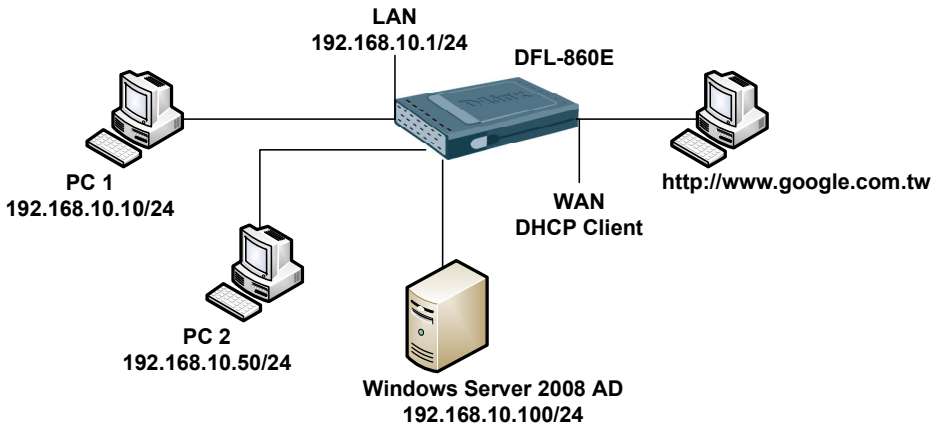
How to design WCF web authentication HTML banner




AD Server Information as below:

Domain name: test.com

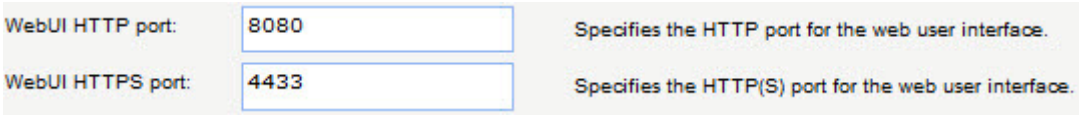
Test Group: IT

Test account: test

[DFL-860E] Firmware Version: 2.27.03.25

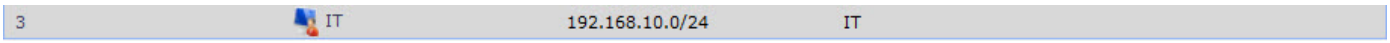
1. System > Remote Management

   Change remote HTTP and HTTPS port.



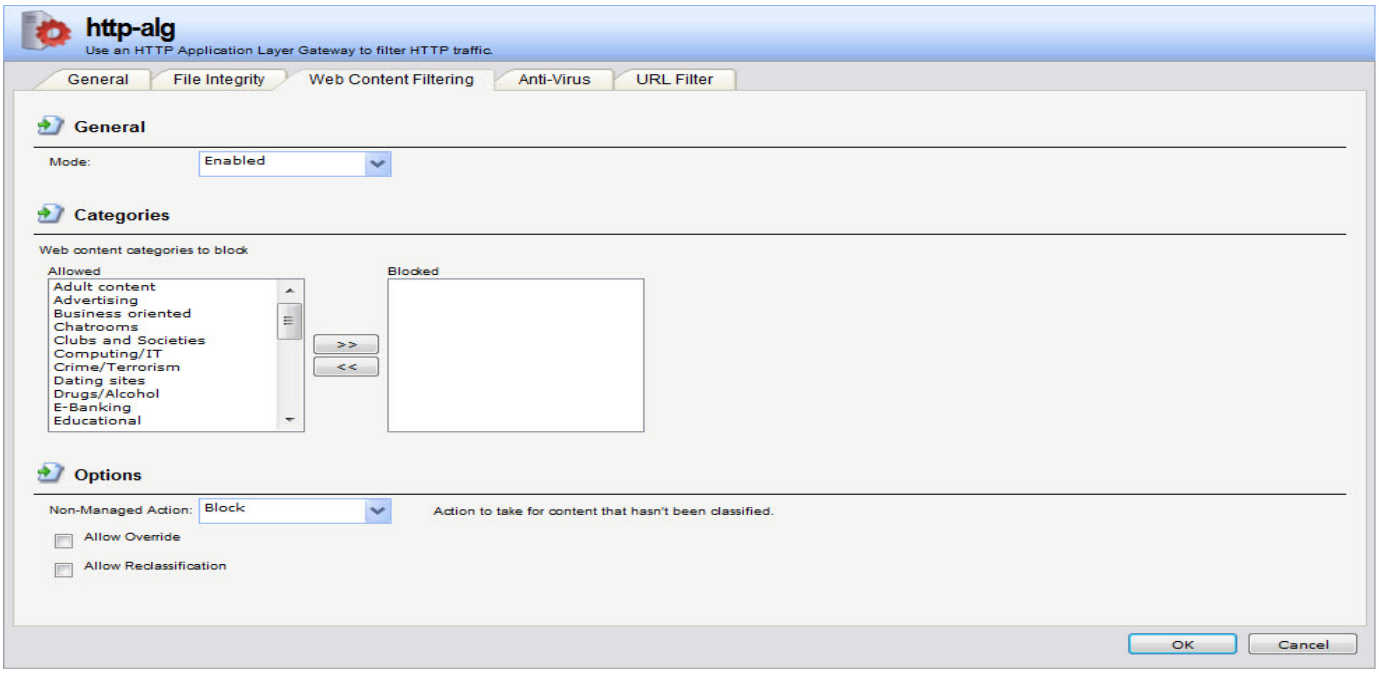

2. Objects > Address Book

   Create a new object for authentication LAN net.




3. Objects > ALG

   Create a new ALG for our HTTP service.

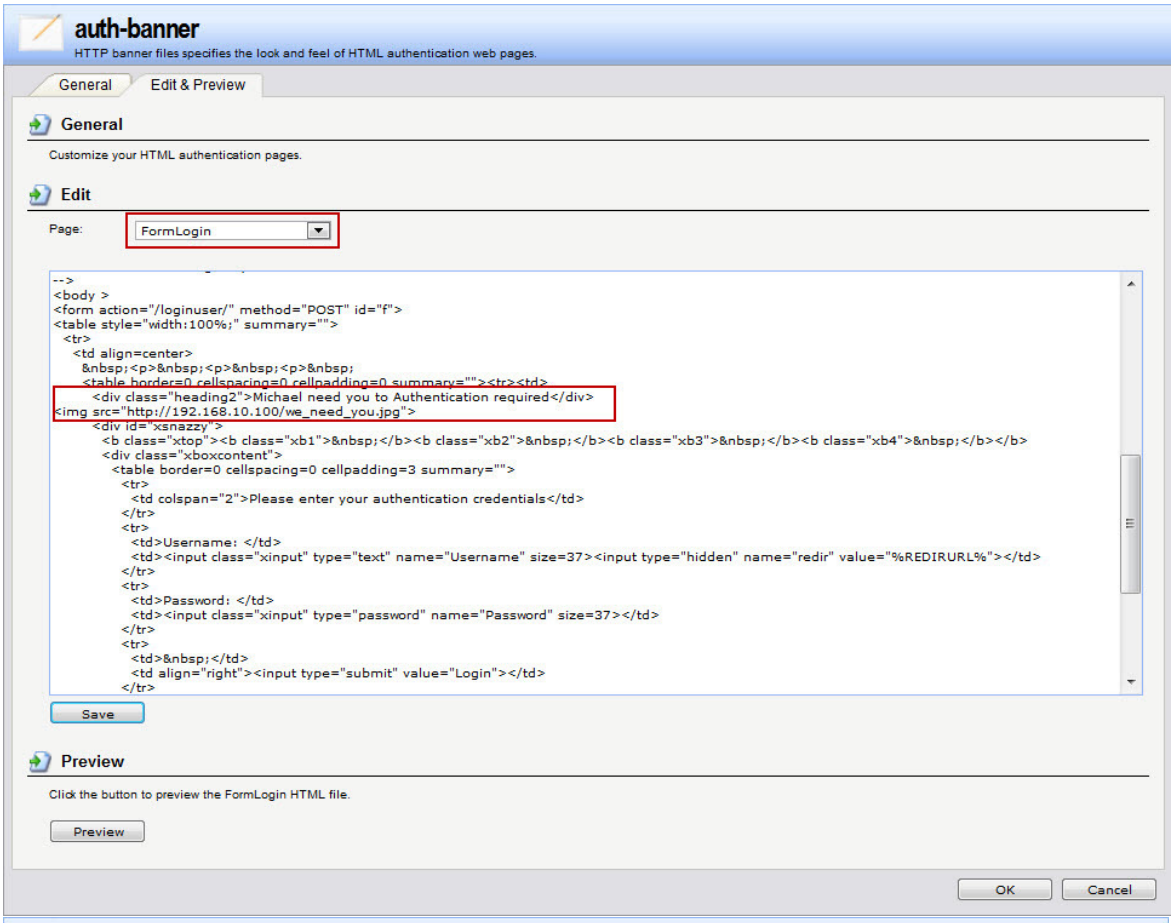



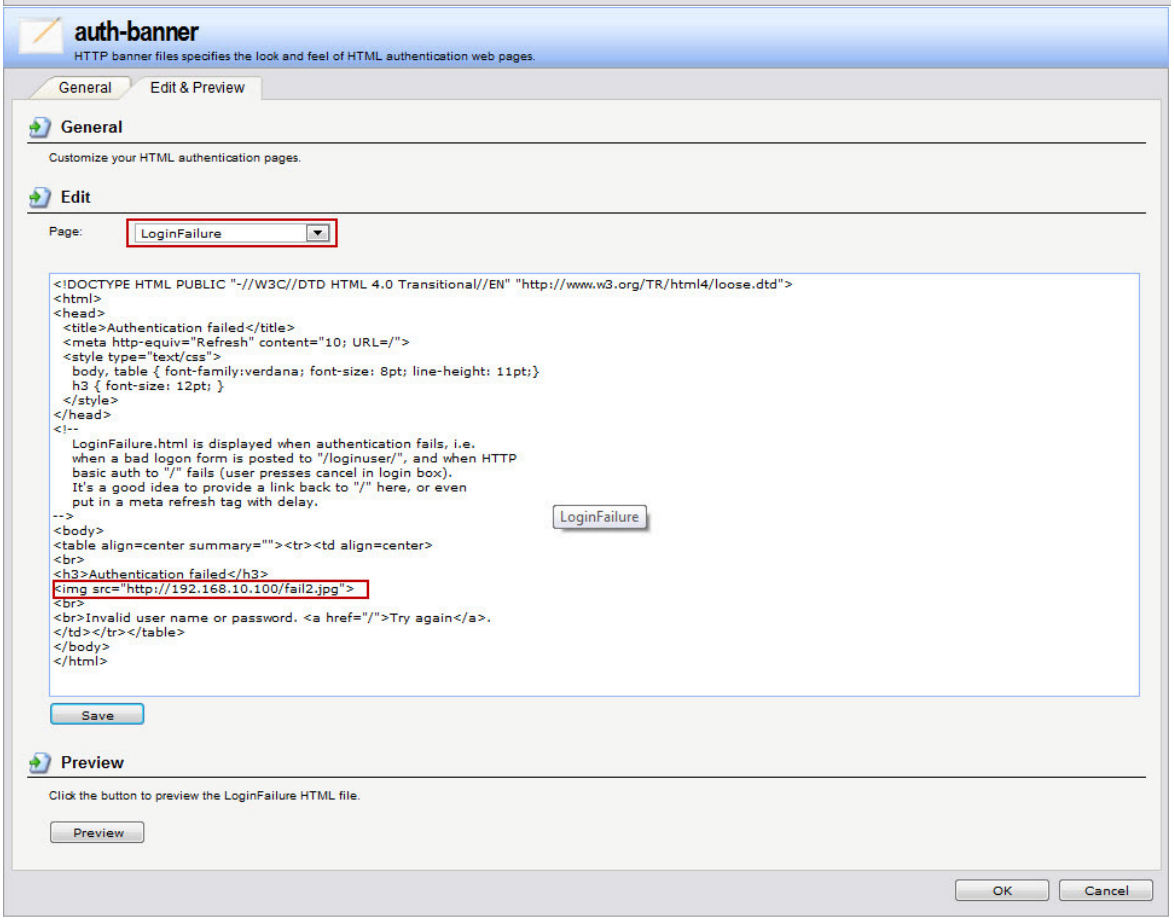
4. Objects > Services

   Set up service object “http-all” and select our HTTP ALG.

| # | Name | Type | Parameters | ALG Info | Comments |
|---|---|---|---|---|---|
| 1 | http-all | TCP | 80,443 | http-alg - WCF:Enabled | HTTP and HTTPS |

5. Objects > HTTP Banner Files > Add > Auth Banner Files



If you want to add picture file in authentication web page.

The picture file must to put in to the internel Web server.

Because our user must to authentication first then will see the internet page.

If your picture file is link to the internet it will not see anything picture when user start the broswer.

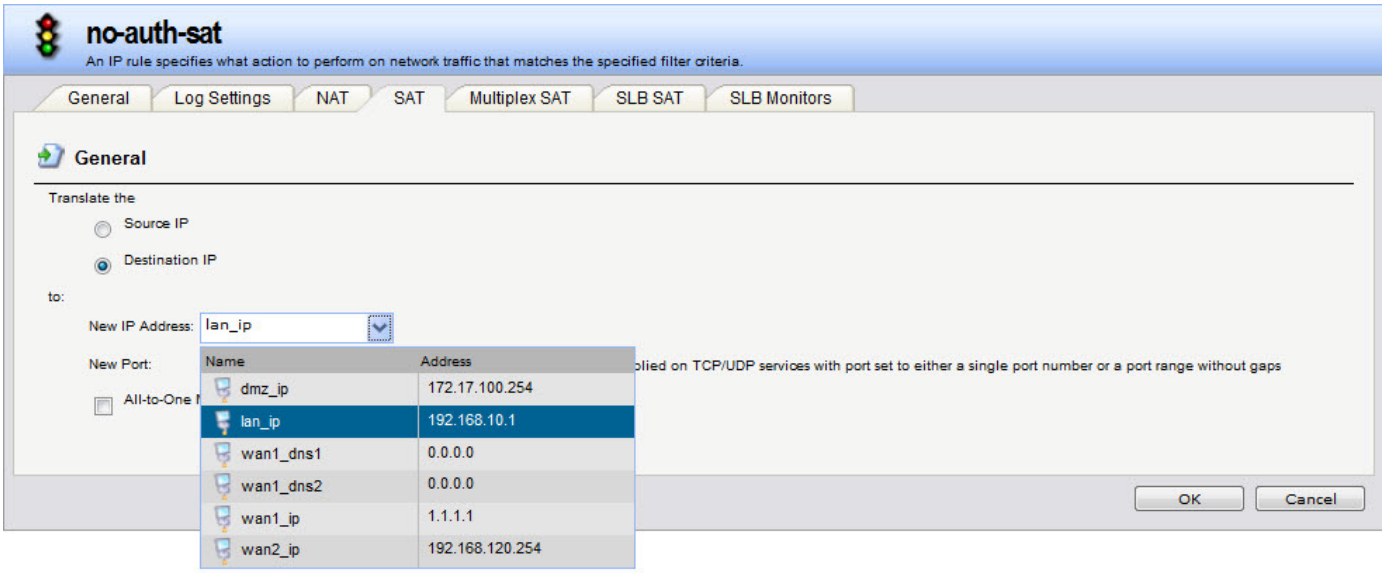
You can see in our KM this picture is put in to the Windows Server 2008 IIS Server.

6. Rules > IP Rules

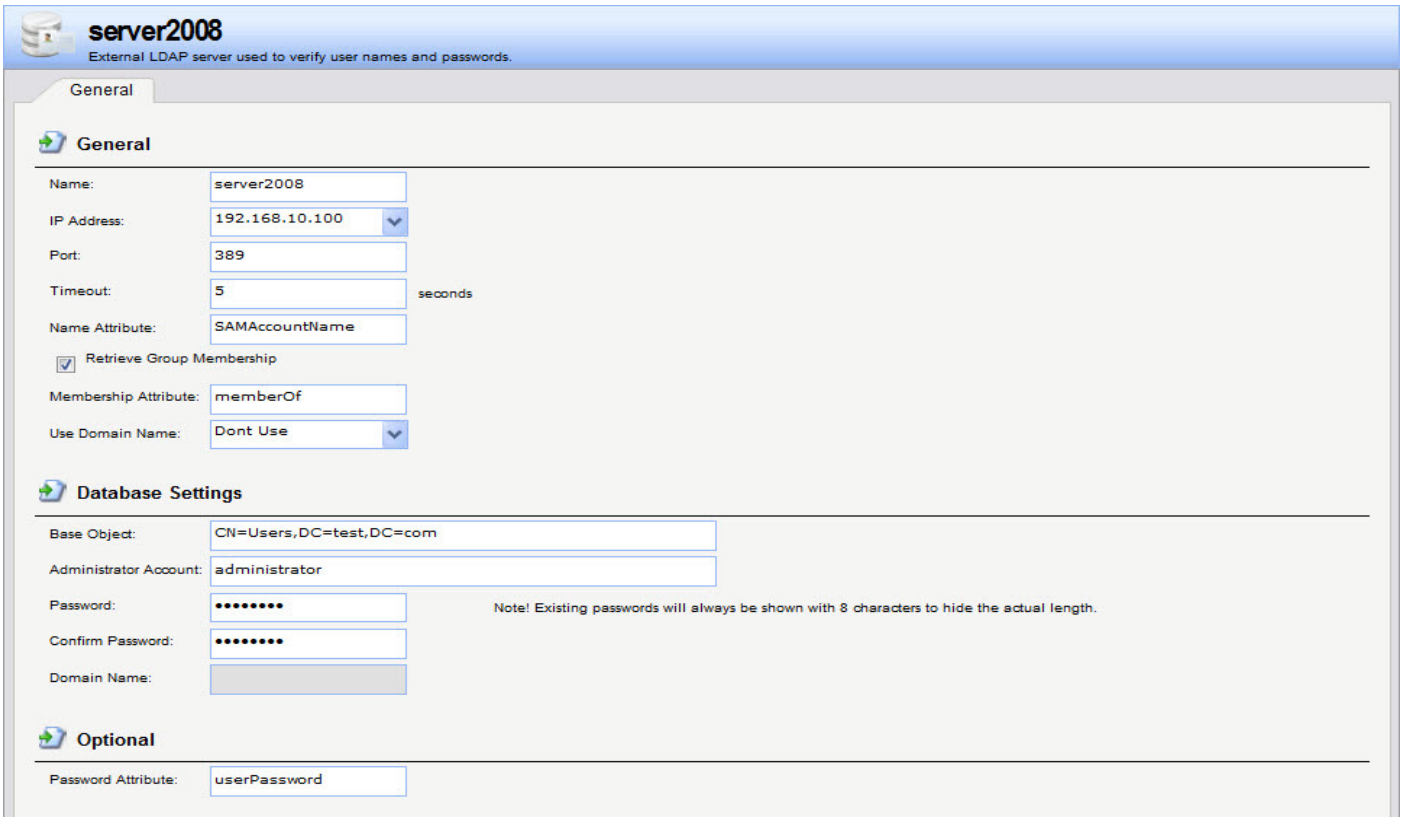
   Create a special rule for WEB authentication

| # | Name | Action | Source interface | Source network | Destination interface | Destination network | Service |
|---|---|---|---|---|---|---|---|
| 1 | dns | NAT | lan | lannet | wan1 | all-nets | dns-all |
| 2 | auth-allow | NAT | lan | IT | wan1 | all-nets | http-all |
| 3 | no-auth-sat | SAT | lan | lannet | wan1 | all-nets | all_services |
| 4 | no-auth-sat-allow | Allow | lan | lannet | wan1 | all-nets | all_services |

Index 1 & 3 is a necessary rule for WEB authentication and index 2 rule priorities must high than SAT rule.




7. User Authentication > External User Databases

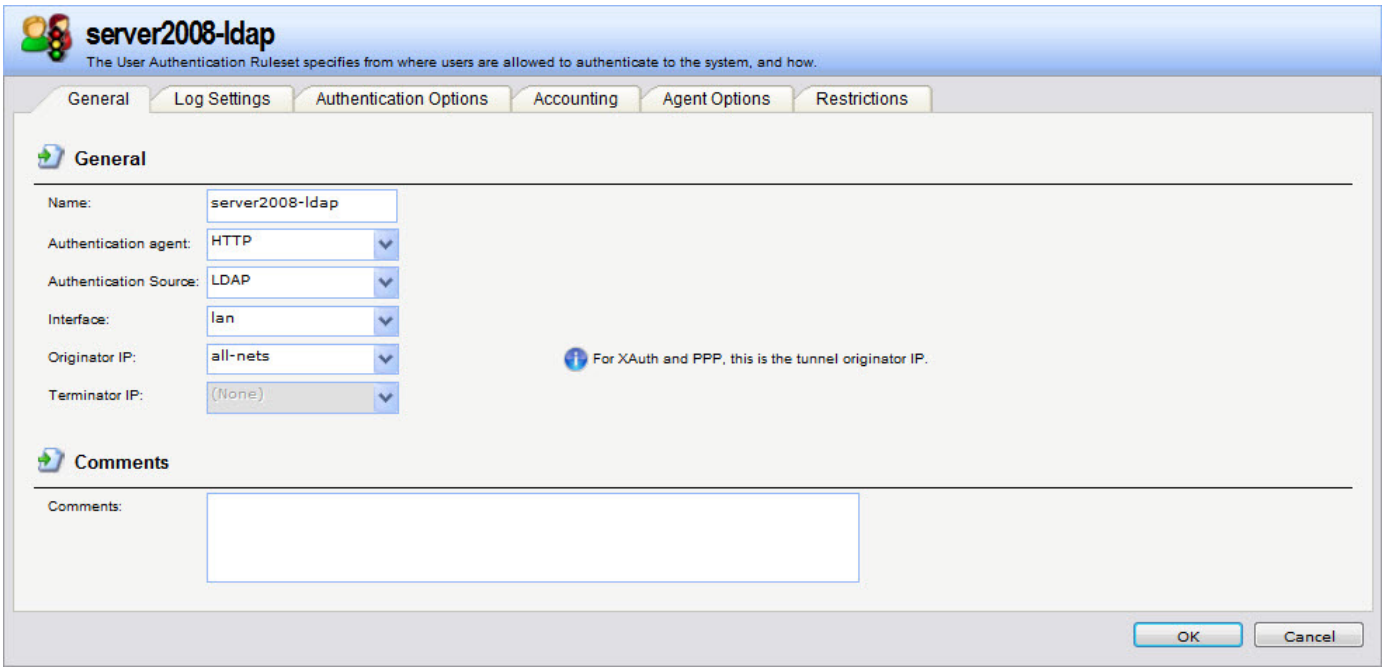


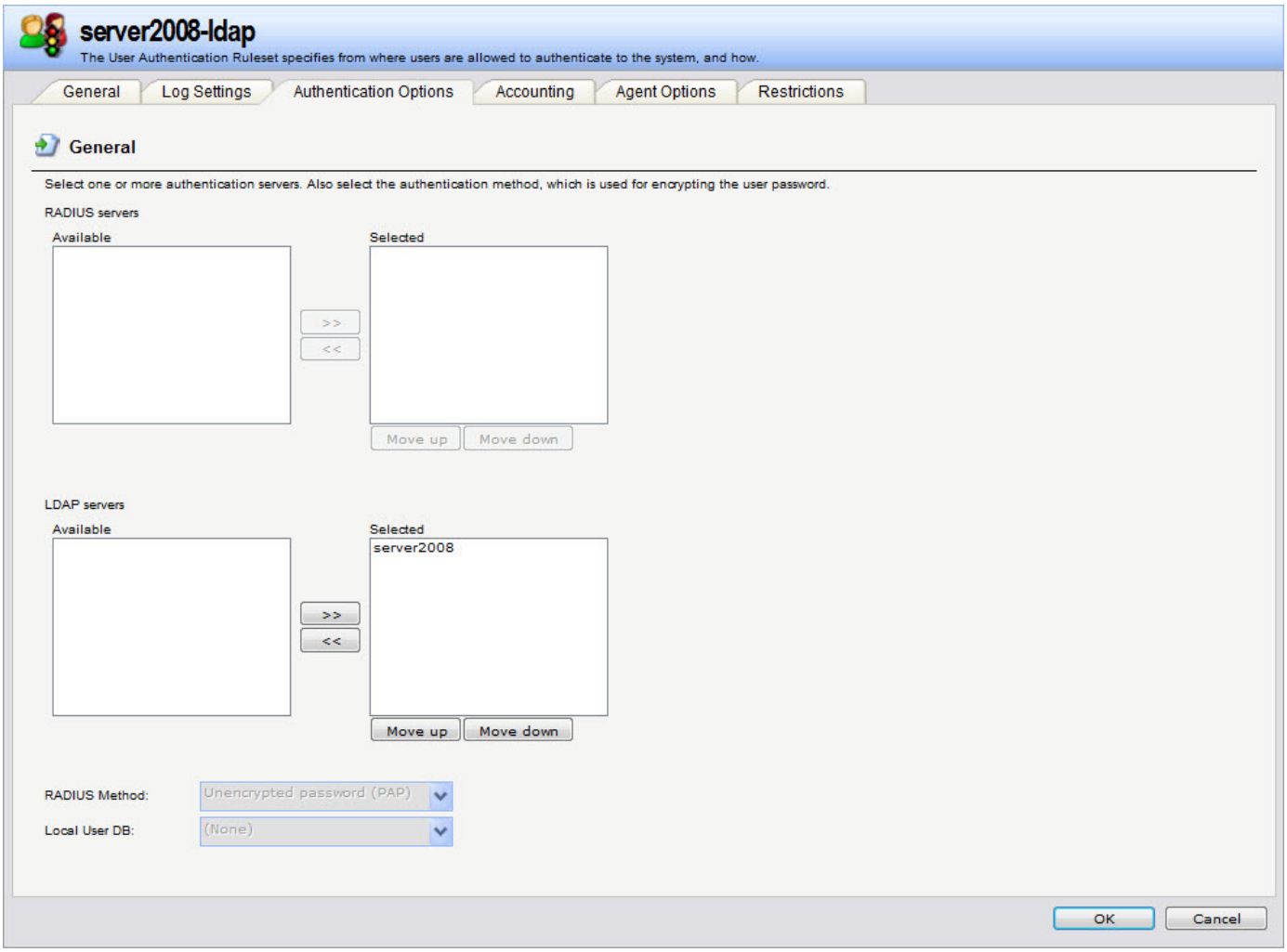
※ “Administrator Account” and “Password”: It must be applied by the user who has Domain controller priviledge.

※ “Password Attribute”: It is very important it must setup same as your description of AD group.

You can follow this KM [Server 2008 Setup] step.1 and step.2

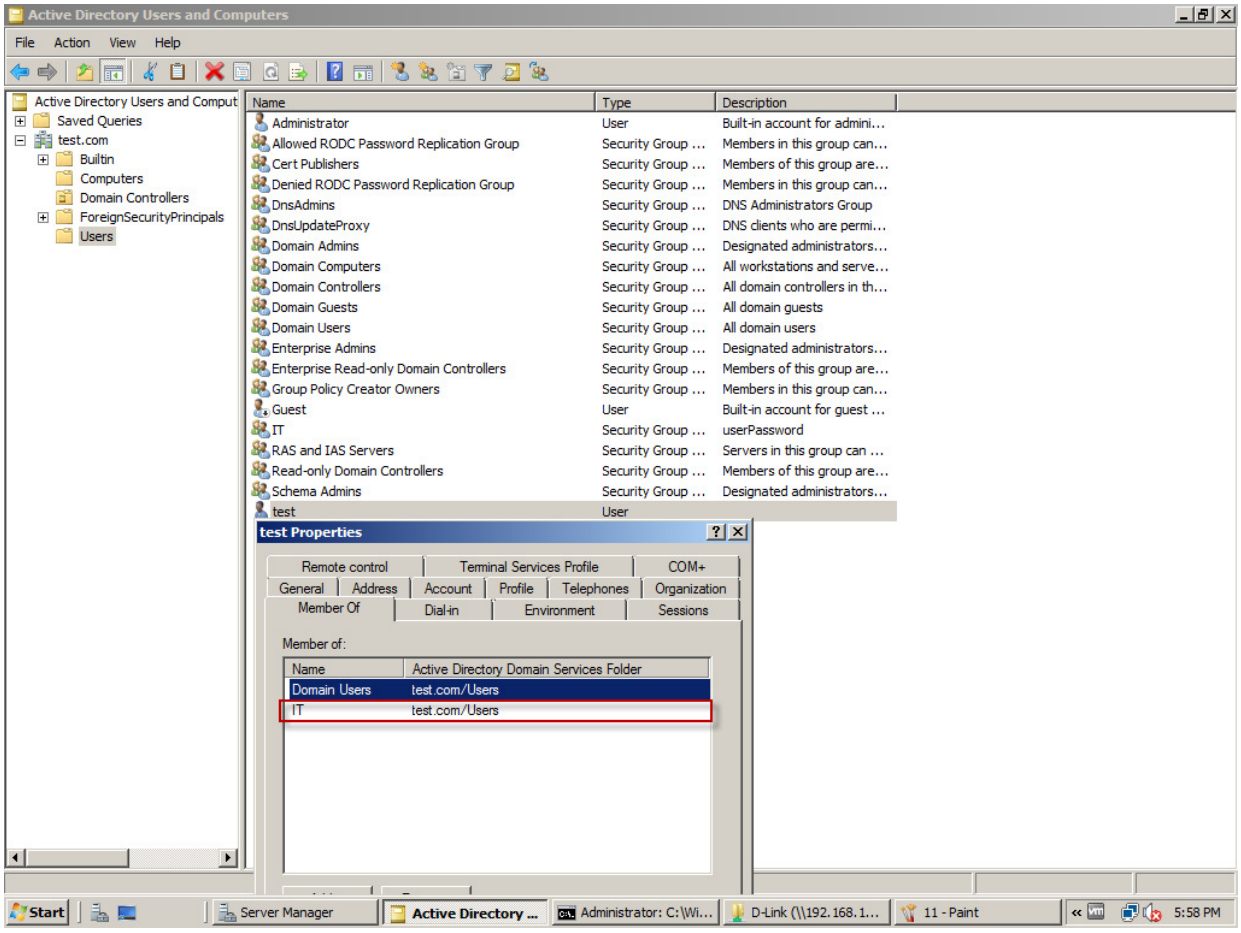
8. User Authentication > User Authentication Rules



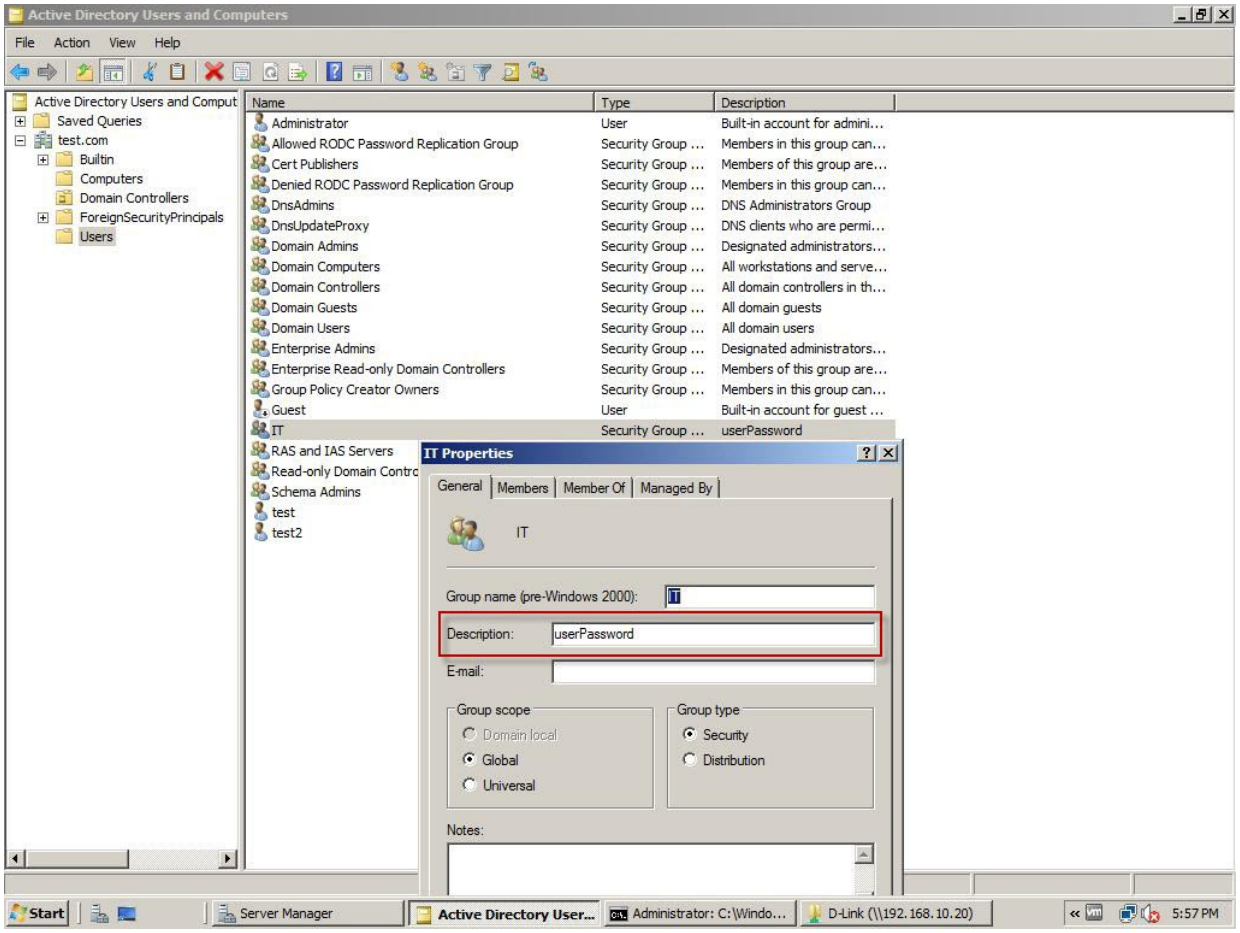



[Server 2008 Setup]

Step.1



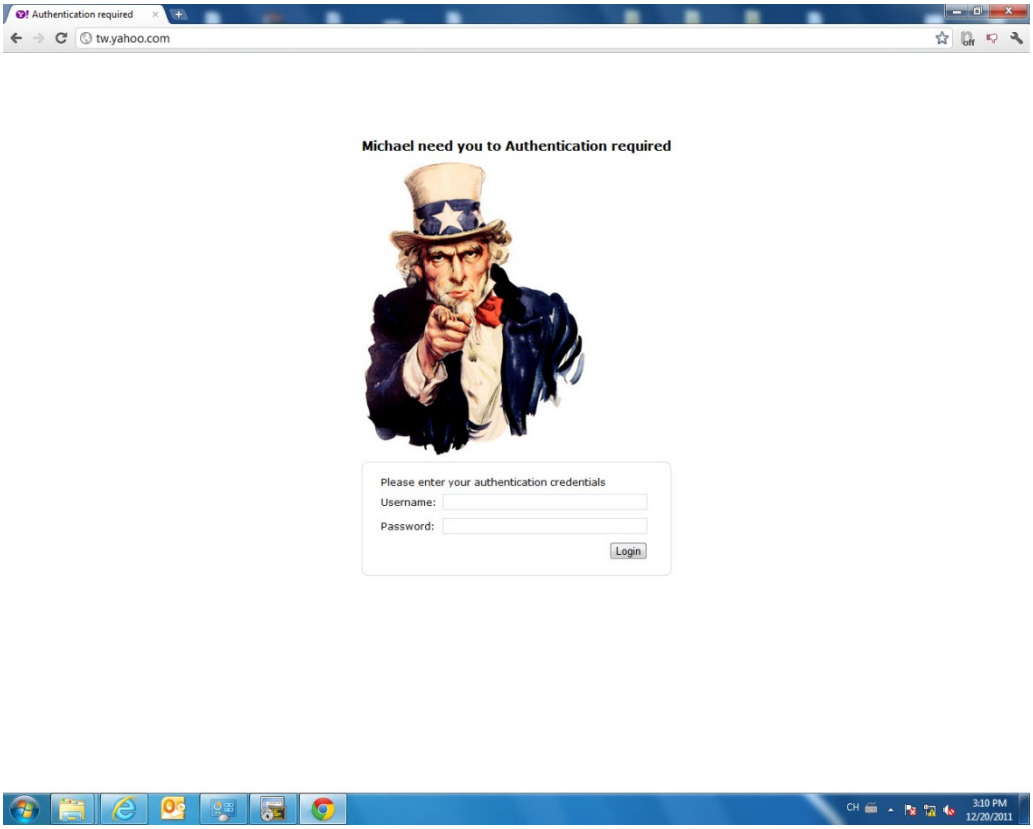

Step.2



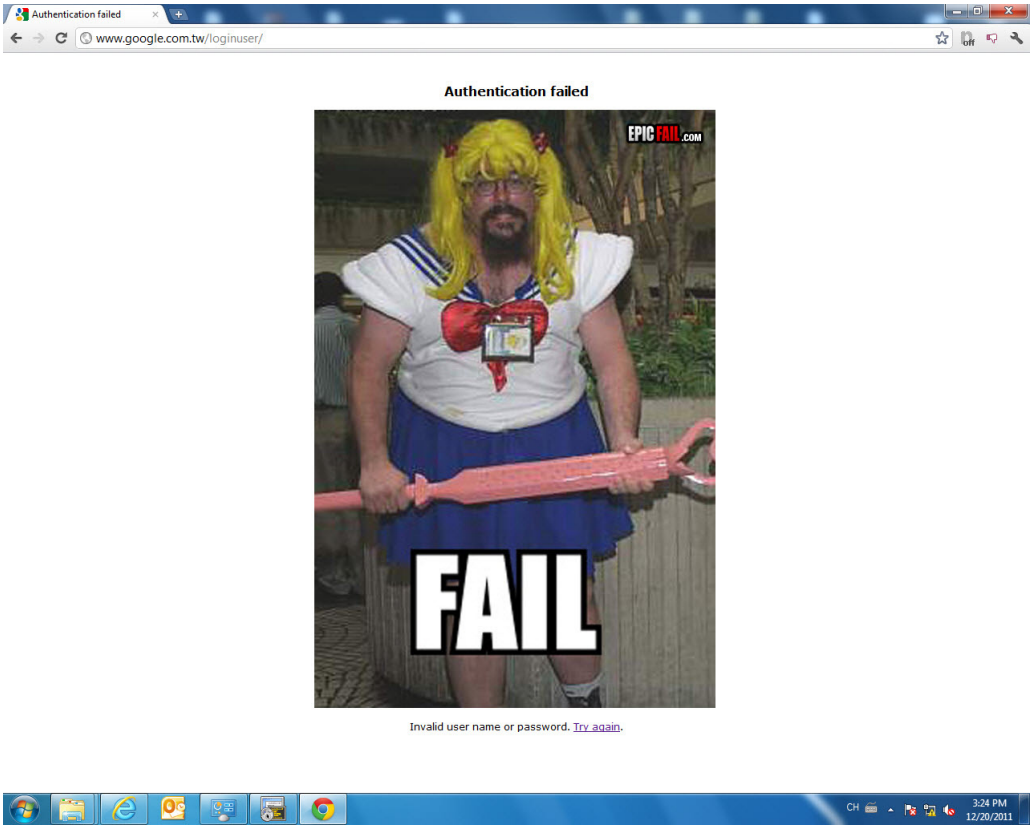
※ Group description must set up as same as External User Databases Password Attribute.
You can check this KM Step.7 “User Authentication > External User Databases > Password Attribute”

[Test]

1. PC type any domain at the browser it will see this picture.




2. If user authentication fail it will got this picture.

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