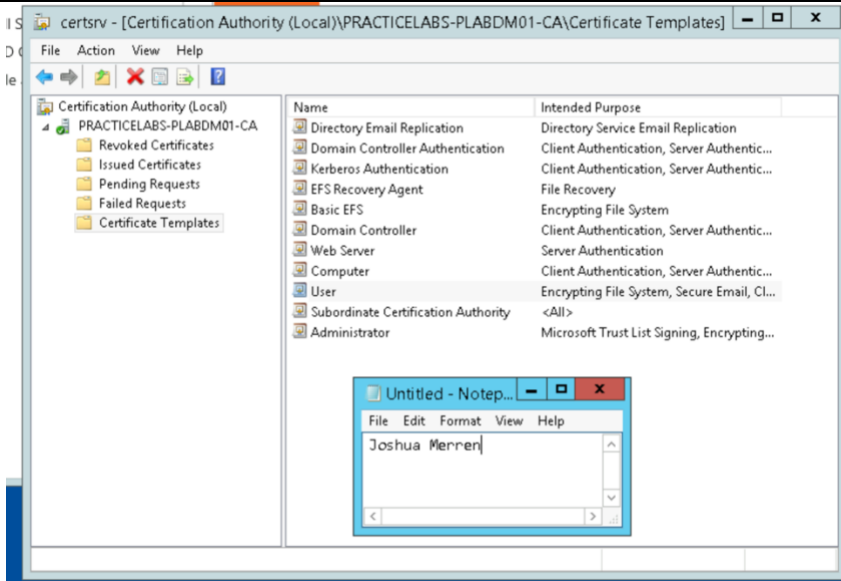


CYB 300 Module Four Practice Lab Worksheet Two

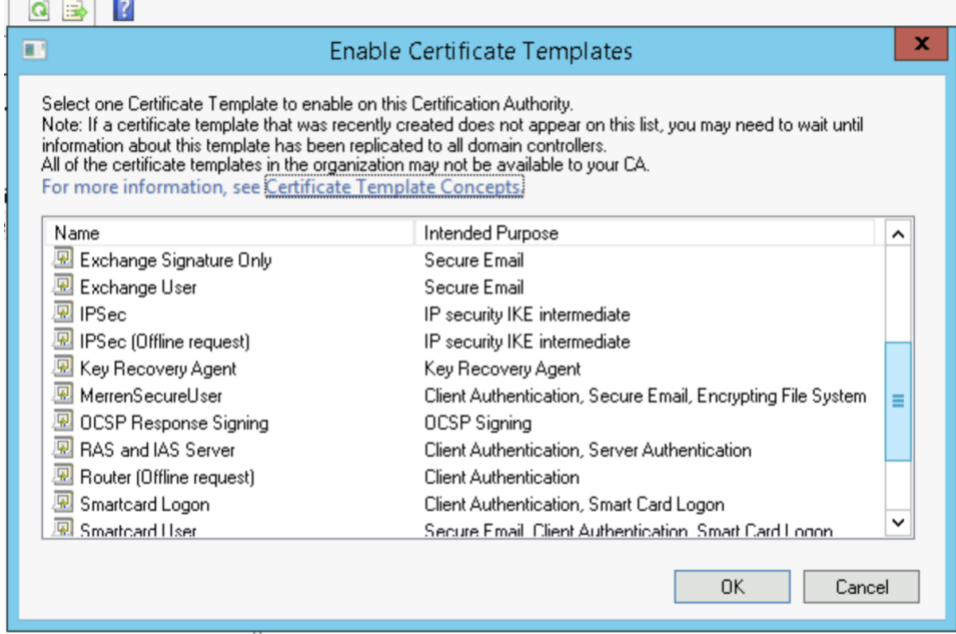
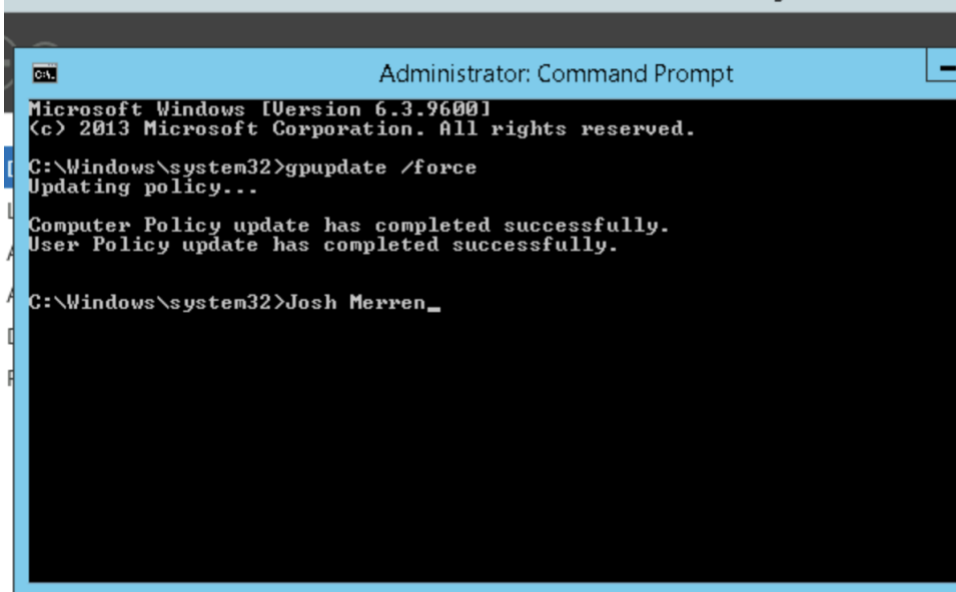
Complete this worksheet by replacing the bracketed phrases in the Response column with the relevant information. For all screenshots, include your name in the command line.

Lab: Manage Certificates

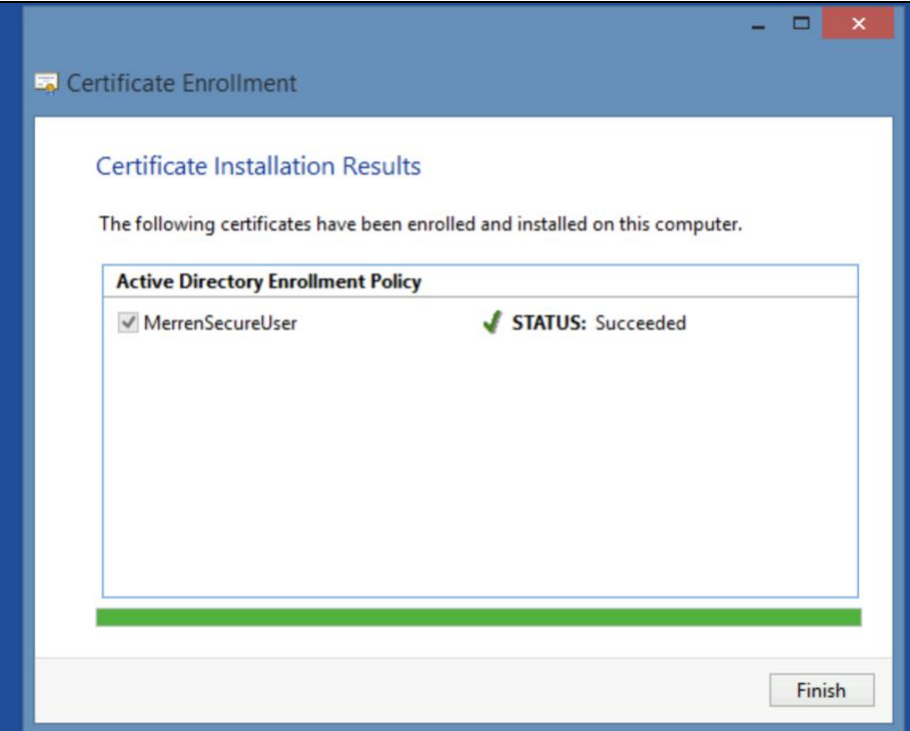
Exercise 1: Manage Certificate Templates

Prompt	Response
Task 1: Take a screenshot of step 8 showing the details of the new user cert template. Add your name in the command line.	
Task 1: In Step 13 , take a screenshot that shows the new SecureUser template and three intended purposes. Add your name in the command line.	[Insert screenshot here.]

Exercise 2: Manage Certificate Enrollment

Prompt	Response																								
<p>Task 1: In Step 4, replace the name in the “Template display name” with your last name - SecureUser (LastName-SecureUser).</p> <p>Then, in Step 13, scroll down until you see LastName-SecureUser and take a screenshot of the Enable Certificate Templates window.</p>	 <p>The screenshot shows the 'Enable Certificate Templates' window. It contains a list of templates with columns for 'Name' and 'Intended Purpose'. The 'MerrenSecureUser' template is selected. The intended purpose for this template is 'Client Authentication, Secure Email, Encrypting File System, OCSP Signing'.</p> <table border="1"> <thead> <tr> <th>Name</th> <th>Intended Purpose</th> </tr> </thead> <tbody> <tr> <td>Exchange Signature Only</td> <td>Secure Email</td> </tr> <tr> <td>Exchange User</td> <td>Secure Email</td> </tr> <tr> <td>IPSec</td> <td>IP security IKE intermediate</td> </tr> <tr> <td>IPSec (Offline request)</td> <td>IP security IKE intermediate</td> </tr> <tr> <td>Key Recovery Agent</td> <td>Key Recovery Agent</td> </tr> <tr> <td>MerrenSecureUser</td> <td>Client Authentication, Secure Email, Encrypting File System, OCSP Signing</td> </tr> <tr> <td>OCSP Response Signing</td> <td>OCSP Signing</td> </tr> <tr> <td>RAS and IAS Server</td> <td>Client Authentication, Server Authentication</td> </tr> <tr> <td>Router (Offline request)</td> <td>Client Authentication</td> </tr> <tr> <td>Smartcard Logon</td> <td>Client Authentication, Smart Card Logon</td> </tr> <tr> <td>Smartcard User</td> <td>Secure Email, Client Authentication, Smart Card Logon</td> </tr> </tbody> </table>	Name	Intended Purpose	Exchange Signature Only	Secure Email	Exchange User	Secure Email	IPSec	IP security IKE intermediate	IPSec (Offline request)	IP security IKE intermediate	Key Recovery Agent	Key Recovery Agent	MerrenSecureUser	Client Authentication, Secure Email, Encrypting File System, OCSP Signing	OCSP Response Signing	OCSP Signing	RAS and IAS Server	Client Authentication, Server Authentication	Router (Offline request)	Client Authentication	Smartcard Logon	Client Authentication, Smart Card Logon	Smartcard User	Secure Email, Client Authentication, Smart Card Logon
Name	Intended Purpose																								
Exchange Signature Only	Secure Email																								
Exchange User	Secure Email																								
IPSec	IP security IKE intermediate																								
IPSec (Offline request)	IP security IKE intermediate																								
Key Recovery Agent	Key Recovery Agent																								
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<p>Task 2: In Step 10, run the gpupdate /force command to propagate the new user Group Policy to the domain. Add your name after the command prompt and take a screenshot of the output and your name.</p>	 <p>The screenshot shows the 'Administrator: Command Prompt' window. It displays the output of the 'gpupdate /force' command, which successfully updates the computer and user policies. The user's name, 'Josh Merren_', is entered at the prompt.</p> <pre> Microsoft Windows [Version 6.3.9600] (c) 2013 Microsoft Corporation. All rights reserved. C:\Windows\system32>gpupdate /force Updating policy... Computer Policy update has completed successfully. User Policy update has completed successfully. C:\Windows\system32>Josh Merren_ </pre>																								

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<p>Task 3: In Step 10, take a screenshot of the Certificate Installation Results window.</p>	
<p>What is the importance of creating custom self-signed certificates for your organization? For example, are settings customized depending on the type or business of the organization?</p>	<p>Creating custom self-signed certificates is essential because it helps keep your organization's information safe. These certificates can be made to fit the specific needs of your business. For example, a bank or a hospital might need more robust security because they deal with sensitive information. Custom certificates can also be used in testing to ensure everything works securely without needing approval from outside organizations. Customizing certificates ensures they follow your company's rules and keep communications secure within your network. This helps protect your data and builds trust in your internal systems.</p>