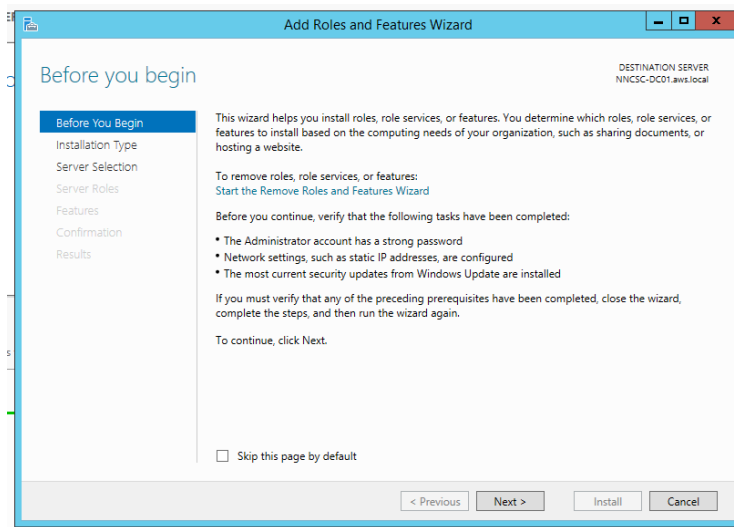
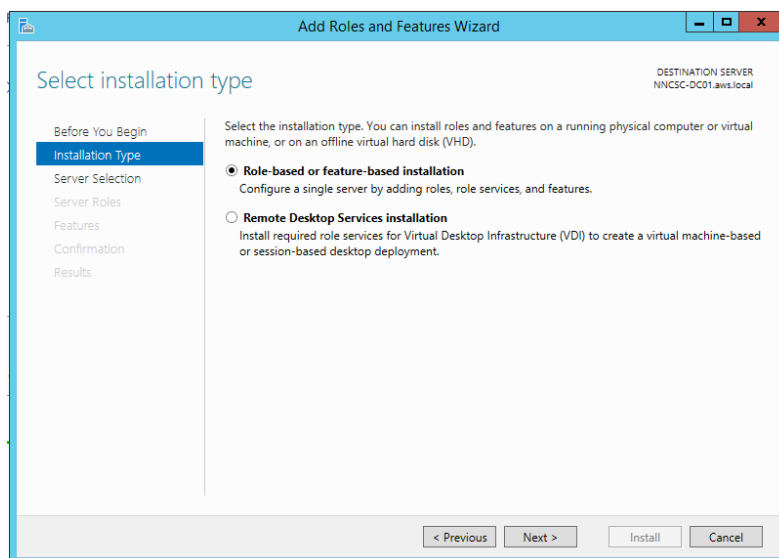


Creating and Secure FTP Server

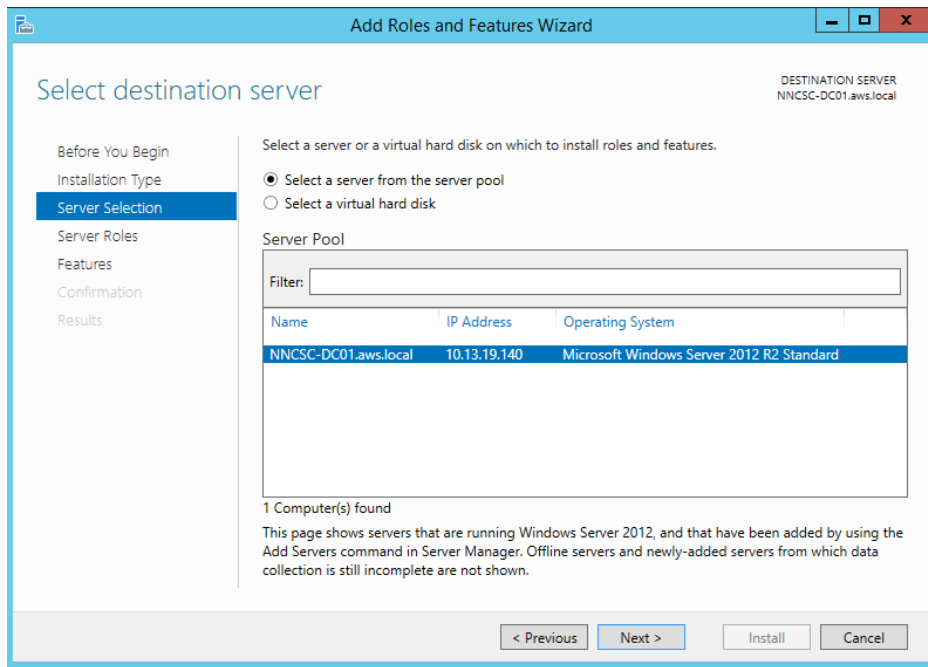
1. Click Server Manager → add roles and features → Next



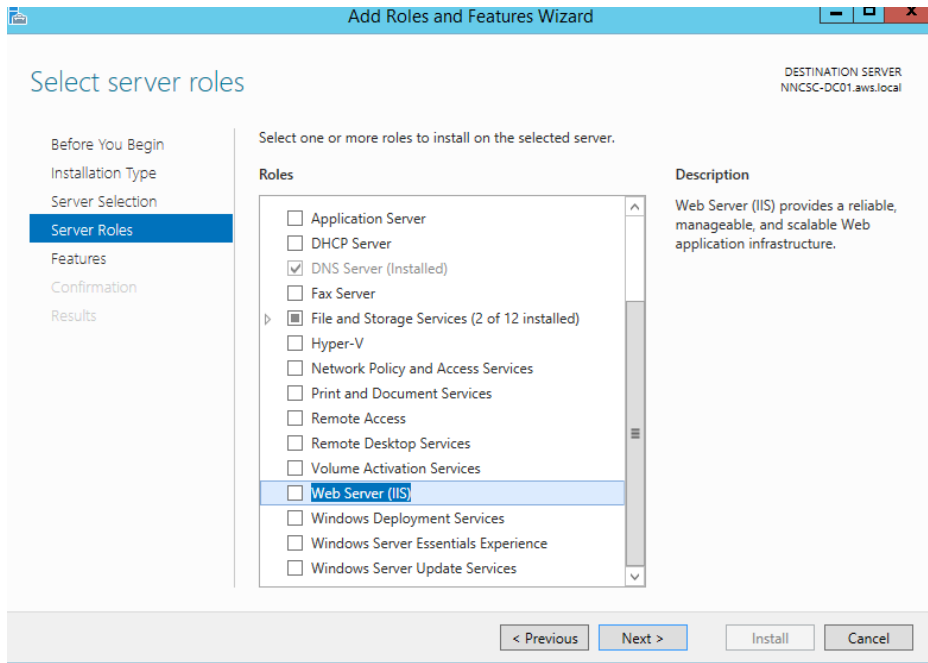
2. Click Role-Based or features-based Installation → Next



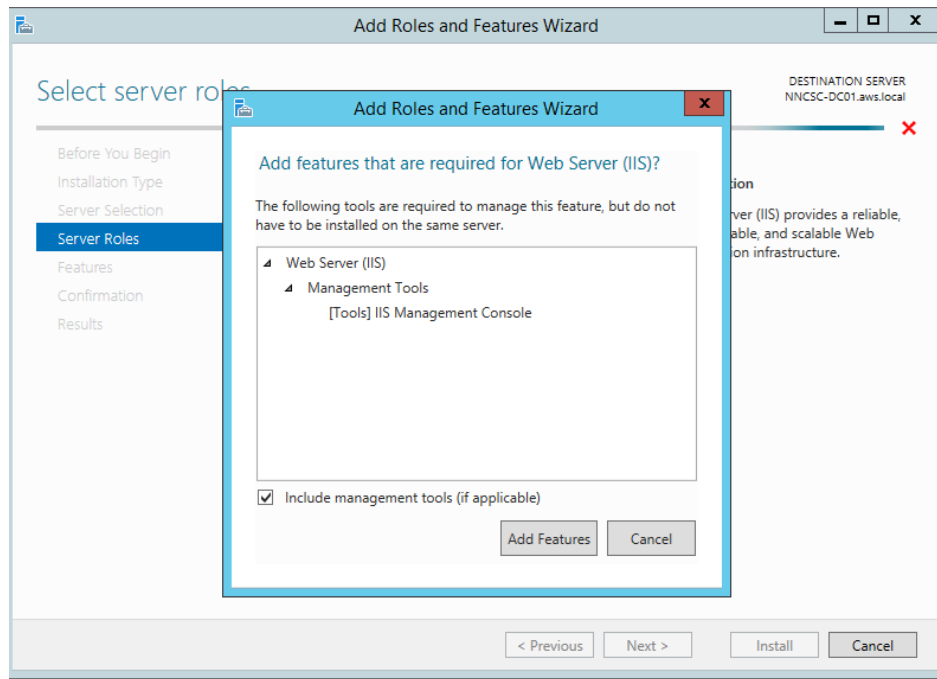
3. Select your server name → Next



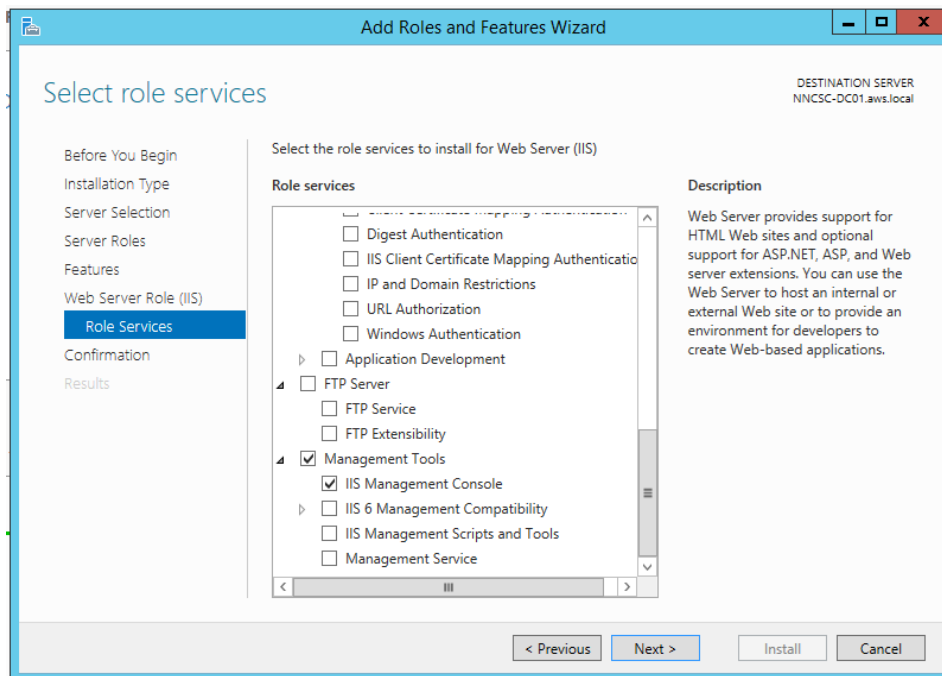
4. Tick Web server (IIS) → Next



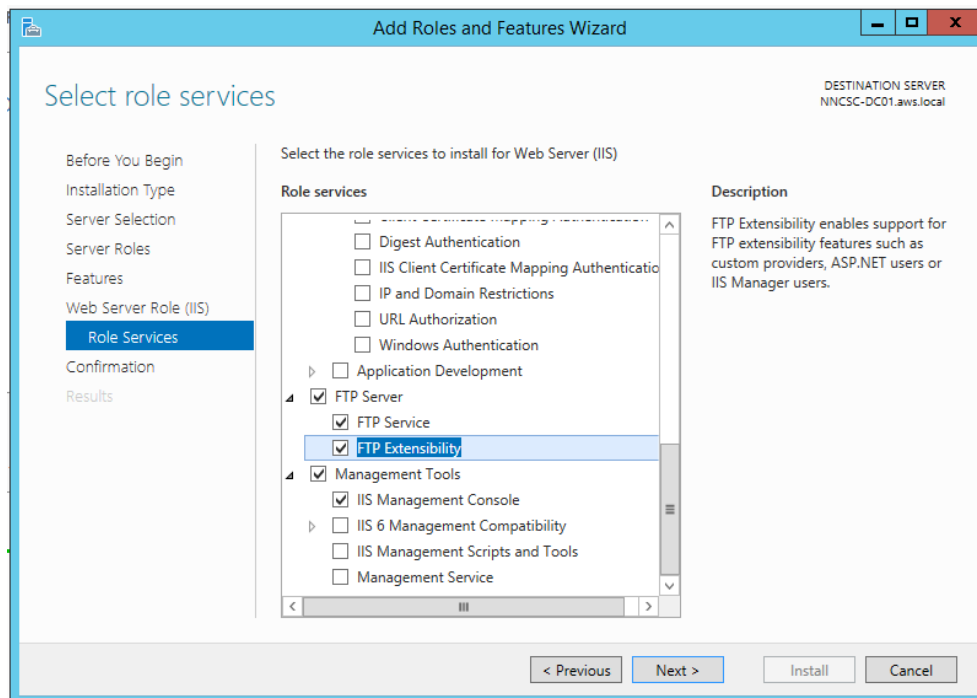
5. Click add Features → Next



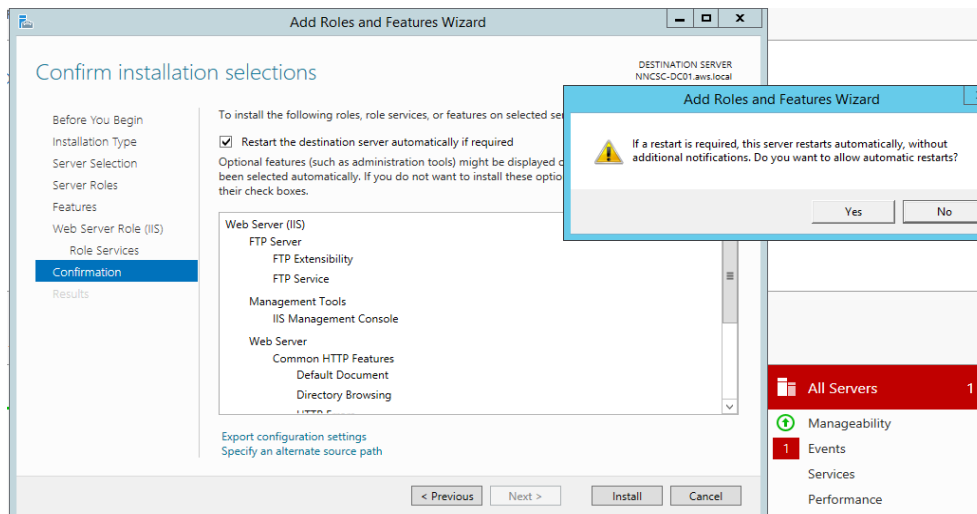
6. Scroll down until you see FTP Server



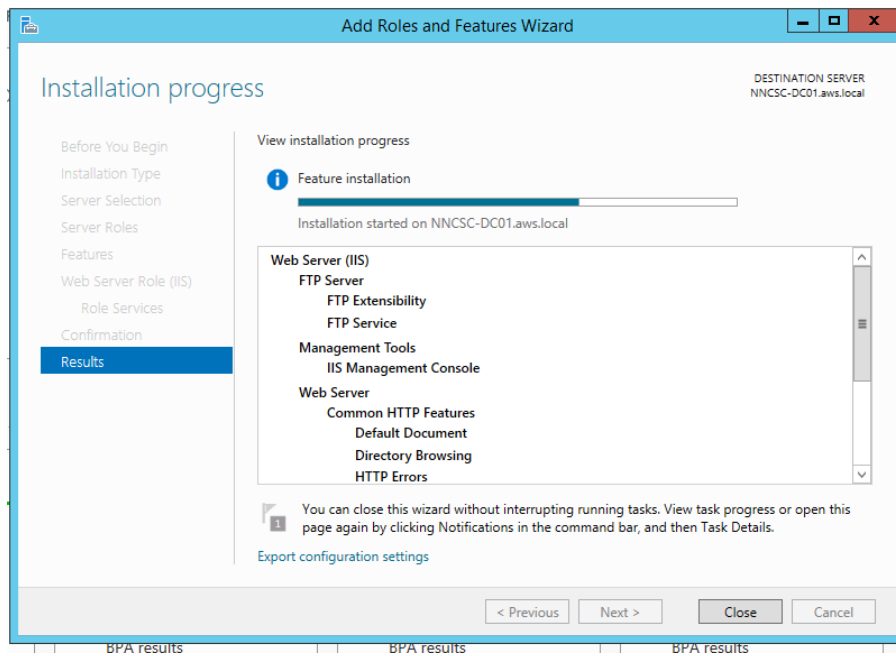
7. Tick “FTP Server” “FTP Service” “FTP Extensibility” → Next



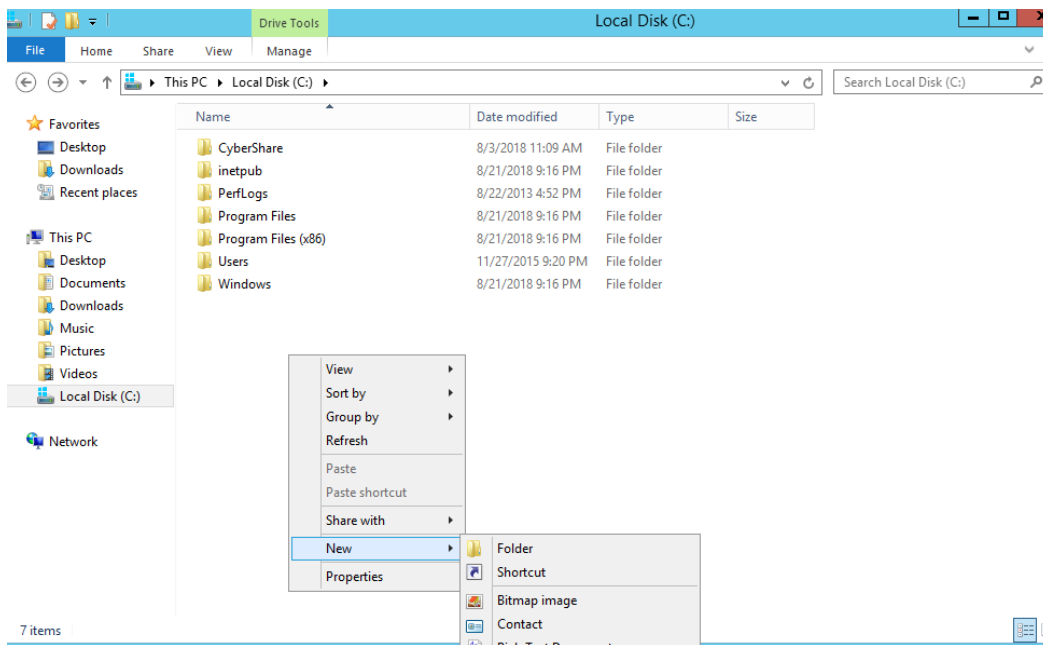
8. Tick restart option → Yes → next → install



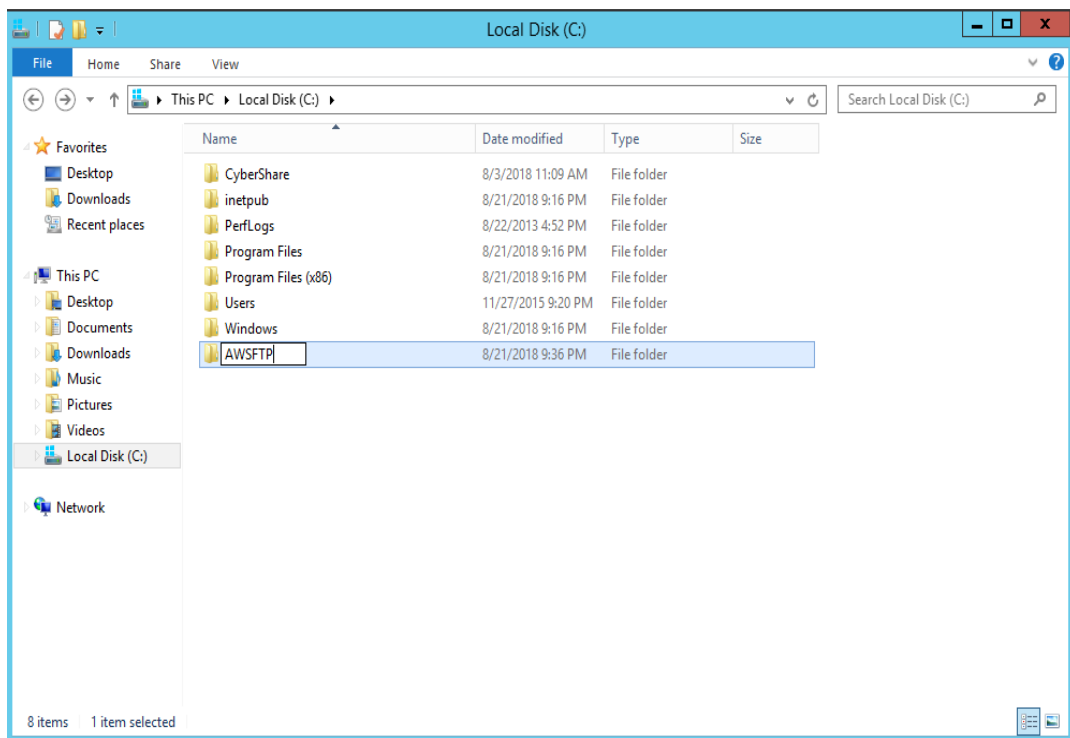
9. Installation in progress → close after installation done



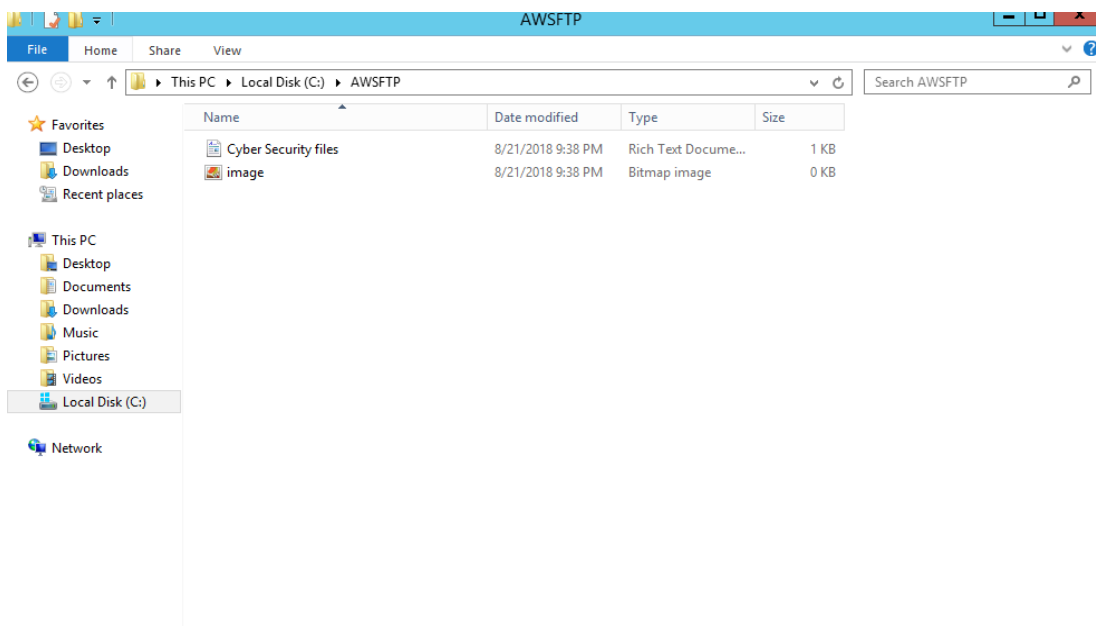
10. Create FTP folder under C:\ drive



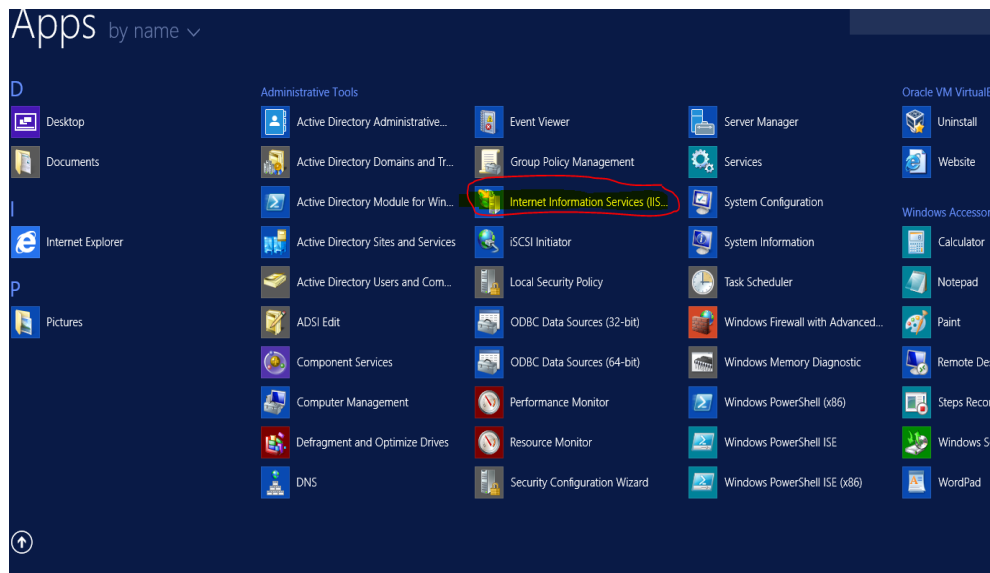
11. Name it “AWSFTP”



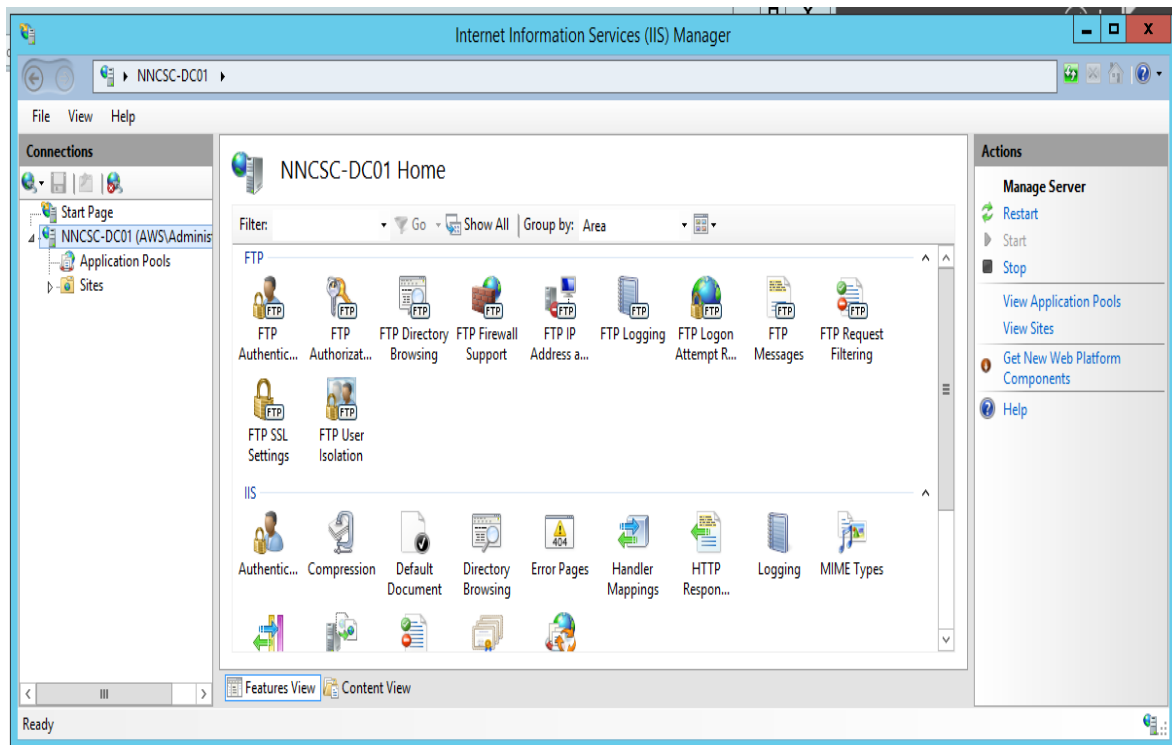
12. Create two files in AWSFTP



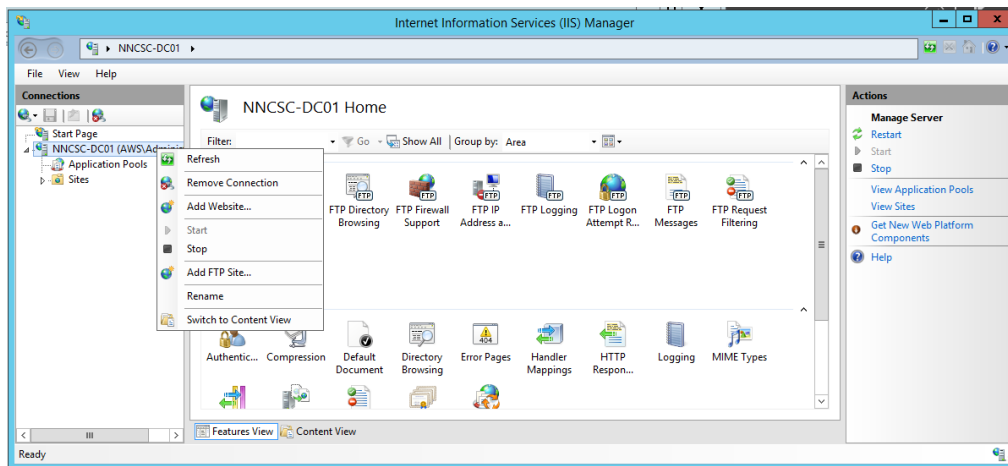
13. Locate IIS Manager



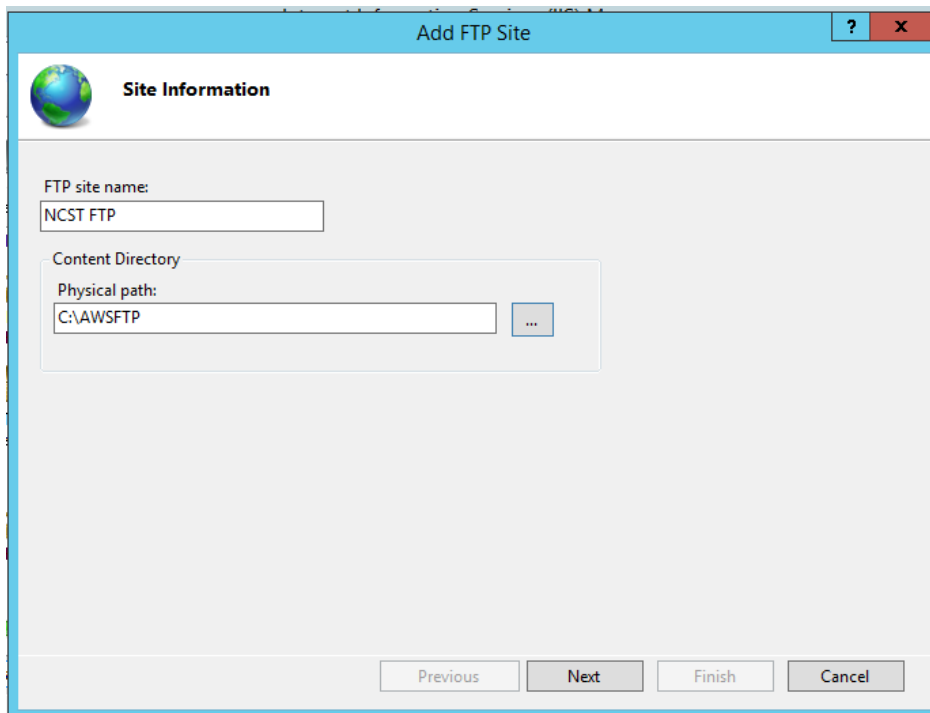
14. Expand NNCSC-DC01



15. Add a new FTP Site



16. FTP site NAME “NCST” and Physical path “C:\AWSFTP”

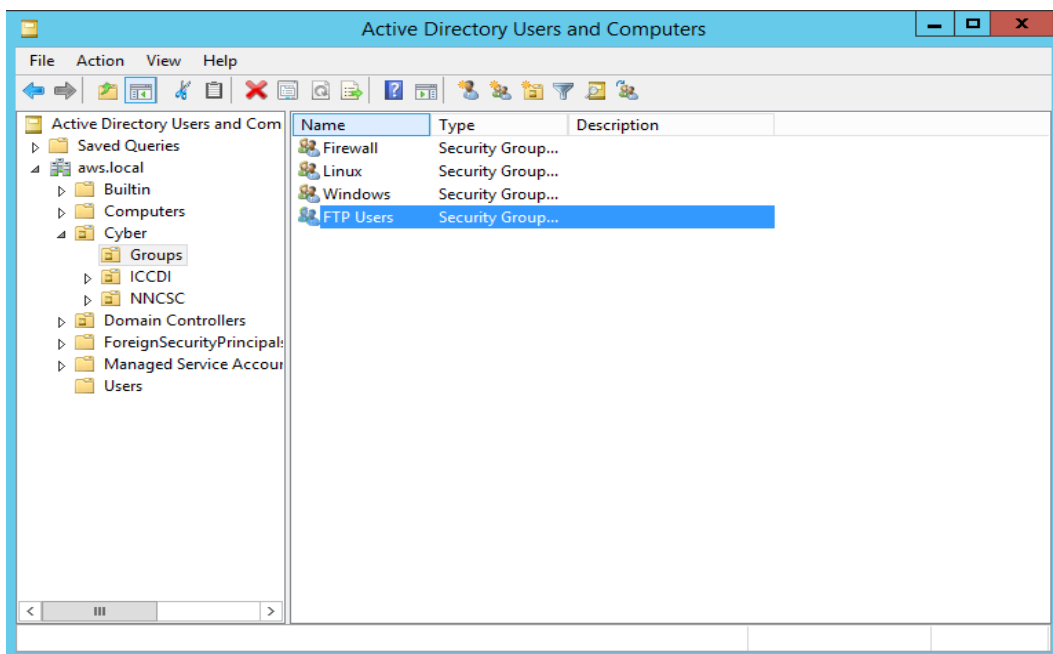


17. Use your server IP address and port 21 → No SSL

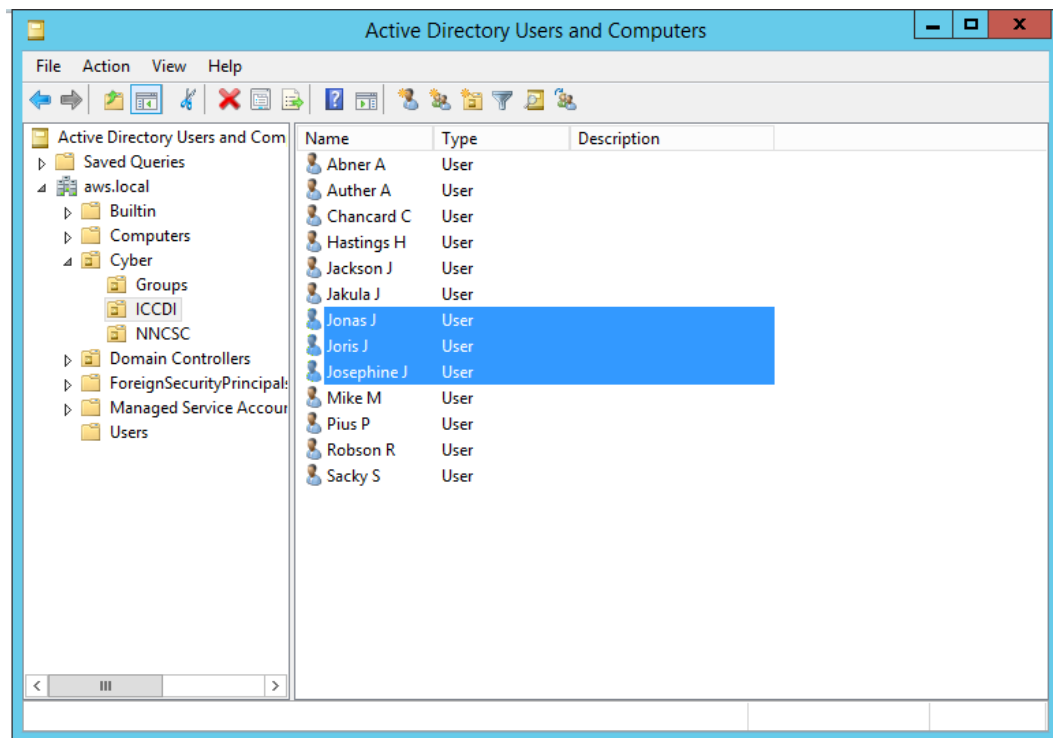
The screenshot shows the 'Add FTP Site' wizard in Windows Server, specifically the 'Binding and SSL Settings' step. The 'Binding' section has 'IP Address' set to 10.13.19.140 and 'Port' set to 21. The 'Enable Virtual Host Names' checkbox is unchecked. The 'Start FTP site automatically' checkbox is checked. In the 'SSL' section, 'No SSL' is selected. The 'SSL Certificate' dropdown is set to 'Not Selected'. Navigation buttons at the bottom include 'Previous', 'Next', 'Finish', and 'Cancel'.

Section	Field	Value
Binding	IP Address	10.13.19.140
	Port	21
	Enable Virtual Host Names	<input type="checkbox"/>
SSL	Start FTP site automatically	<input checked="" type="checkbox"/>
	No SSL	<input checked="" type="radio"/>

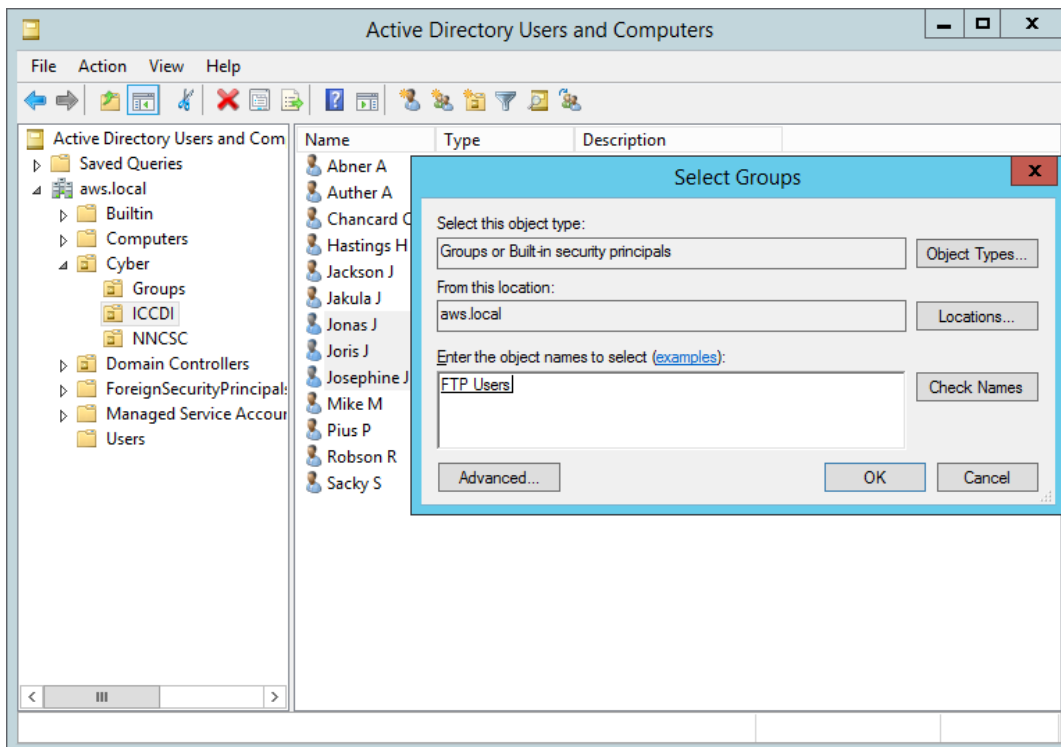
18. Create FTP Users group under Cyber → Groups



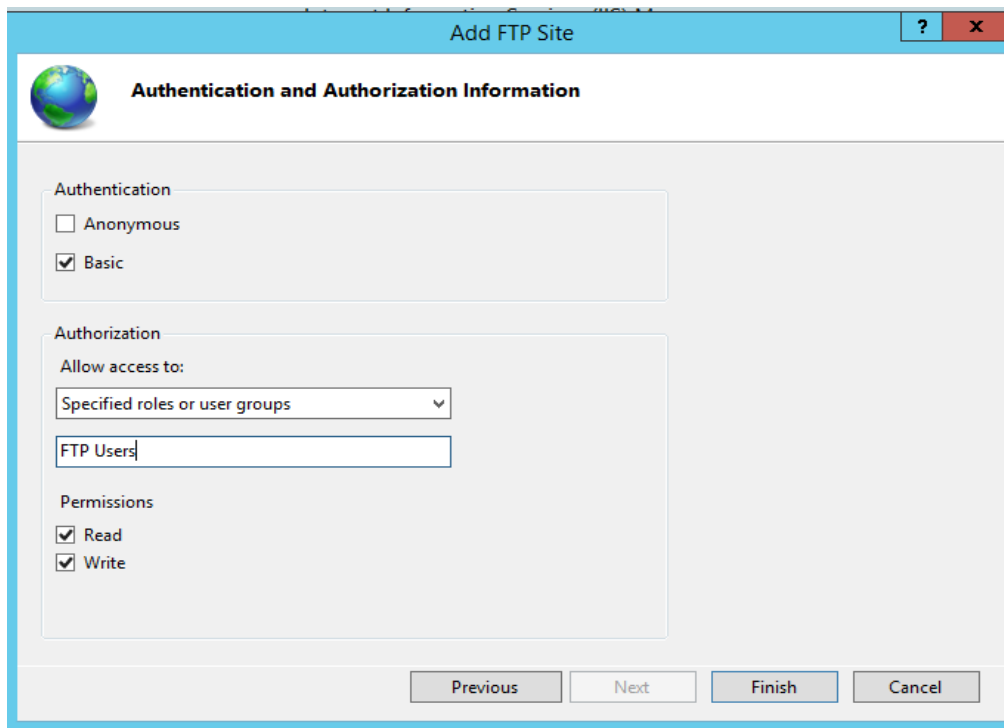
19. Select Jonas Joris, Josephine



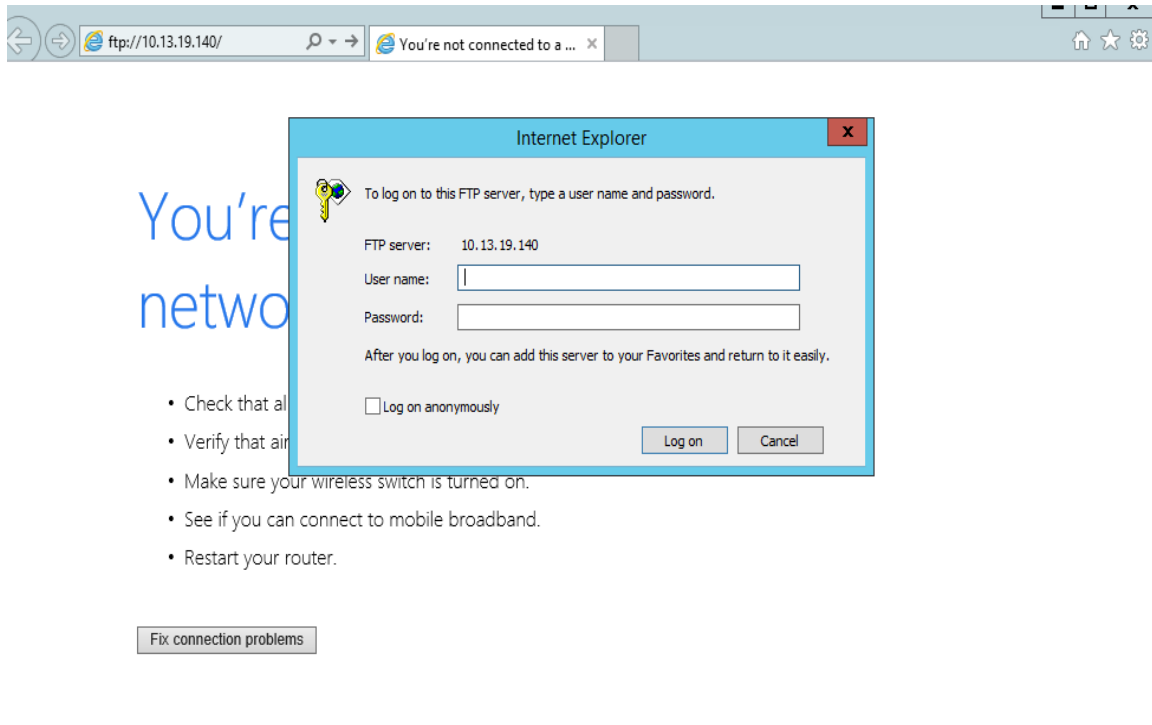
20. Add Jonas, Joris, Josephine to FTP Users group



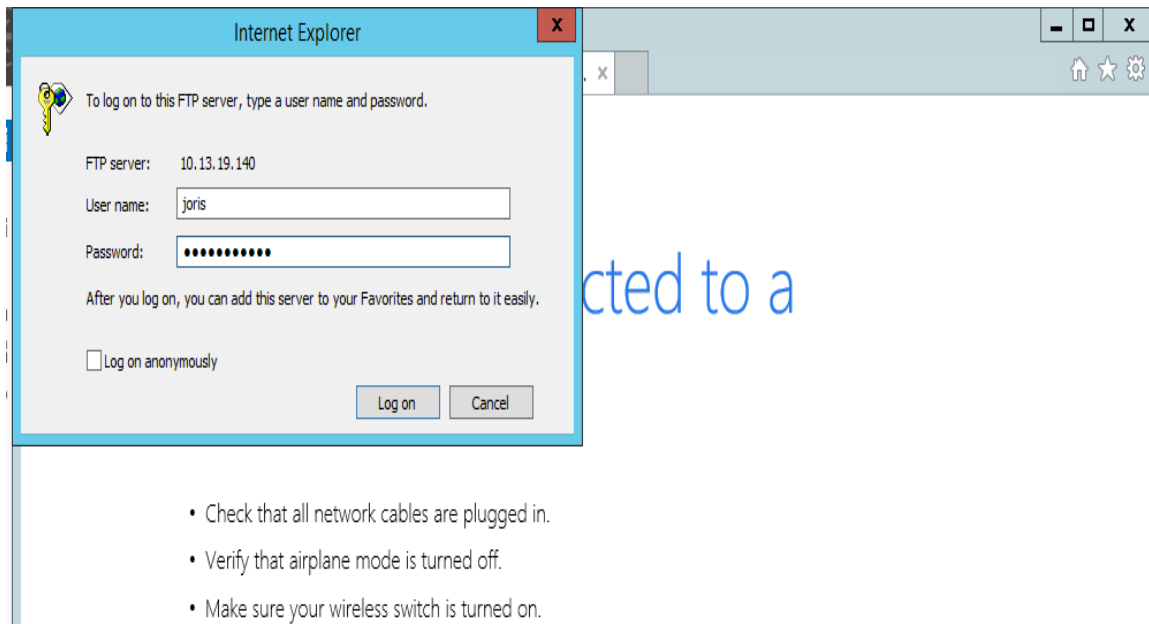
21. Tick Basic → select “specified roles or user groups” → FTP Users → finish



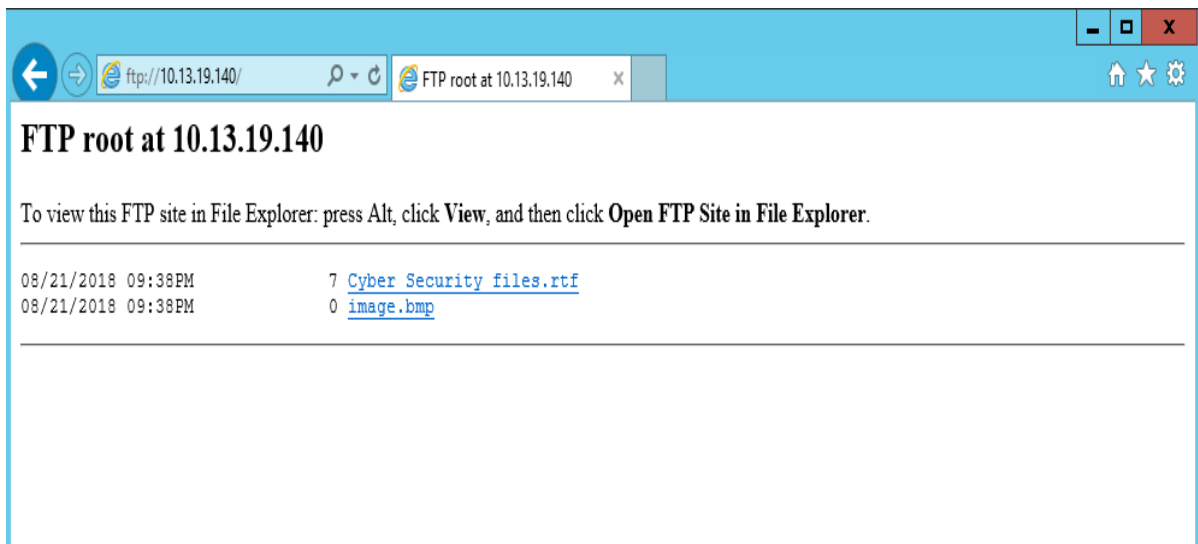
22. Test your FTP site on the browser ftp://10.13.19.140 (*your server IP*) → login with one of ftp users group “Joris”



23. login with Joris



24. If you configured your FTP site correctly, you will see the files you created earlier.



Challenges

1. *Create FTP Inbound rule for TCP port 21 on windows firewall, allow the connection and is should apply on Domain, Private and public profile.*
2. *Create (A) record under DNS forward lookup Zones so that FTP server can use fully qualified domain name (FQDN). When users are accessing FTP server they should type in ftp.aws.local instead of the IP address.*
3. *Test and verify.*

Enjoy!