

**Bhosale, Ashok (GE Digital)**

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**From:** Bhosale, Ashok (GE Digital)  
**Sent:** Tuesday, November 13, 2018 3:20 PM  
**To:** Ashok Bhosale (GE Digital) (Ashok.Bhosale@ge.com)  
**Subject:** RE: Here is fix For Reference document !!!

If you try to access it from outside it will ask authentication but if you want to access it without prompt do following

Anonymous Authentication should be Application Pool Identity

BLRQAVMV416 ► Sites ► Default Web Site ► sharedrive ►

File View Help

**Connections**

- Start Page
- BLRQAVMV416 (MAYBERRY)
- Application Pools
- Sites
  - Default Web Site
    - aspnet\_client
    - DetailReportService
    - Meridium
      - api
      - app
      - distribution
      - GE
      - help
      - i18n
      - images
      - lib
      - search
      - ssrs
      - styles
      - sharedrive

### Authentication

Group by: No Grouping ▼

Name	Status	Response Type
Anonymous Authentication	Enabled	
ASP.NET Impersonation	Disabled	
Basic Authentication	Disabled	HTTP 401 Challenge
Digest Authentication	Disabled	HTTP 401 Challenge
Forms Authentication	Disabled	HTTP 302 Login/Redirect
Windows Authentication	Enabled	HTTP 401 Challenge

#### Edit Anonymous Authentication Credentials

Anonymous user identity:

☐ Specific user:

☒ Application pool identity

**From:** Bhosale, Ashok (GE Digital)

**Sent:** Tuesday, November 13, 2018 3:15 PM

**To:** Ashok Bhosale (GE Digital) (Ashok.Bhosale@ge.com) <Ashok.Bhosale@ge.com>

**Subject:** RE: Here is fix For Reference document !!!

New Demo

Virtual path:- /temp-UNC

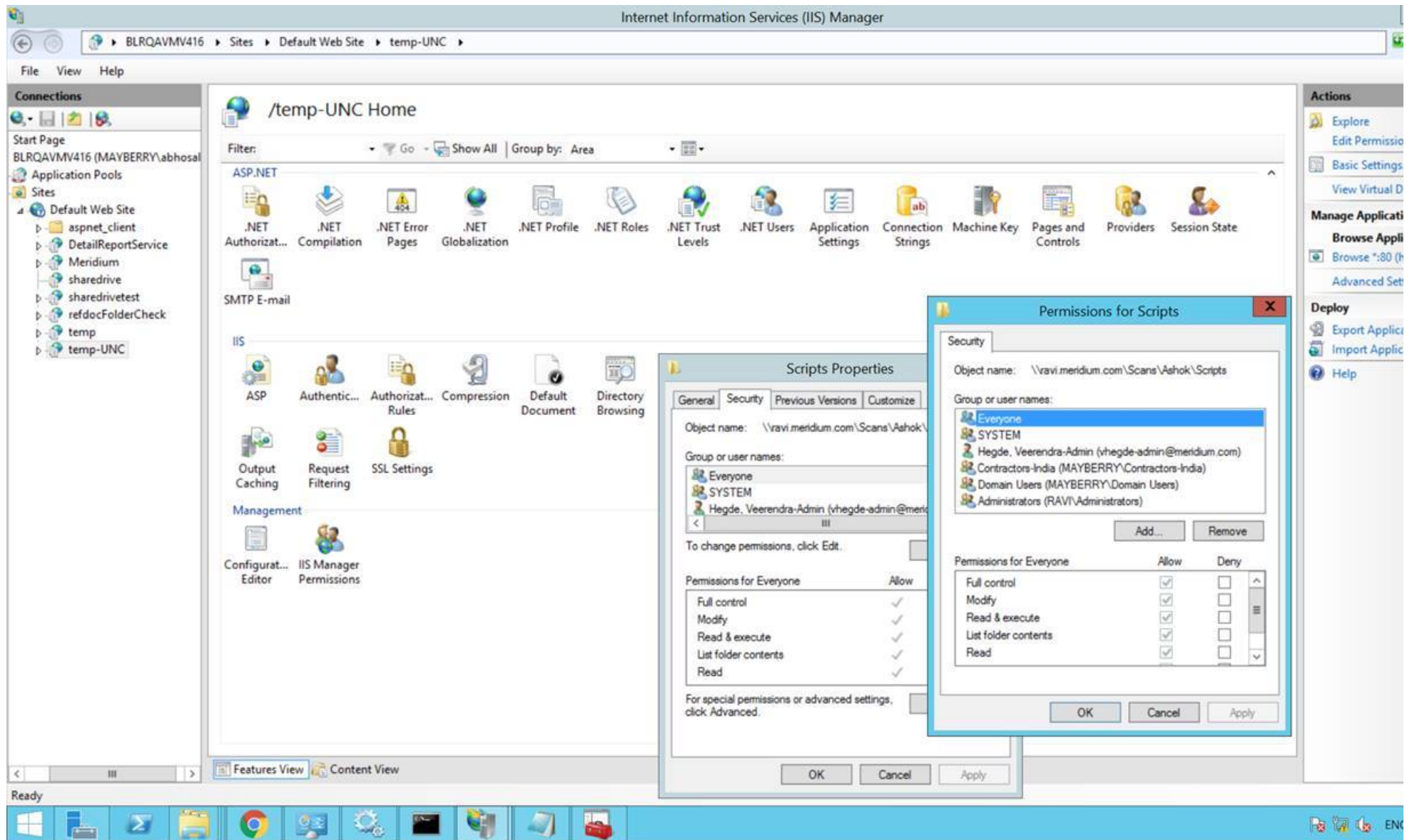
Share Path : <\\ravi.meridium.com\Scans\Ashok\Scripts>

1. Create website and try to browse, you will get following error

**HTTP Error 401.3 - Unauthorized**

**You do not have permission to view this directory or page because of the **access control list (ACL)** configuration or encryption settings for this resource on the Web server.**

2. Check Everyone is their or not in permission



### 3. Enable windows authentication

Internet Information Services (IIS) Manager

BLRQAVMV416 > Sites > Default Web Site > temp-UNC >

File View Help

**Connections**

Start Page  
BLRQAVMV416 (MAYBERRY\abhosal)

- Application Pools
- Sites
  - Default Web Site
    - aspnet\_client
    - DetailReportService
    - Meridium
    - sharedrive
    - sharedrivetest
    - refdocFolderCheck
    - temp
    - temp-UNC

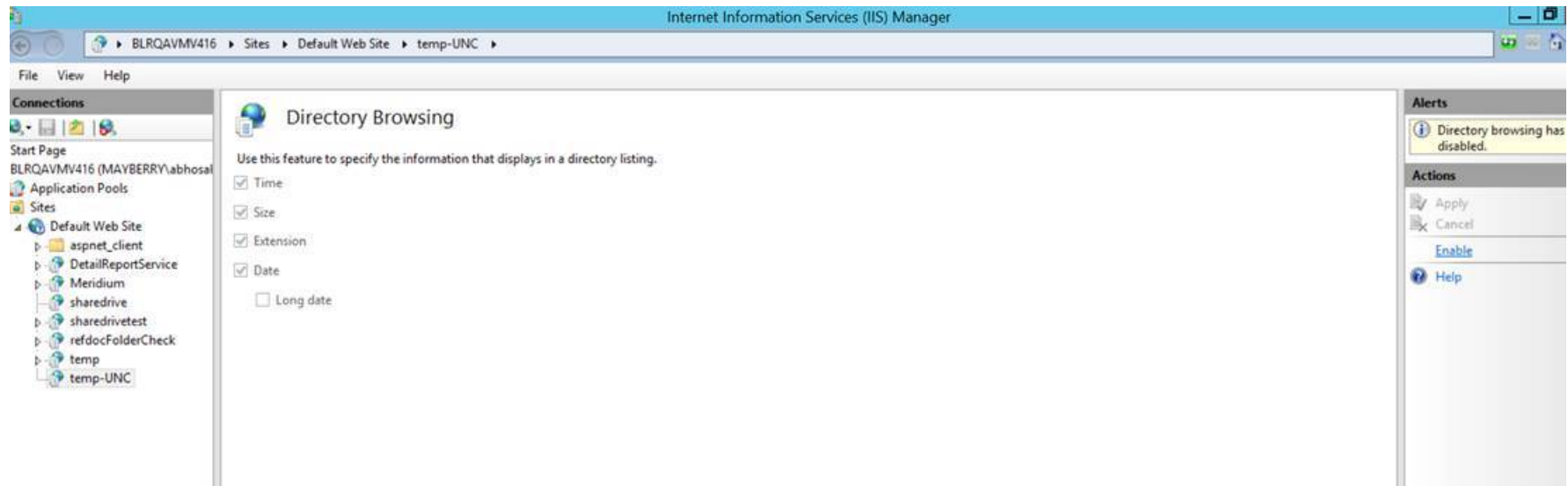
**Authentication**

Group by: No Grouping

Name	Status	Response Type
Anonymous Authentication	Enabled	
ASP.NET Impersonation	Disabled	
Basic Authentication	Disabled	HTTP 401 Challenge
Digest Authentication	Disabled	HTTP 401 Challenge
Forms Authentication	Disabled	HTTP 302 Login/Redirect
Windows Authentication	Disabled	HTTP 401 Challenge

Enable  
Help

#### 4. Enable directory browsing



**5. Browse website , we can see all file listing in that directory**



Internet Information Services (IIS) Manager

BLRQAVMV416 > Sites > Default Web Site > temp-UNC

File View Help

**Connections**

Start Page  
BLRQAVMV416 (MAYBERRY\abhosal)

Application Pools

Sites

Default Web Site

aspnet\_client

DetailReport

Meridium

sharedrive

sharedrive2

refdocFolder

temp

temp-UNC

## Directory Browsing

Use this feature to specify the information that displays in a directory listing.

☒ Time

☐

localhost - /temp-UNC/

[\[To Parent Directory\]](#)

11/15/2011 3:31 AM	2801	<a href="#">0 Get Latest SQLServer Scripts.cmd</a>
4/5/2011 11:05 AM	34372	<a href="#">CONTENT_VALIDATION.SQL</a>
10/23/2007 4:23 PM	2309	<a href="#">CRT_PRC_sp_blockinglocks.sql</a>
10/29/2007 2:26 PM	4270	<a href="#">CRT_PRC_sp_lock2.sql</a>
11/17/2008 11:32 AM	1515	<a href="#">CRT_sp_FindStringInTable.sql</a>
4/27/2009 3:49 PM	7983	<a href="#">CRT_sp_helpindex2_2005.sql</a>
4/27/2009 3:48 PM	8242	<a href="#">CRT_sp_helpindex2_2008.sql</a>
1/15/2004 5:37 PM	1537	<a href="#">dbprop.sql</a>
11/14/2008 2:45 PM	975	<a href="#">DEL_MANUALLY_CREATED_STATS.SQL</a>
5/21/2010 5:31 PM	5159	<a href="#">FIX_MISSING_FK.SQL</a>
7/24/2009 11:36 AM	801	<a href="#">FIX_ORPHANED_REF_DOCS.SQL</a>
7/29/2003 9:37 AM	753	<a href="#">FIX_UOME_NONE.SQL</a>
11/15/2011 10:31 AM	30	<a href="#">GETINSTVER.LOG</a>
11/15/2011 10:31 AM	102	<a href="#">GETINSTVER.SQL</a>
12/17/2010 1:15 PM	1519	<a href="#">HelpfulCommands.txt</a>
3/24/2006 7:39 PM	192	<a href="#">IS_TRIGGER_ENABLED.SQL</a>
11/17/2008 11:29 AM	439	<a href="#">KILL_ALL_TRANS_FOR_DB.SQL</a>
3/15/2007 3:34 PM	1169	<a href="#">LogFile Shrink.sql</a>
3/8/2011 3:52 PM	44	<a href="#">mi_dbadmin_exists.sql</a>
8/10/2009 11:48 AM	599	<a href="#">MI_FMLY_HIER.SQL</a>
3/22/2011 3:35 AM	3313	<a href="#">MI_SQL_DB_Configure.sql</a>
1/5/2004 10:53 AM	1263	<a href="#">MI_VER.SQL</a>

**Thanks,**  
**Ashok**

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**From:** Bhosale, Ashok (GE Digital)  
**Sent:** Tuesday, November 13, 2018 2:11 PM  
**To:** Ashok Bhosale (GE Digital) ([Ashok.Bhosale@ge.com](mailto:Ashok.Bhosale@ge.com)) <[Ashok.Bhosale@ge.com](mailto:Ashok.Bhosale@ge.com)>  
**Subject:** FW: Here is fix For Reference document !!!

To verify what is root cause for existing problem

1. Create temp website add reldoccheck application ,
2. Let default.aspx gets browse, do delete and create with same application . if you can able to replicate issue fine
3. Else create folder from meridium , for deleting use reldoc checker application. ( we will get exact error)

Note: Use from client machine from where you get error.

Note:- check apppool, check everyone user prevliege if any problem.

Alternative solution will be https url, with directory browsing option.

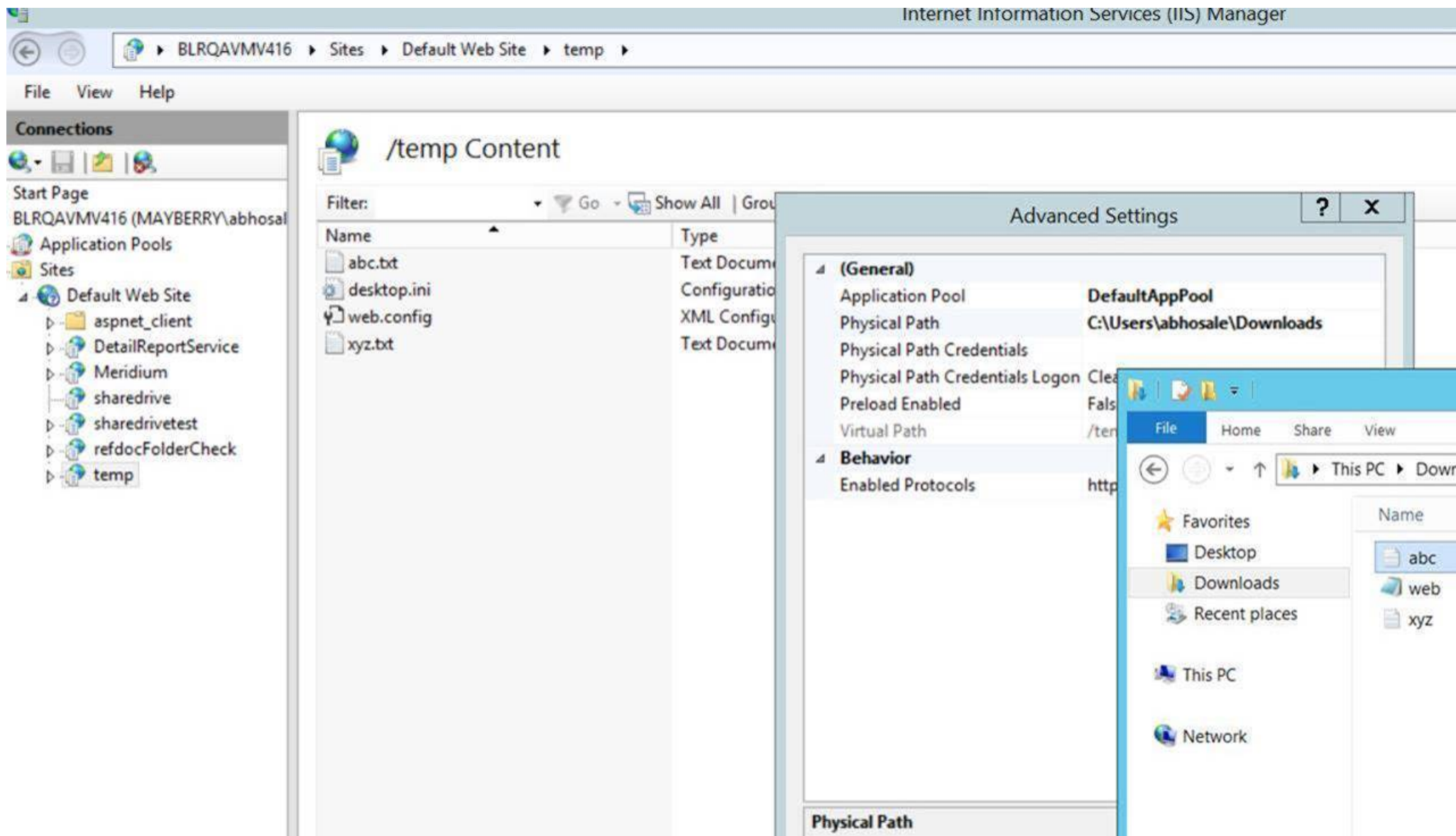
Thanks,  
Ashok

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**From:** Bhosale, Ashok (GE Digital)  
**Sent:** Monday, November 12, 2018 7:38 PM  
**To:** Ashok Bhosale (GE Digital) ([Ashok.Bhosale@ge.com](mailto:Ashok.Bhosale@ge.com)) <[Ashok.Bhosale@ge.com](mailto:Ashok.Bhosale@ge.com)>  
**Subject:** RE: Here is fix For Reference document !!!

Another solution , if share folder and app server is on same machine.





File View Help

Connections

Start Page

BLRQAVMV416 (MAYBERRY\abhosal)

Application Pools

Sites

Default Web Site

aspnet\_client

DetailReportService

Meridium

sharedrive

sharedrivetest

refdocFolderCheck

temp

/temp Content

Filter: Go Show All | Group by: No Grouping

Name	Type
abc.txt	Text Document
desktop.ini	Configuration settings
web.config	XML Configuration File
xyz.txt	Text Document

Location

General

Object name: C:

Group or user name

Everyone

SYSTEM

Bhosale, Ash

Administrators

To change permis

Permissions for Eve

Full control

Modify

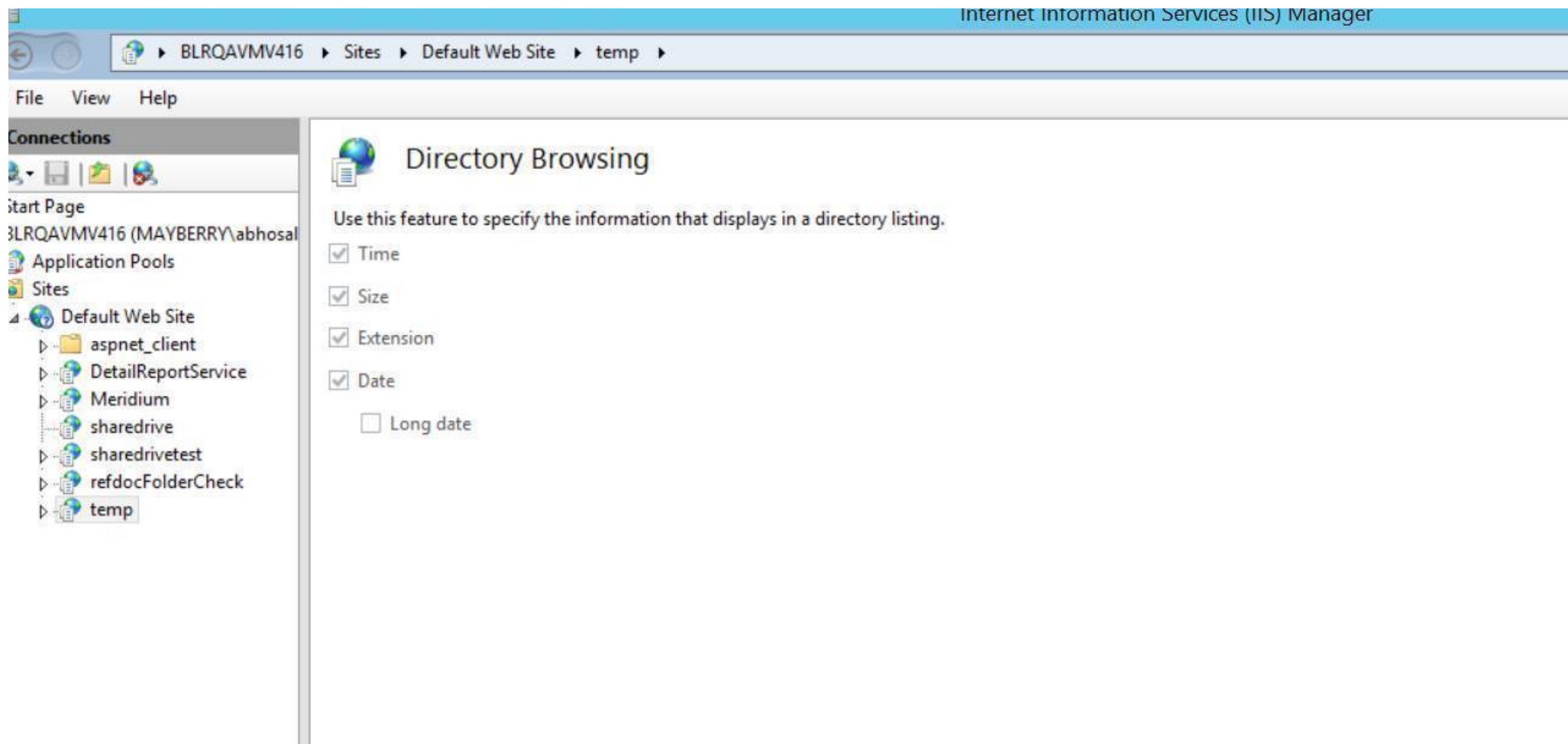
Read & execute

List folder conten

Read

Write

For special permis  
click Advanced.



Thanks,  
Ashok

**From:** Bhosale, Ashok (GE Digital)

**Sent:** Thursday, October 25, 2018 12:15 PM

**To:** Kumar, Nand (GE Digital) <[Nand.Kumar@ge.com](mailto:Nand.Kumar@ge.com)>; Suresh, SarathMohan (GE Digital) <[SarathMohan.Suresh@ge.com](mailto:SarathMohan.Suresh@ge.com)>; Pal, Arvind (GE Digital) <[Arvind.Pal@ge.com](mailto:Arvind.Pal@ge.com)>

**Cc:** @Digital APM Foundation Gold <[apm-foundationgold@ge.com](mailto:apm-foundationgold@ge.com)>

**Subject:** Here is fix For Reference document !!!

Sarath/Nand/Arvind,

Instead of running behind UNC path and stuck in our code in 4.3.0.3.7 version.

I have new approach here which will take of reference document in http mode rather than UNC (path start with \\) mode.

Here is configuration I followed on BLRQAVMV416 in order handle marathon client issue.

Please share below configuration with client / you can perform below configuration in Monday meeting with client.

Steps are here :-

Lets Create sharedrive web-application

( make sure everyone have full permission on [\\ravi.meridium.com\Scans\Ashok\Doc](http://ravi.meridium.com/Scans/Ashok/Doc) or either it will be proper shared folder with all intranet user have full permission to it)



Internet Information Services (IIS) Manager

BLRQAVMV416

File View Help

**Connections**

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- Application Pools
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      - images
      - lib
      - search
      - ssrs
      - styles

**BLRQAVMV416 Home**

Filter: Go Show All Group by: Area

**ASP.NET**

- .NET Authorizat...
- .NET Compilation
- .NET Error Pages
- .NET Globalizati...

**IIS**

- ASP
- Authentic...
- Authorizat...
- Compressi...
- MIME Types
- Modules
- Output Caching
- Request Filtering

**Management**

- Configurat... Editor
- Feature Delegation
- IIS Manager Permissions
- IIS Manag Users

**Actions**

**Manage Server**

- Restart
- Start
- Stop

**Add Application**

Site name: Default Web Site  
Path: /

Alias: sharedrive Application pool: DefaultAppPool Select

Example: sales

Physical path: \\ravi.meridium.com\Scans\Ashok\Doc

Pass-through authentication

Connect as... Test Settings...

☐ Enable Preload

**Doc**

File Home Share View

\\ravi.meridium.com\Scans\Ashok\Doc

Name	Date modified
test	10-10-2018 18:03
test	10-10-2018 19:04
MyFile	10-05-2018 21:08

Favorites  
 Desktop  
 Downloads  
 Recent places  
 This PC  
 Network

Now you can see all files coming under sharedrive site





Internet Information Services (IIS) Manager

BLRQAVMV416 > Sites > Default Web Site > sharedrive >

File View Help

**Connections**

- Start Page
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- Application Pools
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      - distribution
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      - help
      - i18n
      - images
      - lib
      - search
      - ssrs
      - styles
    - sharedrive

**/sharedrive Content**

Filter:  Go  Group by: No Grouping

Name	Type
MyFile.txt	Text Document
test.pdf	Chrome HTML Document
test.txt	Text Document

**Action**

- Start Page
- BLRQAVMV416 (MAYBERRY)
- Application Pools
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      - lib
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      - ssrs
      - styles
    - sharedrive

**Deployment**

- Start Page
- BLRQAVMV416 (MAYBERRY)
- Application Pools
- Sites
  - Default Web Site
    - aspnet\_client
    - DetailReportService
    - Meridium
      - api
      - app
      - distribution
      - GE
      - help
      - i18n
      - images
      - lib
      - search
      - ssrs
      - styles
    - sharedrive

Now when you try to view file it will throw below error both on IE/Chrome ( don't worry this is expected as we have not allow site to browse directory)

Internet Information Services (IIS) Manager

BLRQAVMV416 > Sites > Default Web Site > sharedrive >

File View Help

Connections

- Start Page
- BLRQAVMV416 (MAYBERRYV)
- Application Pools
- Sites
  - Default Web Site
    - aspnet\_client
    - DetailReportService
    - Meridium
      - api
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      - distribution
      - GE
      - help
      - i18n
      - images
      - lib
      - search
      - ssrs
      - styles
      - sharedrive

/sharedrive Content

Filter: Go Show All Group by: No Grouping

Name Type

http://localhost/sharedrive/test.pdf

### HTTP Error 401.3 - Unauthorized

You do not have permission to view this directory or page because of the access control list (ACL) settings for this resource on the Web server.

**Most likely causes:**

- The user authenticated by the Web server does not have permission to open the file on the file system.
- If the resource is located on a Universal Naming Convention (UNC) share, the authenticated user may not have sufficient permissions on the share or the permissions on the physical path may not match the permissions on the physical path.
- The file is encrypted.

**Things you can try:**

- Open File Explorer and check the ACLs for the file that is being requested. Make sure that the user accessing the file has the necessary permissions to open the file.
- Open File Explorer and check the ACLs for the share and the physical path. Ensure that both ACLs allow the user to access the file.
- Open File Explorer and check the encryption properties for the file that is being requested. (This setting is located in the file's properties.)
- Create a tracing rule to track failed requests for this HTTP status code. For more information about creating a tracing rule for failed requests, see [Tracing Failed Requests](#).

**Detailed Error Information:**

Module	IIS Web Core
Notification	AuthenticateRequest
Handler	StaticFile
Error Code	0x80070005

**HTTP Error 401.3 - Unauthorized**

You do not have permission to view this directory or page because of the access control list (ACL) settings for this resource on the Web server.

**Most likely causes:**

- The user authenticated by the Web server does not have permission to open the file on the file system.
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- Open File Explorer and check the ACLs for the file that is being requested. Make sure that the user accessing the file has the necessary permissions to open the file.
- Open File Explorer and check the ACLs for the share and the physical path. Ensure that both ACLs allow the user to access the file.
- Open File Explorer and check the encryption properties for the file that is being requested. (This setting is located in the file's properties.)
- Create a tracing rule to track failed requests for this HTTP status code. For more information about creating a tracing rule for failed requests, see [Tracing Failed Requests](#).

**Detailed Error Information:**

Module	IIS Web Core	Requested URL	http://localhost:80/sharedrive/test.pdf
Notification	AuthenticateRequest	Physical Path	\\ravi.meridium.com\Scans\Ashok\Doc
Handler	StaticFile	Logon Method	Anonymous
Error Code	0x80070005	Logon User	Anonymous

**More Information:**

Lets Fix this.

In order to fix it we must have window authentication on shared location

Means Logged-in user also can access share path with same credential what they used for windows login.

Lets enable window authentication



Internet Information Services (IIS) Manager

BLRQAVMV416 > Sites > Default Web Site > sharedrive

File View Help

Connections

- Start Page
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      - help
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      - images
      - lib
      - search
      - ssrs
      - styles
      - sharedrive

Authentication

Group by: No Grouping

Name	Status	Response Type
Anonymous Authentication	Enabled	
ASP.NET Impersonation	Disabled	
Basic Authentication	Disabled	HTTP 401 Challenge
Digest Authentication	Disabled	HTTP 401 Challenge
Forms Authentication	Disabled	HTTP 302 Login/Redirect
Windows Authentication	Enabled	HTTP 401 Challenge

Alerts

Click here to learn how to configure Extended Protection.

Actions

- Disable
- Advanced Settings...
- Providers...
- Help

Features View Content View

Configuration: 'localhost' applicationHost.config, <location path="Default Web Site/sharedrive">

10:42



Make sure :  
Anonymous Authentication should be Application Pool Identity

The screenshot shows the IIS Manager interface. On the left, the 'Connections' tree is expanded to 'sharedrive'. The main pane displays the 'Authentication' settings for the selected site. A table lists various authentication methods and their status.

Name	Status	Response Type
Anonymous Authentication	Enabled	
ASP.NET Impersonation	Disabled	
Basic Authentication	Disabled	HTTP 401 Challenge
Digest Authentication	Disabled	HTTP 401 Challenge
Forms Authentication	Disabled	HTTP 302 Login/Redirect
Windows Authentication	Enabled	HTTP 401 Challenge

An 'Edit Anonymous Authentication Credentials' dialog box is open in the foreground. It contains the following options:

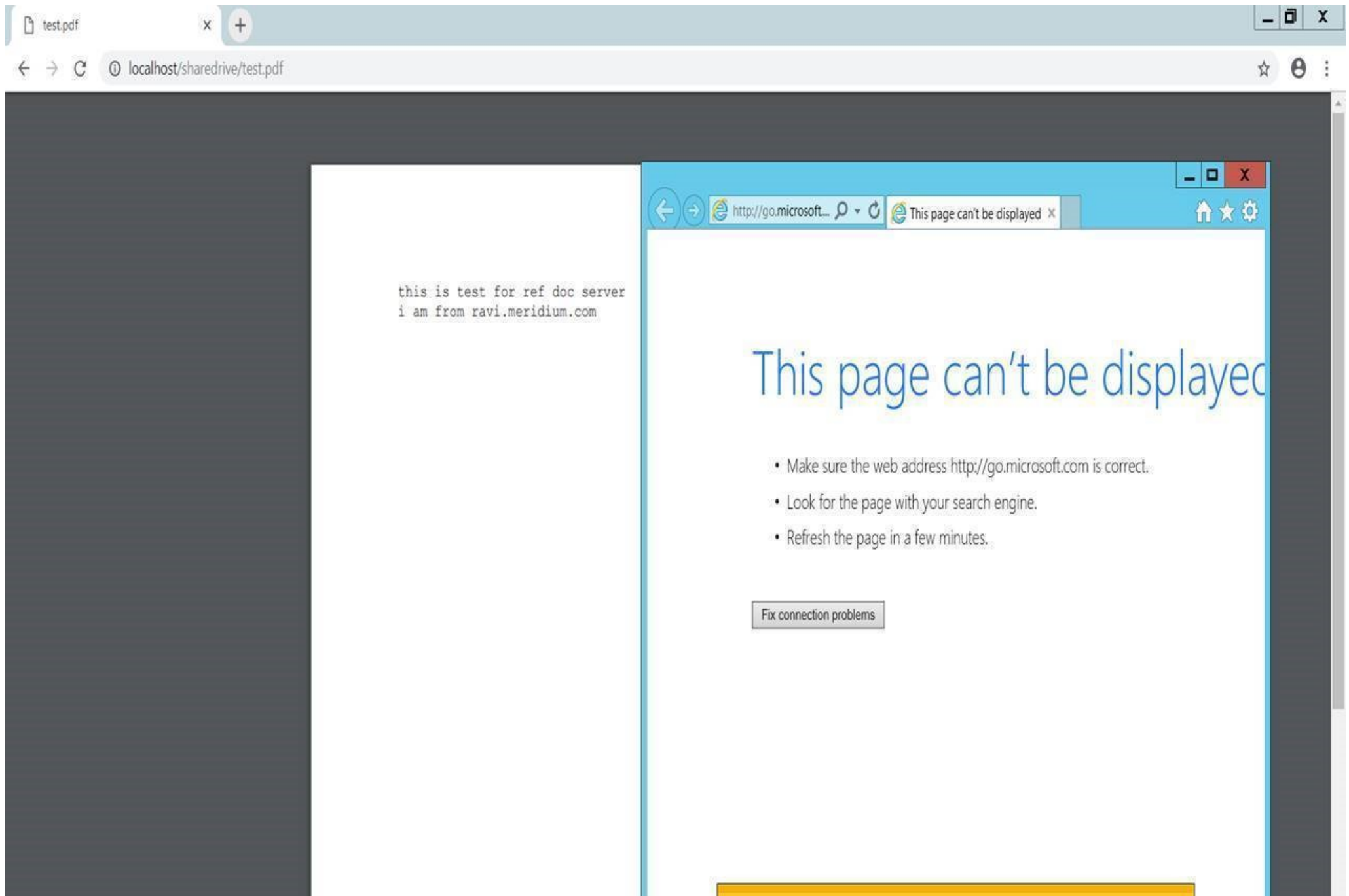
- Anonymous user identity:
  - ☐ Specific user: (with a text box and a 'Set...' button)
  - ☒ Application pool identity

At the bottom of the dialog are 'OK' and 'Cancel' buttons.

Now Open Chrome/IE ,lets browse the file

In Chrome ,it will automatically browse in browser /for IE It will ask you to download ( which working as expected)

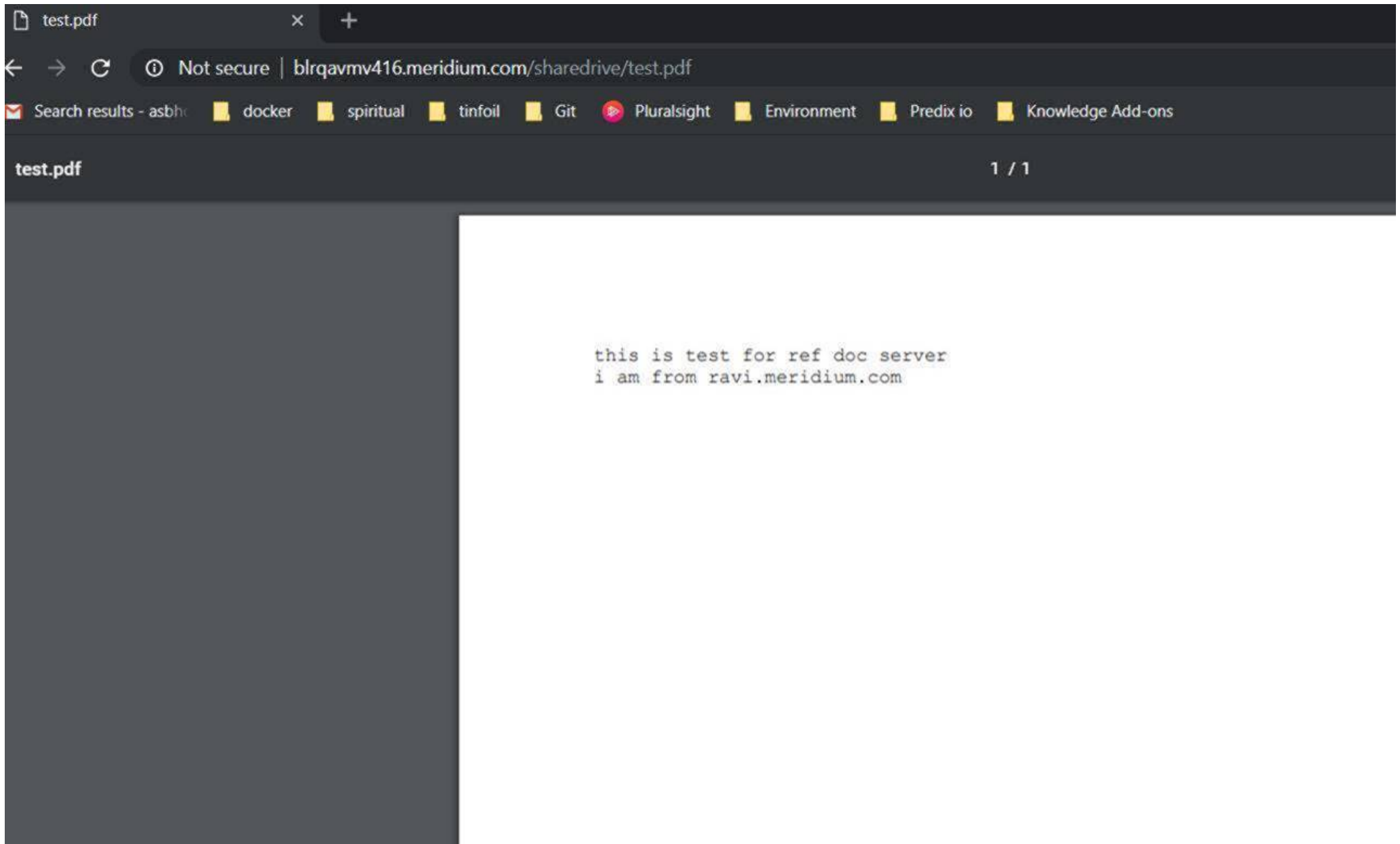




Now Lets test it from outside machine ( machine other than <http://blrgavmv416.meridium.com>)

I am browsing on my machine :

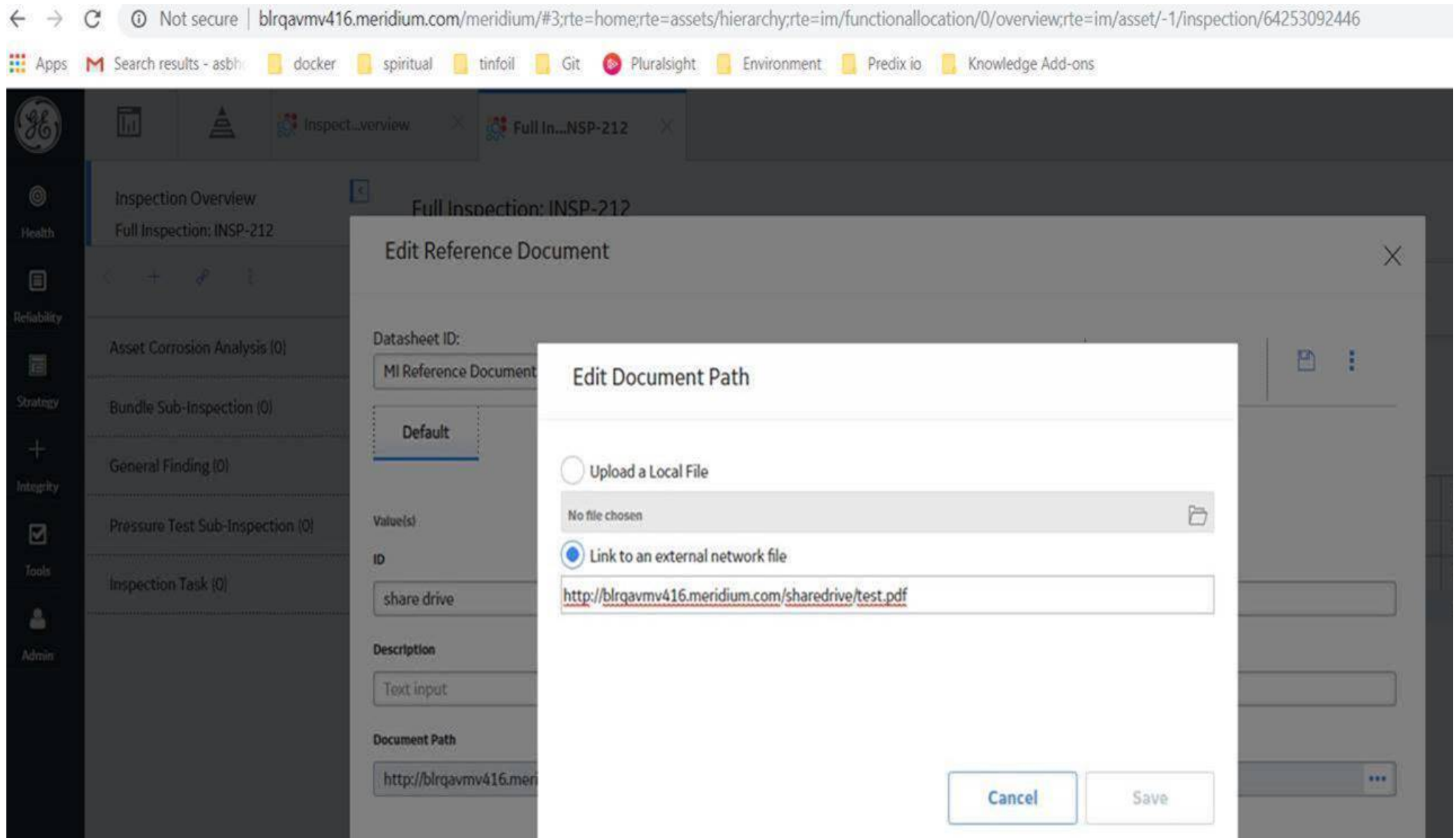
**( PLEASE MAKE SURE THIS IS WORKING)**



So now we are ready with <http://blrqavmv416.meridium.com/sharedrive> which is map to <\\ravi.meridium.com\Scans\Ashok\Doc>  
We can access ravi share location file from above IIS http URL ( i.e. <http://blrqavmv416.meridium.com/sharedrive/test.pdf>) from anyone inside organization.

Now lets embed this share location inside reference document





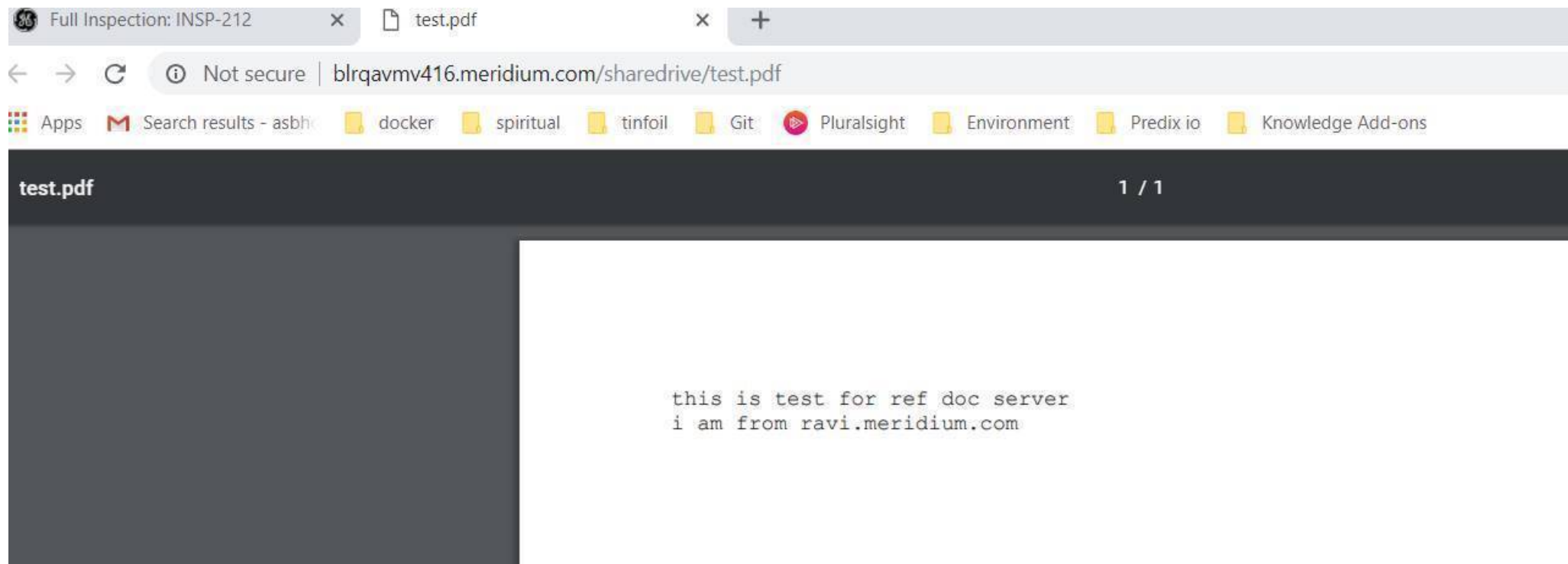
Try to open it

When I click on link

The screenshot shows a web browser window with the URL `blrqavmv416.meridium.com/meridium/#3;rte=home;rte=assets/hierarchy;rte=im/functionallocation/0/overview;rte=im/asset/-1/inspection/64253092446`. The browser's address bar shows "Not secure". The page has a GE logo in the top left corner. A sidebar on the left contains navigation links: Health, Reliability, Strategy, Integrity, Tools, and Admin. The main content area is titled "Full Inspection: INSP-212" with the asset ID "Asset ID: ~ ~ QA TEST UNIT- EQUIP". Below the title, there are three tabs: "Inspection Data", "Inspection Confidence Evaluation", and "Team Members". The "Inspection Data" tab is active, showing "Inspection Details". A table with 5 columns (checkbox, ID, Description, Last Updated By, Last Updated Date) displays 3 records. The third record, with ID "share drive", is circled in green. The table also includes a pagination control showing "1 - 3" of 3 record(s).

	ID	Description	Last Updated By	Last Updated Date
<input type="checkbox"/>	Ravi Test1	est	Super User , Baseline	10/24/2018
<input type="checkbox"/>	ABC		Super User , Baseline	10/24/2018
<input type="checkbox"/>	share drive		Super User , Baseline	10/25/2018

It open new tab:



ReTesting/ Re-Verifying:- I have retested and reverified with one more virtual directory

Internet Information Services (IIS) Manager

BLRQAVMV416 > Sites > Default Web Site > sharedrivetest

File View Help

**Connections**

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- Application Pools
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      - images
      - lib
      - search
      - ssrs
      - styles
    - sharedrive
    - sharedrivetest

sharedrivetest

**/sharedrivetest Content**

Filter: Go Show All | Group by: No Grouping

Name	Type
MyFile.txt	Text Document
test.pdf	Chrome HTML Document
test.txt	Text Document
web.config	XML Configuration File

test.pdf

Not secure | blrqavmv416.meridiu

Search results - asbh... docker spiritual t

test.pdf

Here is my work is done !!!! 😊

Please let me know if you have doubt.

{ NOTE: This setting will work only when share location and app server on same domain }

Happy Diwali .. Happy Holidays 😊

Thanks,  
Ashok