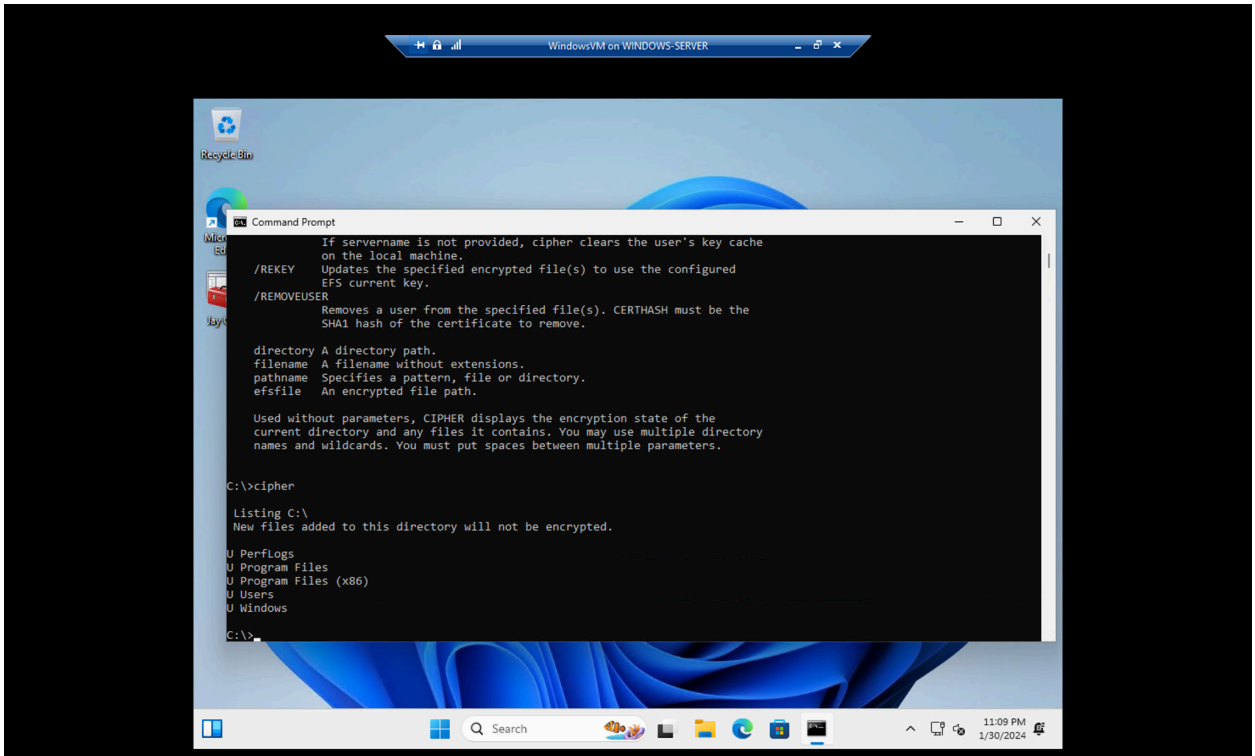
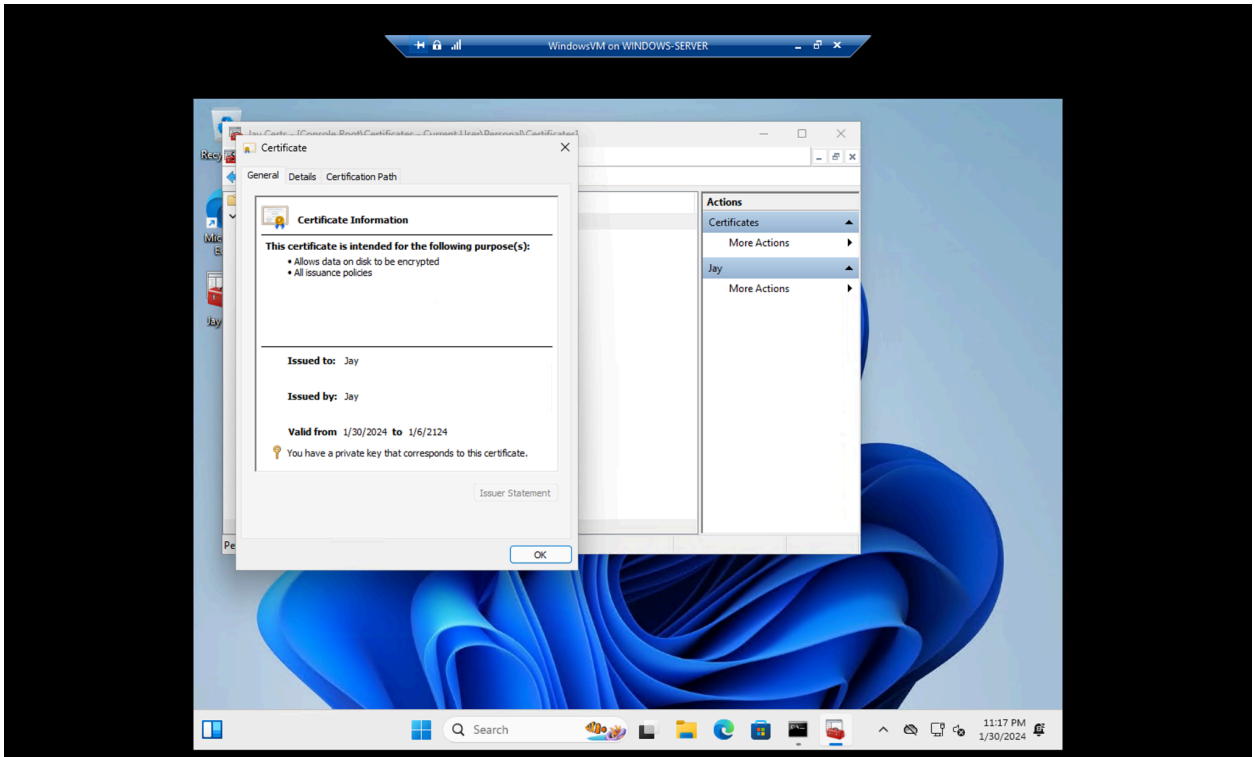
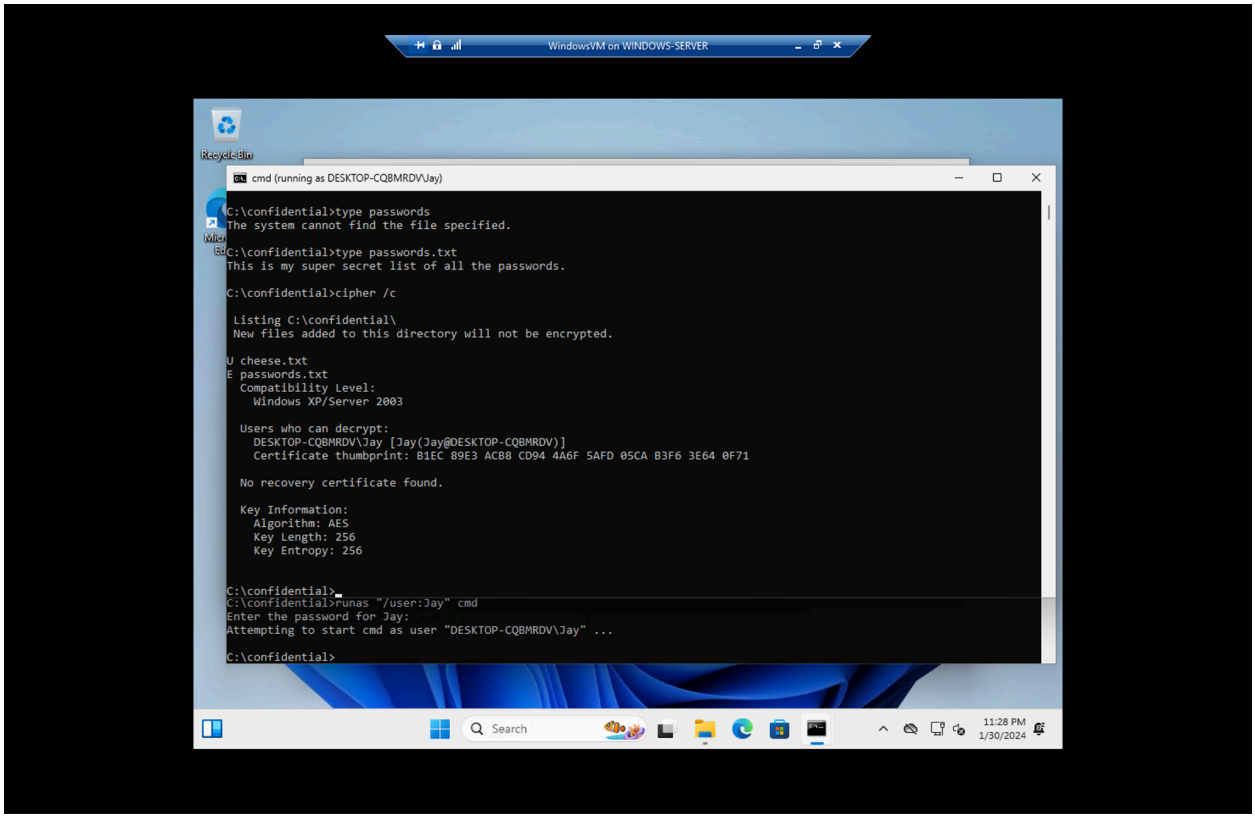
Status: u, unencrypted
E indicate: encrypted
Can user see: yes
Compare: passwords has a little lock on it
The result: Access denied because it was encrypted by a different user and my second account isnt the admin account
Result: i read the file because I used the runas to make me seem like I'm the user who made the file.

What encryption standard: AES
Symmetric or Asymmetric: Symmetric
What is the purpose of the certificate? For fun
Is the certificate for Symmetric or Asymmetric use? Symmetric


WindowsVM on WINDOWS-SERVER
Recycle Bin
Command Prompt
If servername is not provided, cipher clears the user's key cache
on the local machine.
/REKEY Updates the specified encrypted file(s) to use the configured
EFS current key.
/REMOVEUSER
Removes a user from the specified file(s). CERTHASH must be the
SHA1 hash of the certificate to remove.
directory A directory path.
filename A filename without extensions.
pathname Specifies a pattern, file or directory.
efsfile An encrypted file path.
Used without parameters, CIPHER displays the encryption state of the
current directory and any files it contains. You may use multiple directory
names and wildcards. You must put spaces between multiple parameters.
C:\>cipher
Listing C:\
New files added to this directory will not be encrypted.
U PerfLogs
U Program Files
U Program Files (x86)
U Users
U Windows
C:\>
Search
11:09 PM
1/30/2024


WindowsVM on WINDOWS-SERVER
Certificate
General
Details
Certification Path
Certificate Information
This certificate is intended for the following purpose(s):
• Allows data on disk to be encrypted
• All issuance policies
Issued to: Jay
Issued by: Jay
Valid from 1/30/2024 to 1/6/2124
You have a private key that corresponds to this certificate.
Issuer Statement
OK
Actions
Certificates
More Actions
Jay
More Actions
Search
11:17 PM
1/30/2024


WindowsVM on WINDOWS-SERVER
Recycle Bin
cmd (running as DESKTOP-CQBMRDV\Jay)
C:\confidential>type passwords
The system cannot find the file specified.
C:\confidential>type passwords.txt
This is my super secret list of all the passwords.
C:\confidential>cipher /c
Listing C:\confidential\
New files added to this directory will not be encrypted.
U cheese.txt
E passwords.txt
Compatibility Level:
Windows XP/Server 2003
Users who can decrypt:
DESKTOP-CQBMRDV\Jay [Jay(Jay@DESKTOP-CQBMRDV)]
Certificate thumbprint: B1EC 89E3 ACB8 CD94 4A6F 5AFD 05CA B3F6 3E64 0F71
No recovery certificate found.
Key Information:
Algorithm: AES
Key Length: 256
Key Entropy: 256
C:\confidential>
C:\confidential>runas "/user:Jay" cmd
Enter the password for Jay:
Attempting to start cmd as user "DESKTOP-CQBMRDV\Jay" ...
C:\confidential>
Search
11:28 PM
1/30/2024