**Creating and Secure FTP Server**
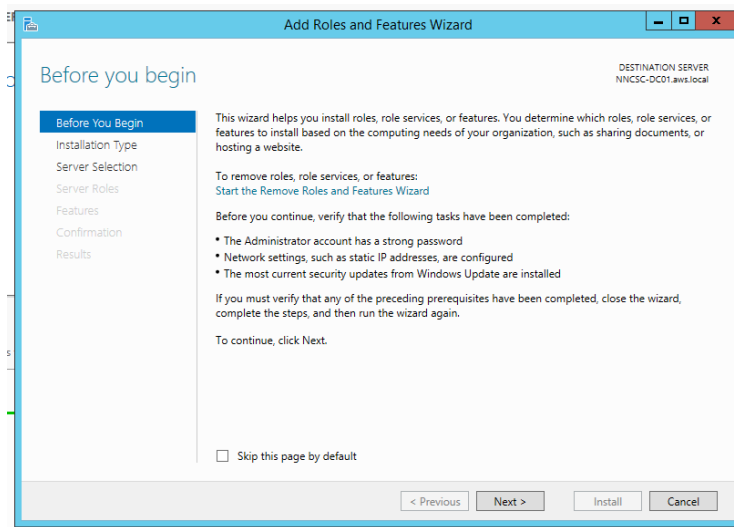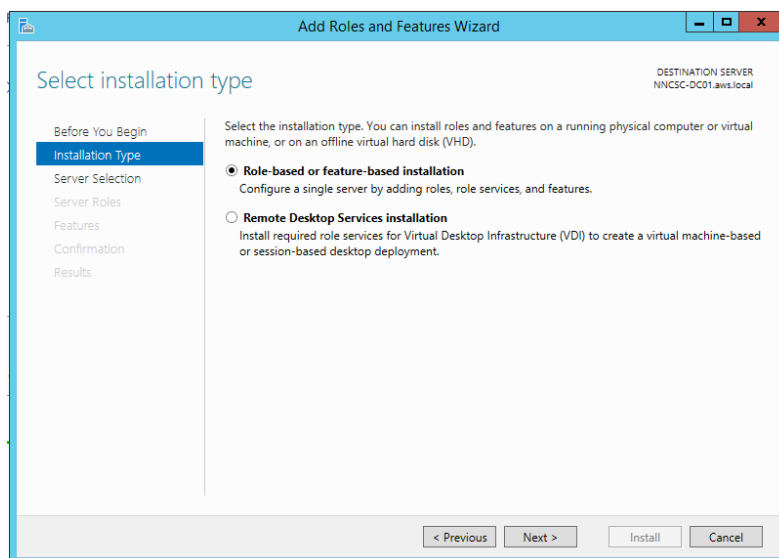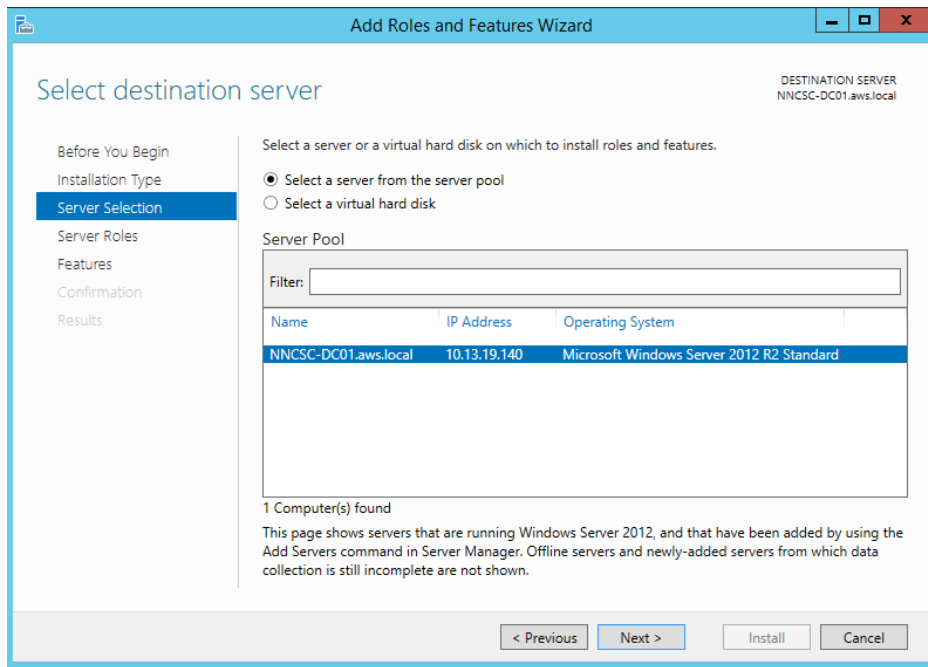
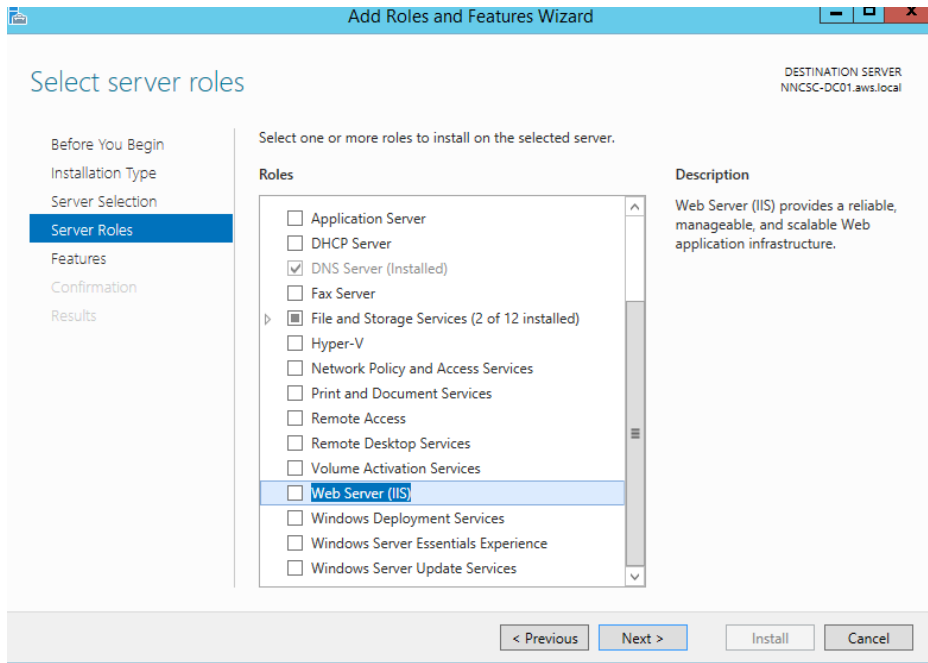1. Click Server Manager → add roles and features → Next



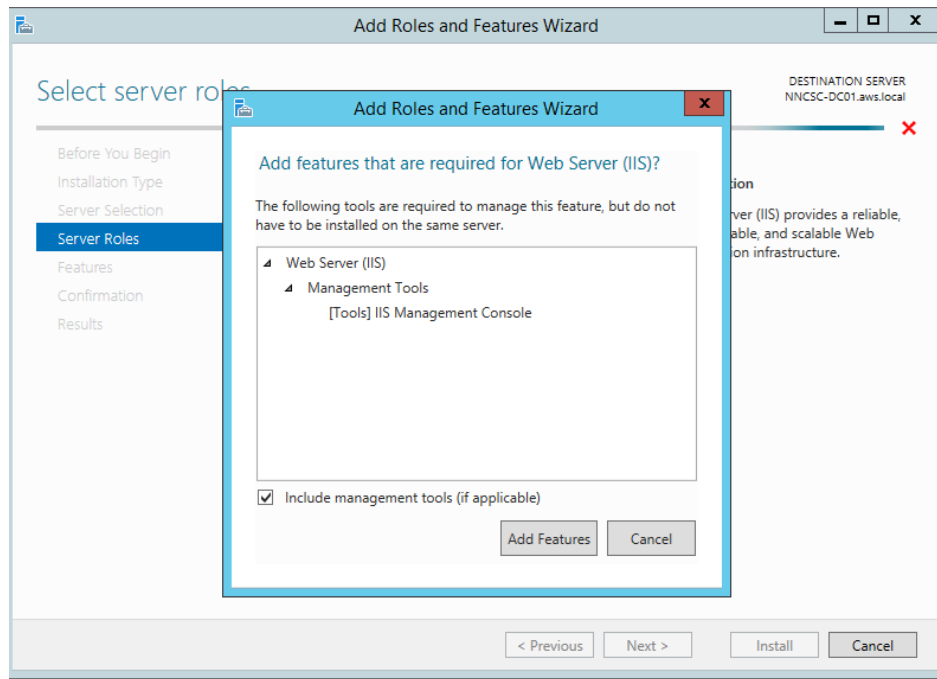2. Click Role-Based or features-based Installation → Next
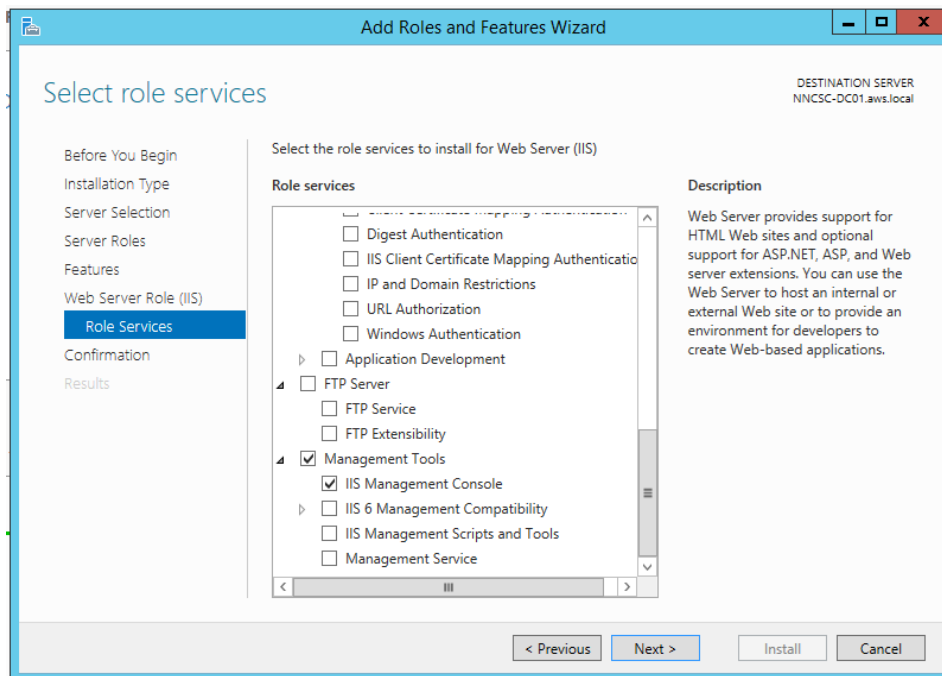
3. Select your server name → Next
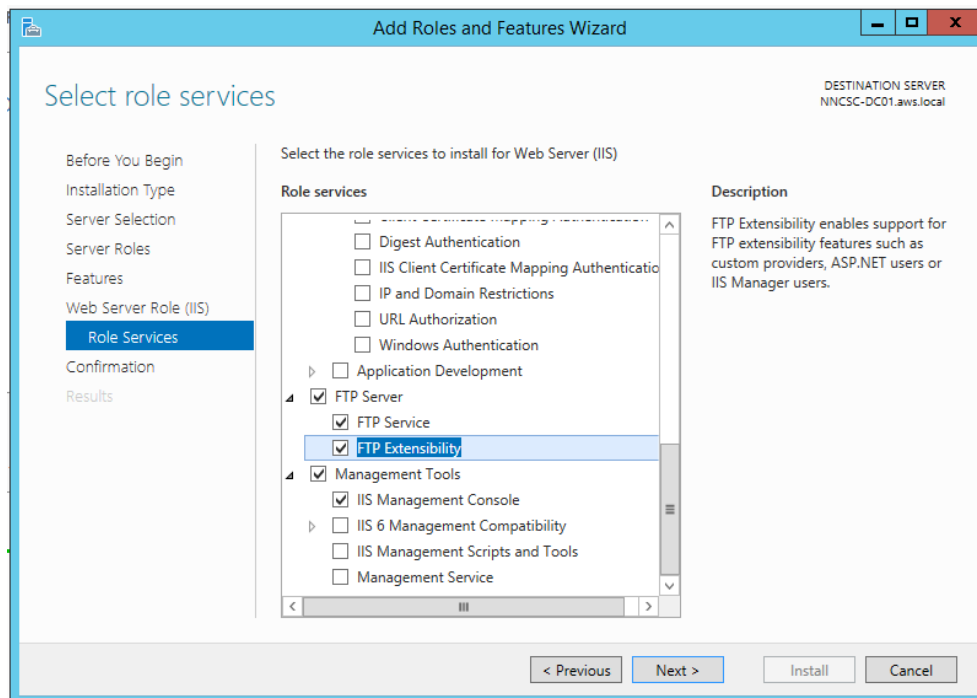


4. Tick Web server (IIS) → Next
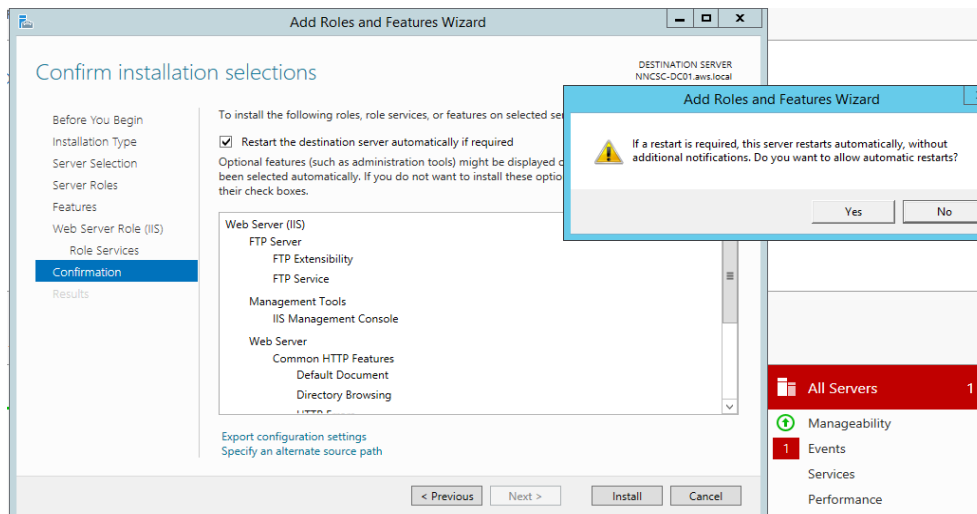
5. Click add Features → Next
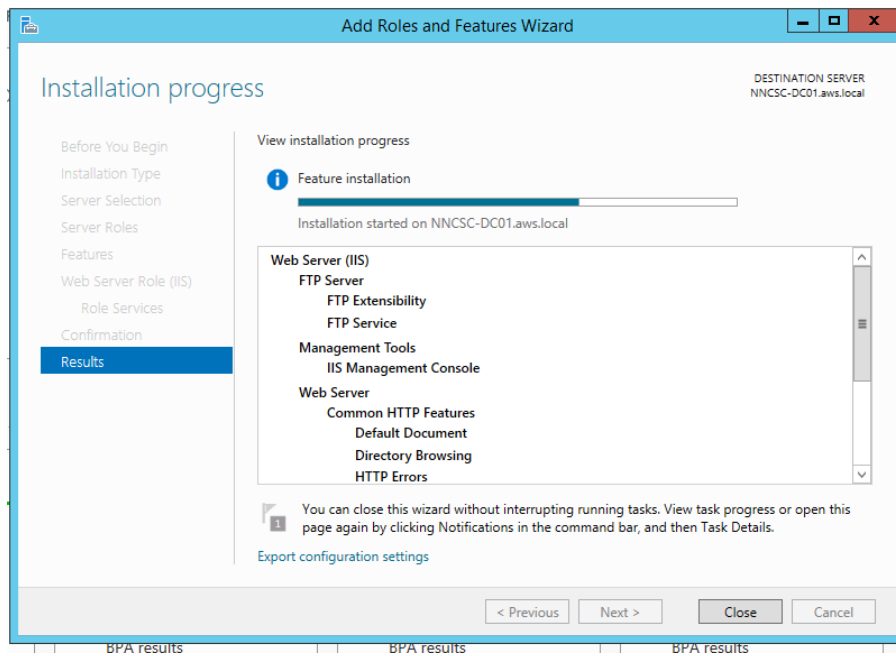


6. Scroll down until you see FTP Server

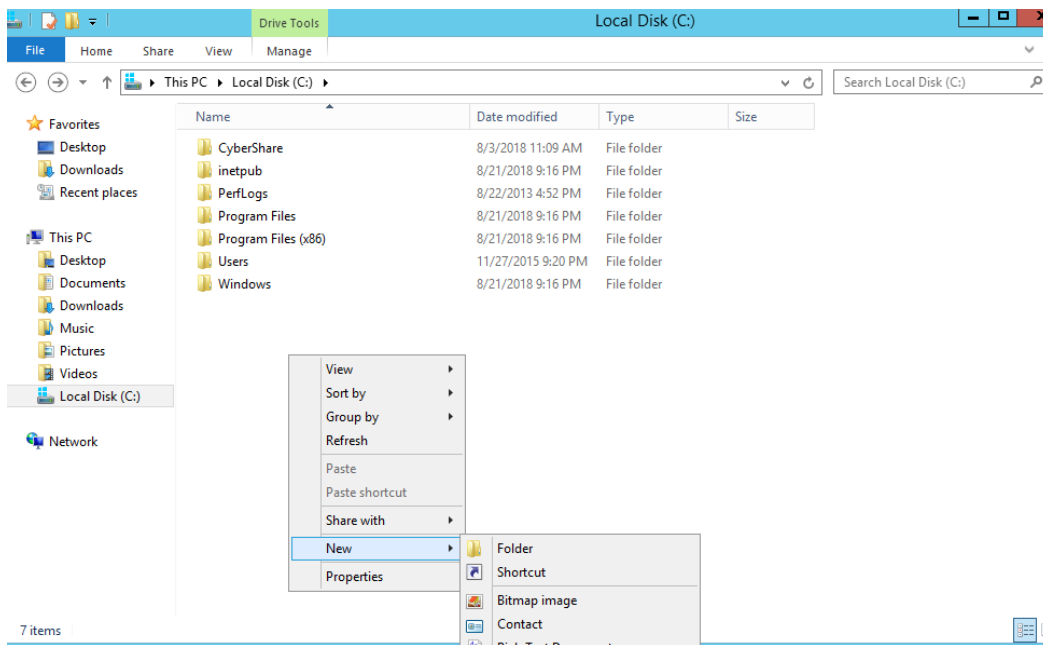7. Tick "FTP Server" "FTP Service" "FTP Extensibility" → Next
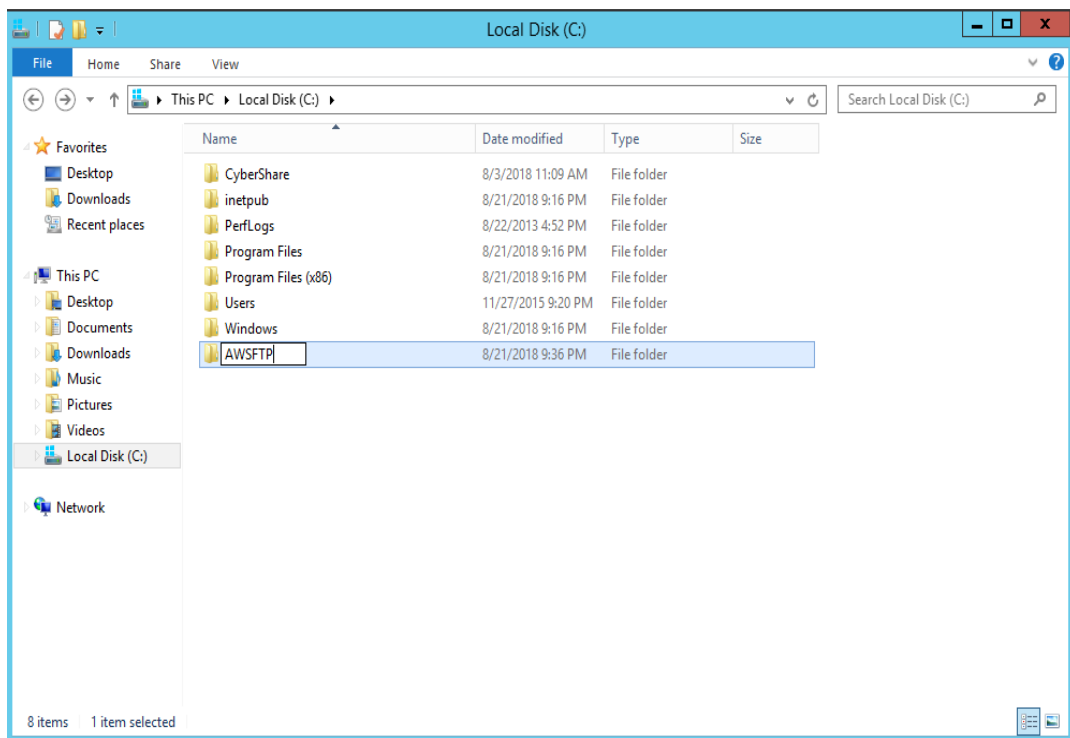


8. Tick restart option → Yes → next → install

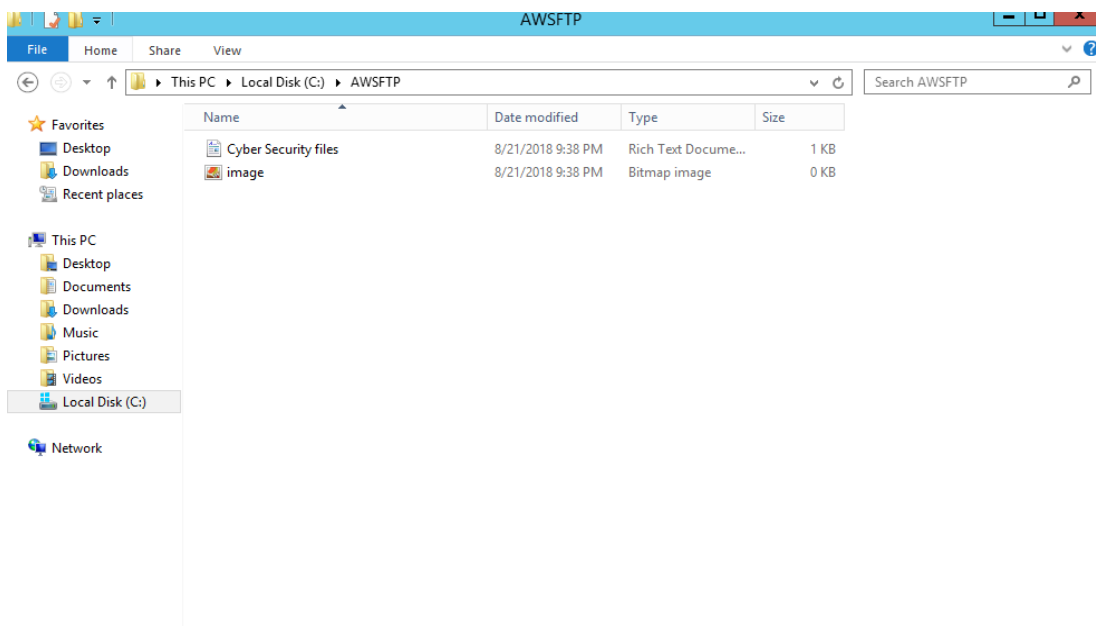9.  Installation in progress → close after installation done
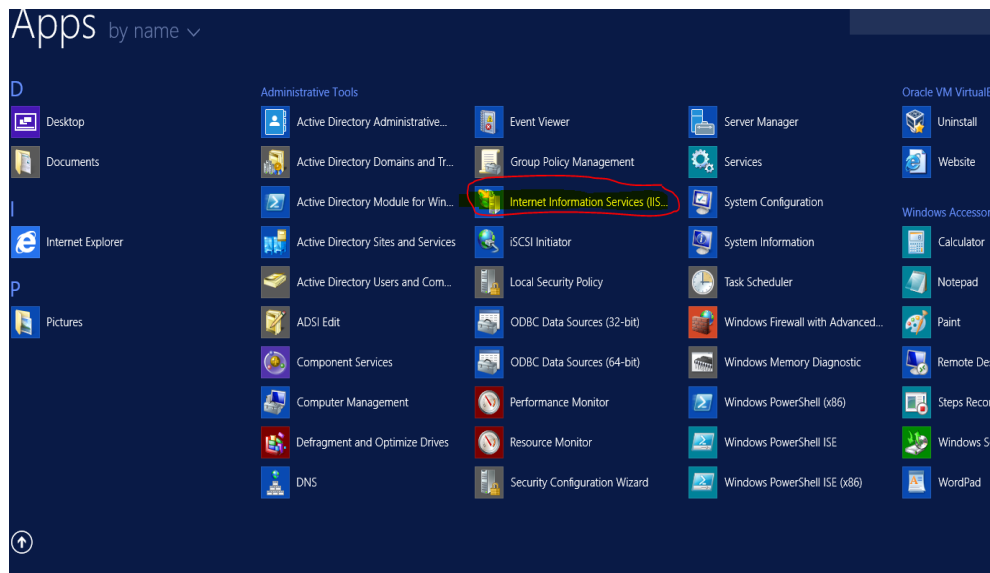


10. Create FTP folder under C:\ drive
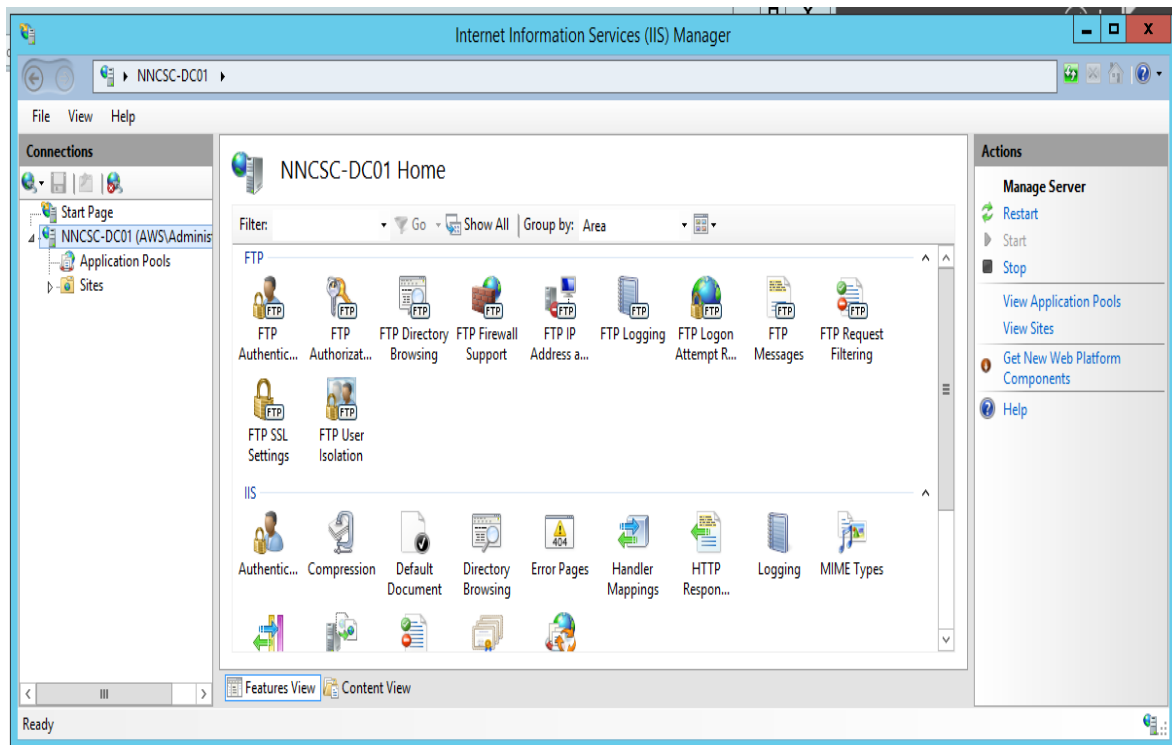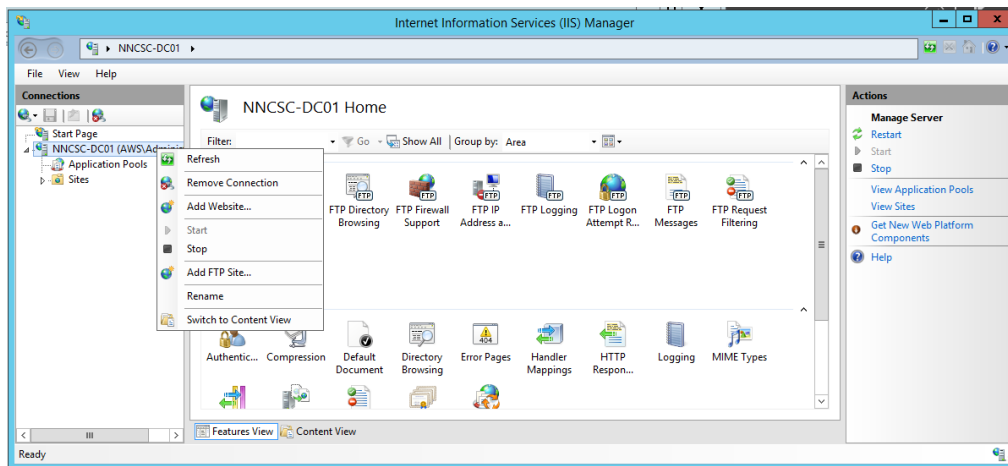
11. Name it "AWSFTP"



12. Create two files in AWSFTP
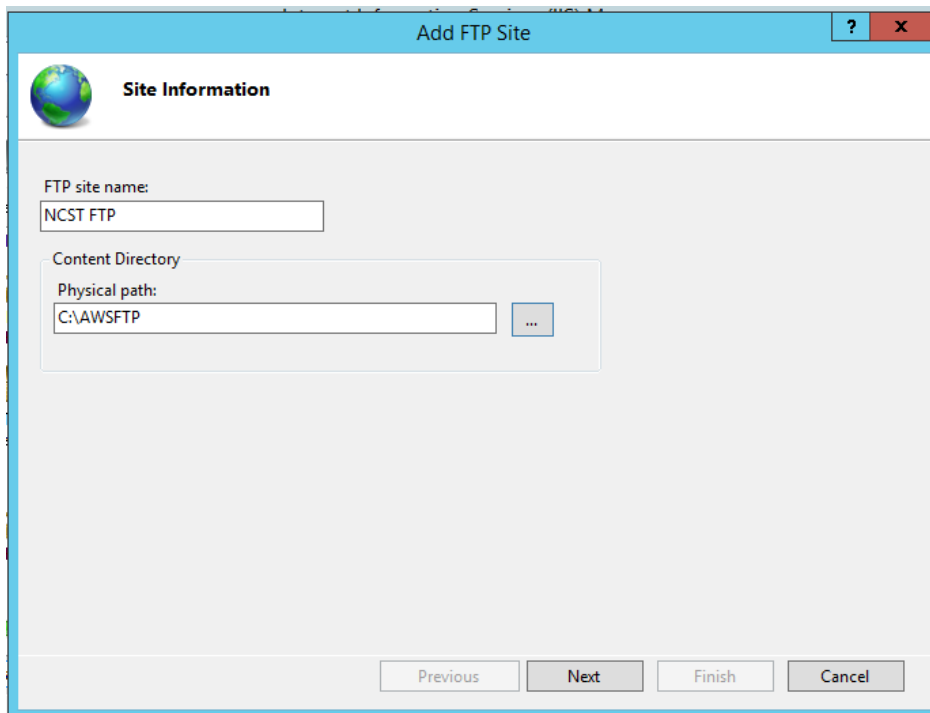
### 13. Locate IIS Manager



### 14. Expand NNSC-DC01

## 15. Add a new FTP Site



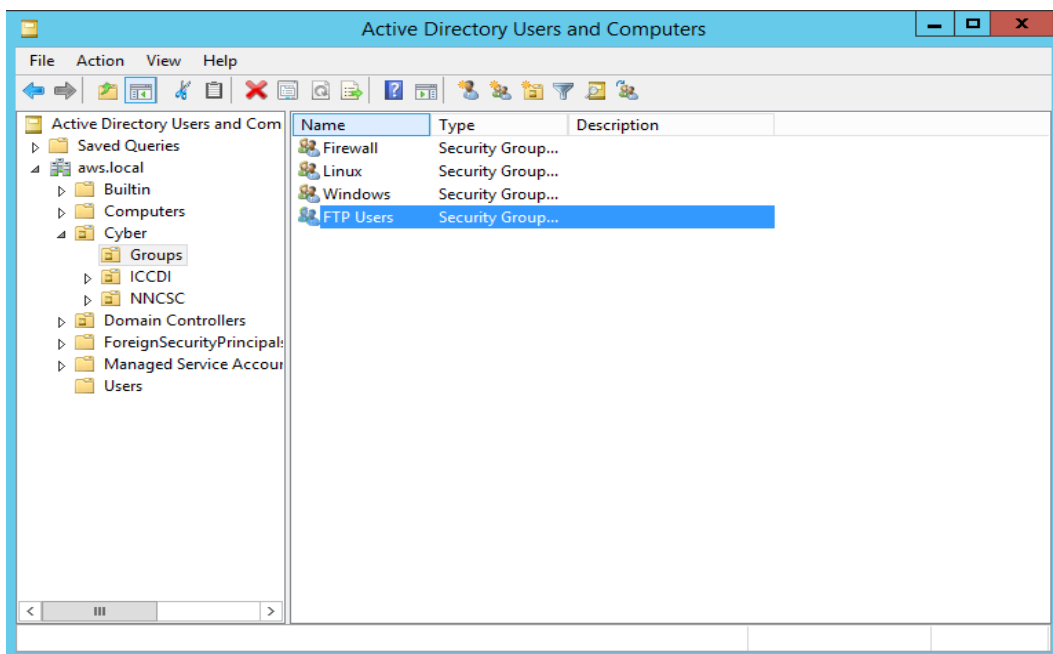## 16. FTP site NAME "NCST" and Physical path "C:\AWSFTP

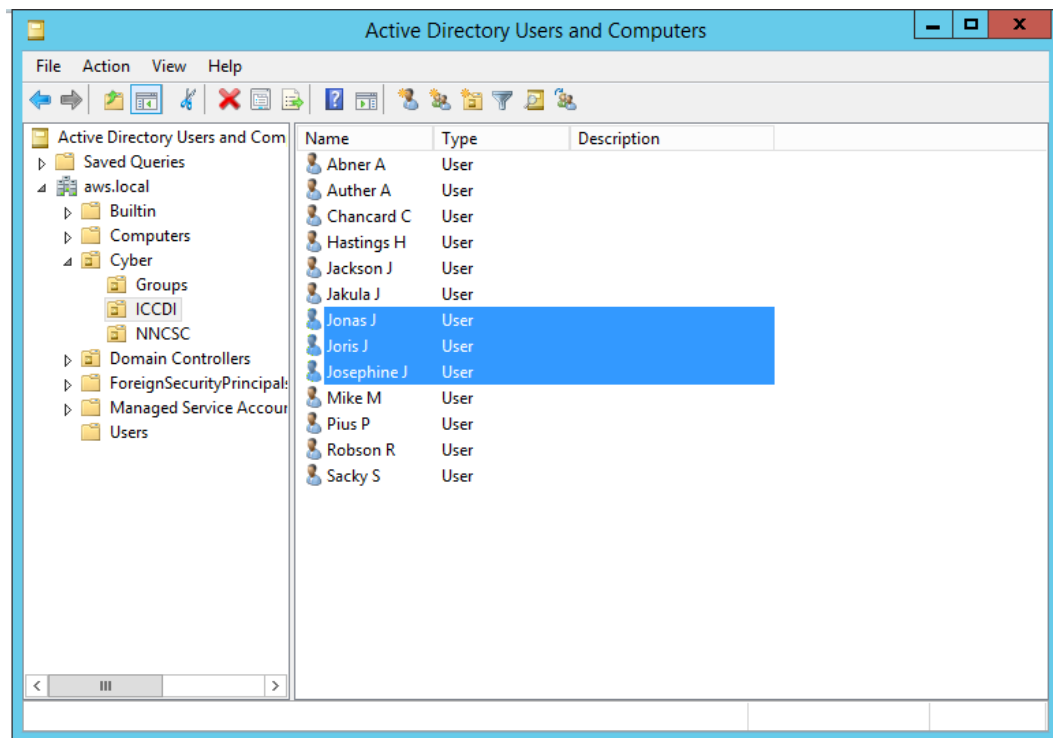17. Use your server IP address and port 21 → No SSL
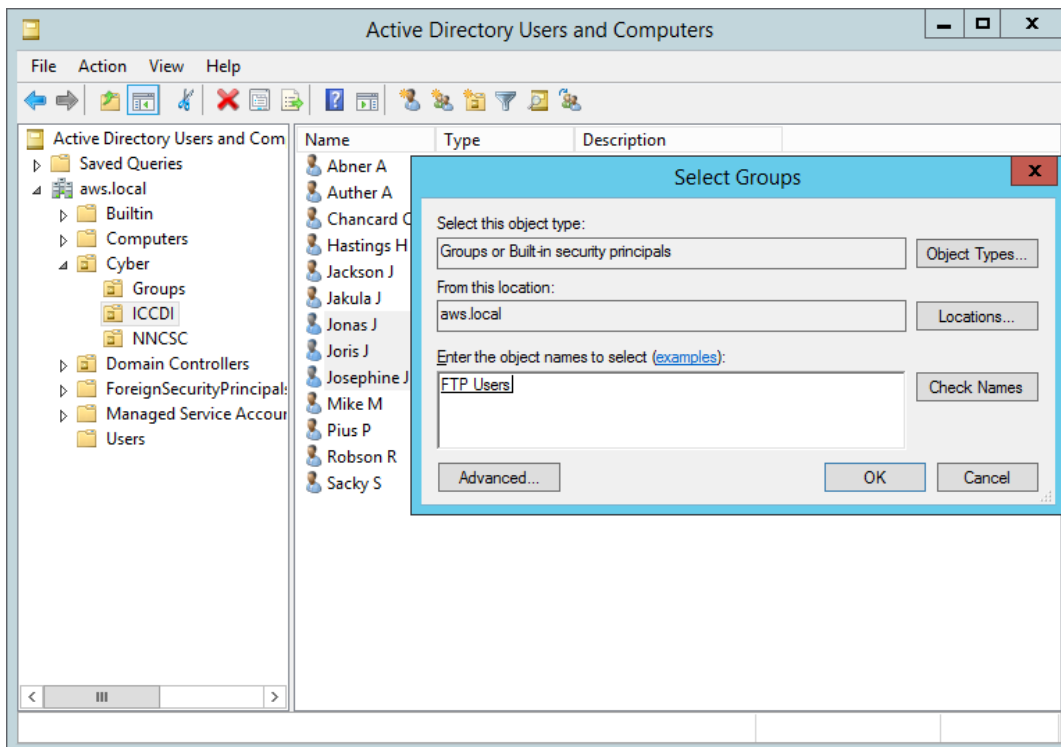


18. Create FTP Users group under Cyber → Groups

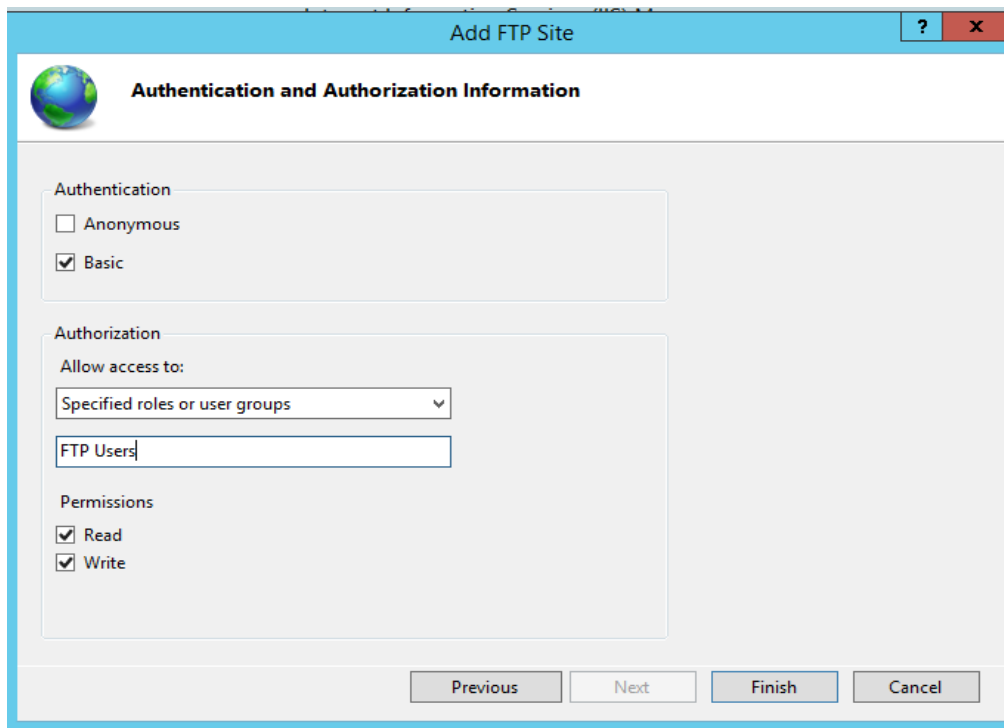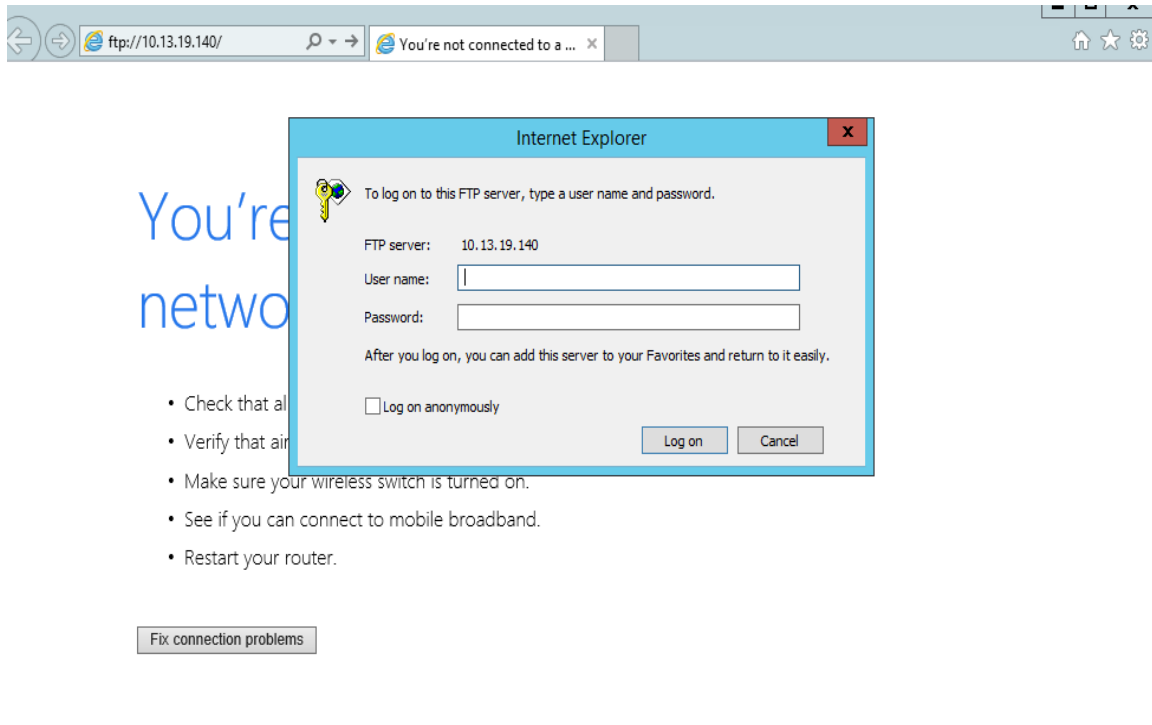19. Select Jonas Joris, Josephine



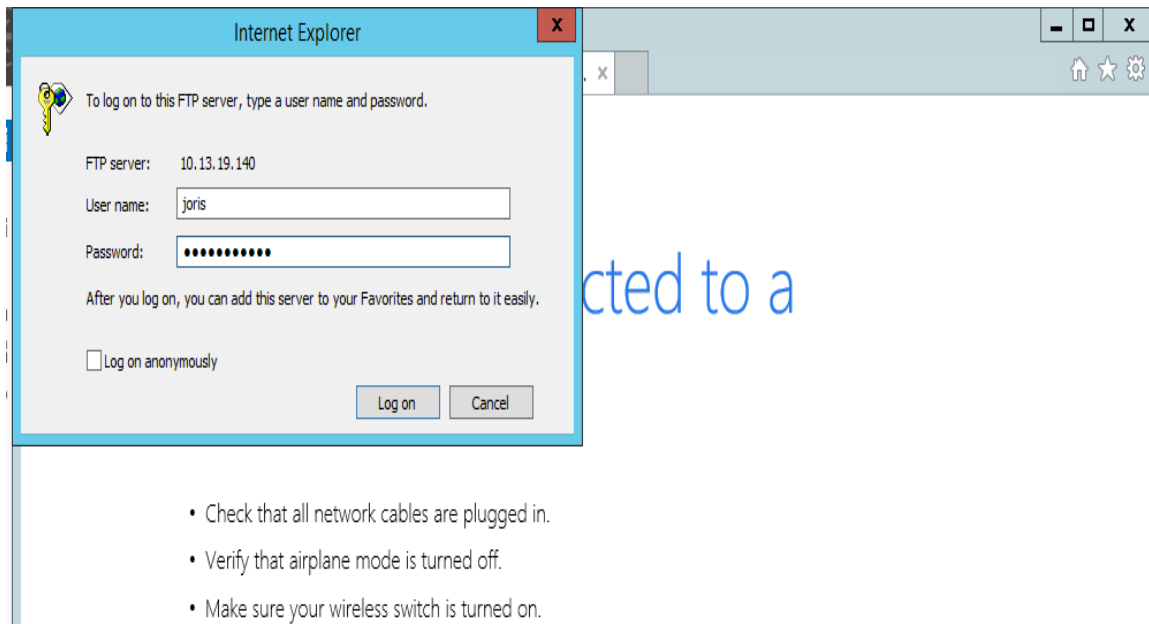20. Add Jonas, Joris, Josephine to FTP Users group

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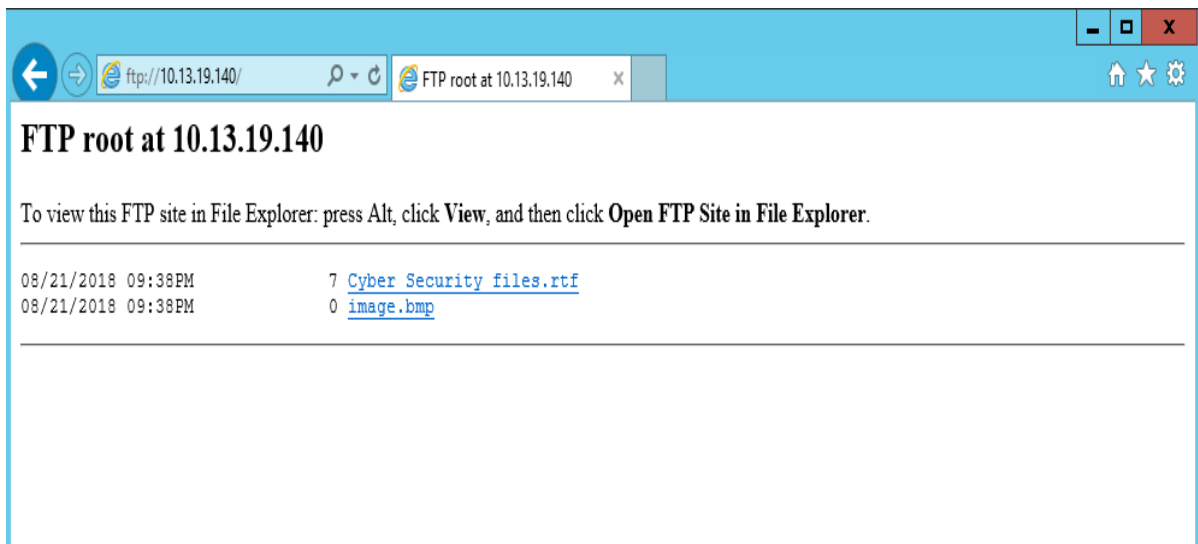


22. Test your FTP site on the browser ftp://10.13.19.140 *(your server IP)* → login with one of ftp users group "Joris"

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!*