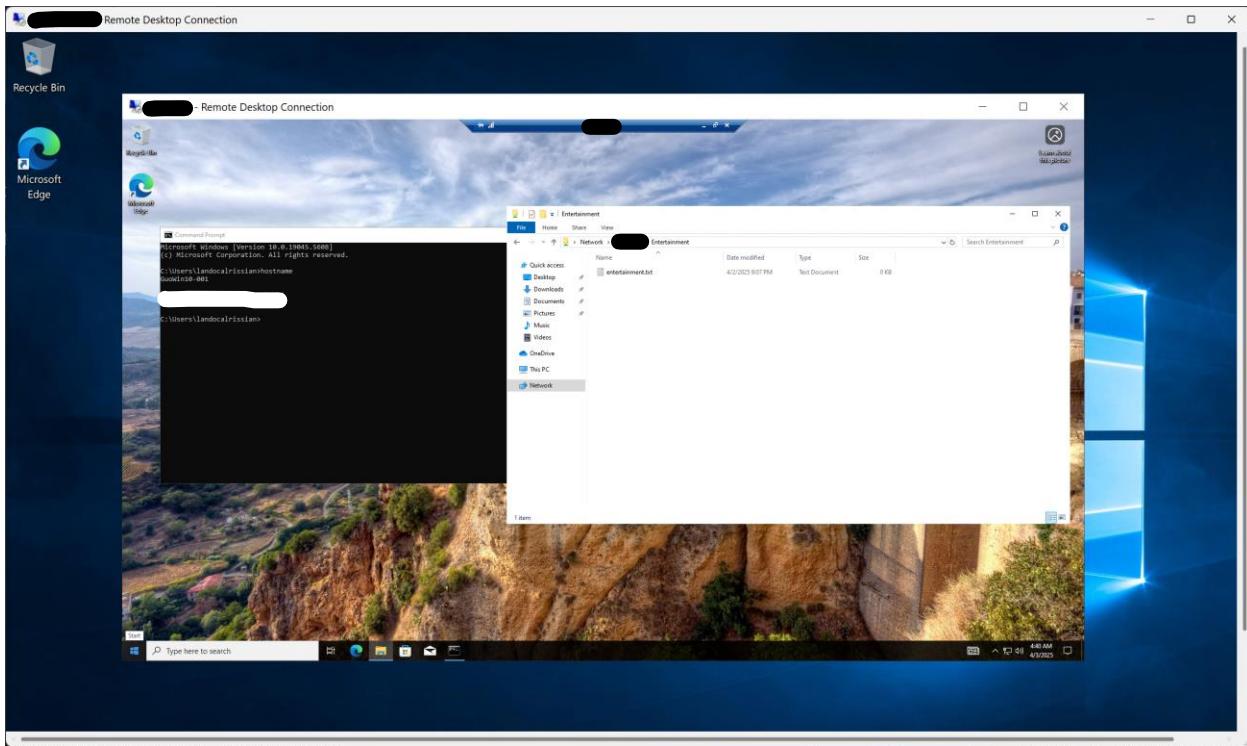
Luke Skywalker's account can only access both the Leadership and the Public shares. This is because Luke Skywalker is in the Senior Leadership group, and the permission for the Leadership share is only granted to the Senior Leadership and the Domain Admin.



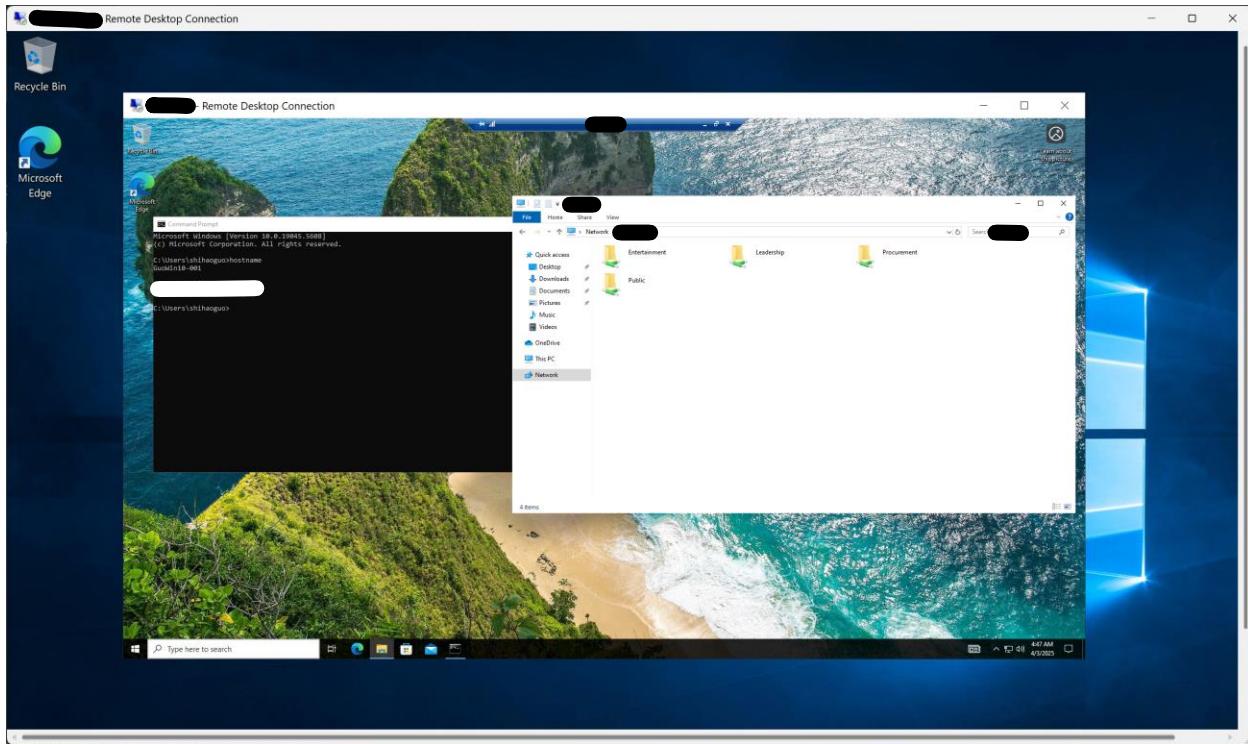
For Han Solo's account, only Procurement and Public shares are accessible. Same reason as Luke's account, Han Solo's account is only giving permission to Procurement shares.



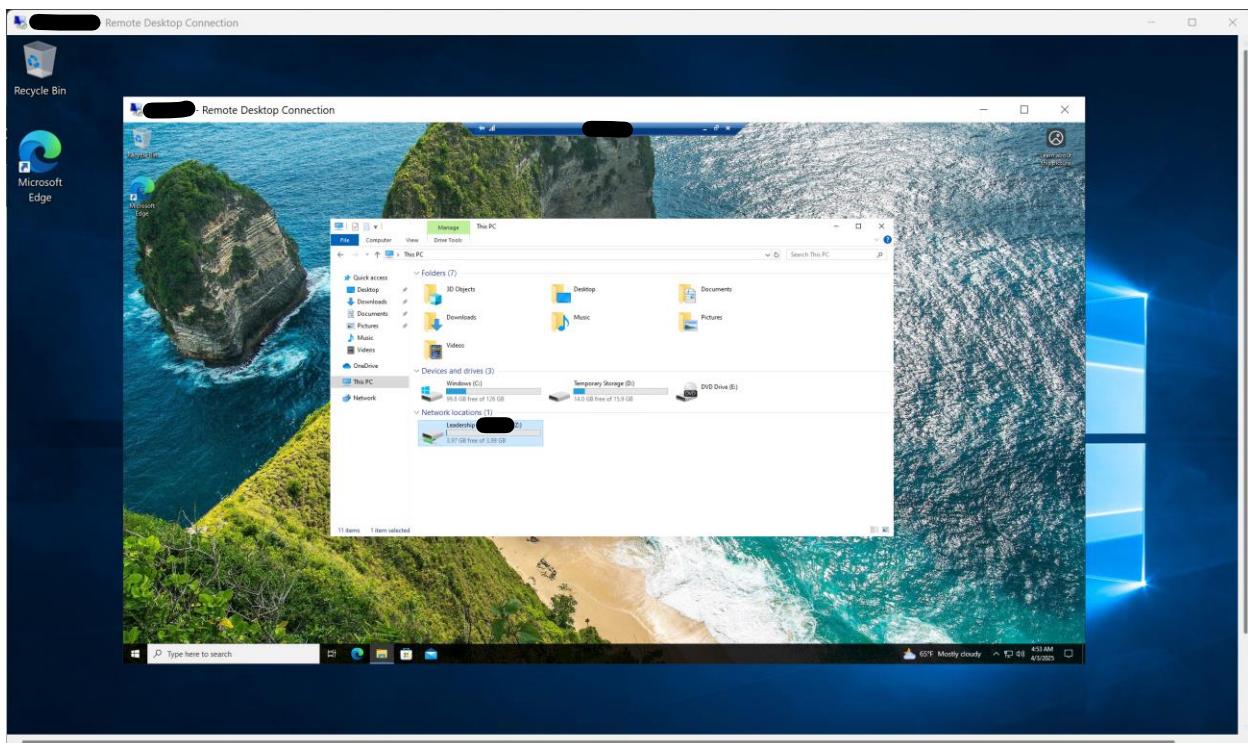
In Lando Calrissian's account, only Entertainment and Public shares are accessible. This is also because Lando was only added to the Entertainment group.



In Domain Admin's account (myself), I can access all shares except for the hidden software share, which is still accessible but hidden. This is because I am the Domain Admin, which is the “God”.



Create a map network drive on Domain Admin User...



Stopped GuoBastionHost

Microsoft Azure

Home > Compute infrastructure | Virtual machines >

Compute infrastructure | Virtual machines

Virtual machines Get started

Search Filter for any field... Name ↑

- GuoBastionHost
- GuoDC1
- GuoFile1
- GuoWin10-001

Virtual Machine Scale Set (VMSS)

Compute Fleet (preview)

> Disks + images

> Capacity + placement

> Related services

> Help

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GuoBastionHost Virtual machine

Overview Activity log Access control (IAM) Tags Diagnose and solve problems Resource visualizer Connect Networking Settings Disks Extensions + applications Operating system Configuration Advisor recommendations Properties Locks Availability + scale

Advisors (1 of 12): Machines should be configured to periodically check for missing system updates

Help me copy this VM in any region

Connect Start Restart Stop Hibernate Capture ...

Essentials

| Resource group (move) | [REDACTED] |
|------------------------|---------------------------------------|
| Status | : Stopped (deallocated) |
| Location | : East US 2 (Zone 1) |
| Subscription (move) | : Azure for Students |
| Subscription ID | [REDACTED] |
| Availability zone | : 1 |
| Operating system | : Windows |
| Size | : Standard B1ms (1 vcpu, 2 GiB me...) |
| Public IP address | [REDACTED] |
| Virtual network/subnet | [REDACTED] |
| DNS name | [REDACTED] |
| Health state | : - |
| Time created | [REDACTED] |
| Tags (edit) | : Add tags |

JSON View

Stopped GuoDC1

Microsoft Azure

Home > Compute infrastructure | Virtual machines >

Compute infrastructure | Virtual machines

Virtual machines Get started

Search Filter for any field... Name ↑

- GuoBastionHost
- GuoDC1
- GuoFile1
- GuoWin10-001

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Advisors (1 of 10): Migrate workload to D-series or better virtual machine →

Help me copy this VM in any region

Connect Start Restart Stop Hibernate Capture ...

Essentials

| Resource group (move) | [REDACTED] |
|------------------------|---------------------------------------|
| Status | : Stopped (deallocated) |
| Location | : East US 2 (Zone 1) |
| Subscription (move) | : Azure for Students |
| Subscription ID | [REDACTED] |
| Availability zone | : 1 |
| Operating system | : Windows |
| Size | : Standard B1ms (1 vcpu, 2 GiB me...) |
| Public IP address | [REDACTED] |
| Virtual network/subnet | [REDACTED] |
| DNS name | [REDACTED] |
| Health state | : - |
| Time created | [REDACTED] |
| Tags (edit) | : Add tags |

JSON View

Stopped GuoFile1

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

SHG182@pitt.edu UNIVERSITY OF PITTSBURGH (PL)

Home > Compute infrastructure | Virtual machines >

Compute infrastructure | Virtual machines

Virtual machines Get started

+ Create Switch to classic

Search for any field...

Name ↑

- GuoBastionHost
- GuoDC1
- GuoFile1**
- GuoWin10-001

Virtual Machine Scale Set (VMSS)

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GuoFile1 Virtual machine

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Resource visualizer

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- Disks
- Extensions + applications
- Operating system
- Configuration
- Advisor recommendations
- Properties
- Locks

Availability + scale

JSON View

Advisors (1 of 10): Windows virtual machines should enable Azure Disk Encryption or EncryptionAtHost.

Help me copy this VM in any region

Connect Start Restart Stop Hibernate Capture

Essentials

| Resource group (move) | |
|------------------------|---|
| Status | : Stopped (deallocated) |
| Location | : East US 2 (Zone 1) |
| Subscription (move) | : Azure for Students |
| Subscription ID | : [REDACTED] |
| Availability zone | : 1 |
| Operating system | : Windows |
| Size | : Standard B2as v2 (2 vcpus, 8 GiB ...) |
| Public IP address | : [REDACTED] |
| Virtual network/subnet | : [REDACTED] |
| DNS name | : [REDACTED] |
| Health state | : - |
| Time created | : [REDACTED] |
| Tags (edit) | : Add tags |

Stopped GuoWin10-001

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

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Home > Compute infrastructure | Virtual machines >

Compute infrastructure | Virtual machines

Virtual machines Get started

+ Create Switch to classic

Search for any field...

Name ↑

- GuoBastionHost
- GuoDC1
- GuoFile1
- GuoWin10-001**

Virtual Machine Scale Set (VMSS)

Compute Fleet (preview)

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> Capacity + placement

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GuoWin10-001 Virtual machine

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- Extensions + applications
- Operating system
- Configuration
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- Properties
- Locks

Availability + scale

JSON View

Advisors (1 of 2): Use Azure Capacity Reservation for virtual machine (VM) →

Help me copy this VM in any region

Connect Start Restart Stop Hibernate Capture

Essentials

| Resource group (move) | |
|------------------------|---|
| Status | : Running |
| Location | : East US 2 (Zone 1) |
| Subscription (move) | : Azure for Students |
| Subscription ID | : [REDACTED] |
| Availability zone | : 1 |
| Operating system | : Windows |
| Size | : Standard D2as v4 (2 vcpus, 8 GiB ...) |
| Public IP address | : [REDACTED] |
| Virtual network/subnet | : [REDACTED] |
| DNS name | : [REDACTED] |
| Health state | : - |
| Time created | : [REDACTED] |
| Tags (edit) | : Add tags |