

Modern Requirements4DevOps Customization & Troubleshooting Guide



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USER CUSTOMIZATIONS

MANUALLY ENABLING WINDOWS FEATURES

If an organization has restrictions in its working environment that don't permit you to enable or modify the "Windows Feature" settings, follow these instructions to enable the window features manually.

1. Open the **Control Panel** and change the **View by** field value to "Category" (if not selected by default).



2. Select the **Programs** option.



3. Select the "Turn Windows features on or off" option under the Programs and Features category.



The Windows Feature screen will be displayed.

- Requirements Modern Requirements4DevOps Customization & Troubleshooting Guide Modern Requirements4DevOps
 - 4. Select the highlighted features required for Modern Requirements4DevOps.

Windows Features
Turn Windows features on or off
To turn a feature on, select its check box. To turn a feature off, clear its check box. A filled box means that only part of the feature is turned on.
🕀 🔽 📔 Internet Information Services
Internet Information Services Hostable Web Core
🕀 🔽 Media Features
Microsoft .NET Framework 3.5.1
Windows Communication Foundation HTTP Activation
Windows Communication Foundation Non-HTTP Activation
🕀 🔲 🔐 Microsoft Message Queue (MSMQ) Server
🕀 🔲 🖟 Print and Document Services
Remote Differential Compression
🔲 🎍 RIP Listener
Envices for NFS
🗊 🗐 🚡 Simple Network Management Protocol (SNMP)
OK Cancel

5. If Win8 or a more recent version is installed on the machine please enable the features highlighted in the following image as well:

	Windows Features – 🗖	x
Turn Windows features on or off		0
To turn a feature on, select its check box. To turn feature is turned on.	a feature off, clear its check box. A filled box means that only part of the	he
 NET Framework 3.5 (includes .NET 2.0 Windows Communication Founda Windows Communication Founda Windows Communication Founda NET Framework 4.5 Advanced Service ASP.NET 4.5 WCF Services WCF Services MCF Services Message Queuing (MSMQ) Act Named Pipe Activation TCP Activation TCP Port Sharing 	rand 3.0) tion HTTP Activation tion Non-HTTP Activation s	^

ADDING IIS BINDING INFORMATION IN CONFIGURATION FILES

If you have bound any IP on the system, you must update the web configuration file using the following steps:

1. Invoke **inetmgr** through Windows's Run command/Start Menu.



2. Expand the node on the left-hand side of the panel of the Internet Information Services (IIS) Manager.

📲 Internet Information Services (IIS) Manager	
	🖬 🖂 🔞 🔹
File View Help	
Connections OAVE Home	Actions
	Manage Server
Filter: • 🕅 Go - 🐷 Show All Group by: Area • 🕅 •	Kestart
ASP.NET	Stop
	View Application Pools
.NET .NET .NET Error .NET .NET Trust Application Connection Machine Key Pa	ages and Providers Session State SMTP E-mail View Sites
Authonizat Compliation Pages Globalization Levels Settings Strings C	Deploy 🔿
	Seport Server Package
	TTP Import Server or Site Package
FTP FTP FTP Directory FTP Firewall FTP IPv4 FTP Logging FTP FTP Request F	FTP SSL FTP User Version
ne neuronatin biologing support neurosum mesages rintering s	Help
	Online Help
ASP Authentic Authorizat CGI Compression Default Directory Error Pages Rules Document Browsing Reg	Failed FastCGI Handler HTTP Juest Tra Settings Mappings Redirect
	🖳 💷 🐼
HTTP IP Address ISAPI and ISAPI Filters Logging MIME Types Modules Output R Respon and Doma CGI Restri	Request Server WebDAV Worker Filtering Certificates Authori Processes
Management	· · · · · · · · · · · · · · · · · · ·
Editor Delegation Configurat	
< 💷 🕞 Features View 院 Content View	
Ready	91.:

] Internet Information Services (IIS) Manager 🕞 💽 🔮 🖣 DAVE 🖡 File View Help Connections DAVE Home 🕶 🔐 Go 👒 🥁 Show All | Group by: Area -Filter: ASP.NET Application Pools • ٩ 1 -复 ab F 8 404 sion State SMTP E-mail .NET .NET Authorizat... Compilation .NET Error Pages .NET Globalization Application Settings Providers .NET Trus Levels onnecti Strings chine Key Pages and Controls FTP FTP Authentic FTP Authorizat FTP Directory Browsing FTP Firewall Support FTP IPv4 Address a.. FTP Logging FTP FTP Messages FTP SSL Settings FTP Request Filtering FTP User Isolation

Ð

Compression

Default Document

j

Logging MIME Types Modules

Þ

Directory Browsing

4

404

Error Pages

1

Output Caching

Failed Request Tra

8

Request Filtering

1

FastCGI Settings

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Server Certificates

2

Handler Mappings

WebDAV Authori...

CGI

CGI

3

3. Select the Application Pools option.

IIS

ASP

нттр

Respon Mana

Configurat.. Editor

Features View 💦 Content View

Ready

Authentic.

16

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Feature Delegation

-

Authorizat. Rules

-

IP Address ISAPI and ISAPI Filters and Doma... CGI Restri...

1

Shared Configurat.

Right-click ModernRequirements4DevOps 2019 and select Edit Binding. The Site Bindings window will be 4. displayed. The "IP Address" field will display which IP has been bound, if any.

			Site Bi	ndings	? ×
Type	Host Name	Port 8028	IP Address 10.0.0.20	Binding Informa	Add Edit Remove Browse
					Close

🐱 🛛 🟠 🔞

(~

Actions

Start Stop

Deploy

Help
 Online Help

9 2

HTTP Redirect

R

Worker Processes

Manage Server ¢

View Application Pools View Sites

Export Server Package... Import Server or Site Packag

Change .NET Framework Version

5. Note the IP Address value, e.g. **10.0.0.20** (displayed in the image above), and go to the installation directory, i.e.

ile Home Share View					^
to Quick Copy Paste Cipboard	bath shortcut do Copy to Copy Organize	New item •	Properties	Ipen	
	uirements » Modern Requirements4DevOn	s 2019 > User Interface >	v 6	Search User Interface	ρ
	Name ^	Date modified	Туре	Size	-
- Onebrive	App Data	10/01/2019 4-48 PM	File folder		
This PC		10/01/2019 4:48 PM	File folder		
🧊 3D Objects	bin	10/01/2019 4:48 PM	File folder		
🤜 Desktop	Content	10/01/2019 4:48 PM	File folder		
Documents	Discover	10/01/2019 4:48 PM	File folder		
	fonts	10/01/2019 4:47 PM	File folder		
h Music	Scripts	10/01/2019 4:48 PM	File folder		
Dictures	Views	10/01/2019 4:48 PM	File folder		
	ApplicationInsights.config	31/12/2018 6:52 PM	CONFIG File	8 KB	
Videos	📔 favicon.ico	13/08/2018 12:21	lcon	32 KB	
Local Disk (C:)	Global.asax	13/08/2018 12:21	ASAX File	1 KB	
🕳 Local Disk (E:)	packages.config	18/10/2018 6:21 PM	CONFIG File	6 KB	
👝 Local Disk (F:)	Web.config	10/01/2019 4:48 PM	CONFIG File	34 KB	

<Default Installation Drive>:\Program Files\Modern Requirements\ModernRequirements4DevOps 2019\User Interface

- 6. Select the **Web.config** file among the list displayed in the folder (refer to the highlighted line in the image above).
- 7. Open the file in Notepad.

Pin to Quick Copy Paste Paste S access Clipboard	bath Mc shortcut tc	Edit with Adobe Dreamweaver CS6 Open Edit 7-Zip CRC SHA	Properties Open	pen • Select all dit Select none istory Invert selection Select	
← → ✓ ↑ ← Modern Requ ▲ OneDrive ■ This PC	Name App_Da	 Y Edit with Notepad++ Scan selected items for viruses P Shred using AVG Share 	イ File folder	Search User Interface Size	م
 3D Objects Desktop 	Areas bin Conten	Open with Restore previous versions	Adobe Dreamw	reaver CS6 Il Studio 2013	
 Documents Downloads Music 	Discove	Cut Copy	WordPad Search the Store	e	
 Pictures Videos Local Disk (C:) 	Applica	Create shortcut Delete Rename	Choose anothe M CONFIG File	8 KB 32 KB 1 KB	
Local Disk (E:)	package Web.config	Properties 10/01/2019 4:4	M CONFIG File	6 KB 34 KB	

 Search for the tag <add key="ServiceAddress" value="....."/> (selected in the following image) and update its value, <u>http://<machine name>:8027</u>/ with the IP address bound and noted above, i.e. value=<u>http://10.0.20:8027</u>/

2	Web - Notepad
File Edit Format View Help	
<connectionstrings></connectionstrings>	
<pre><add connectionstring="Data Source=</pre></td><th>(LocalDb)\v11.0;Initial Catalog=asp</th></tr><tr><td>Security=SSPI;AttachDBFilename= DataDirectory \aspnet-inteGREAT.</td><th>Veb.UI-20141217184358.mdf" name="DefaultConnection" provider<="" th=""></add></pre>	
<appsettings></appsettings>	
<add key="webpages:Version" value="2.0.0.0"></add>	
<add key="webpages:Enabled" value="false"></add>	
<pre><add key="PreserveLoginUrl" value="true"></add></pre>	
<pre><add key="ClientValidationEnabled" value="true"></add></pre>	
<pre><add key="UnobtrusiveJavaScriptEnabled" value="true"></add></pre>	
<pre><add key="EnableUAuth" value="false"></add></pre>	
<pre><add key="AutoSaveDuration" value="1"></add> </pre>	d ha da Automated Budld Dath mode
keen web config in local	i de in Aucomacea buila Pach mode, i
(L Development Path)	
<pre><add <="" kev="ServiceAddress" pre="" serviceaddress"="" value="http://localhost:8027"></add></pre>	/>>
VSO Build Path - Start	
Dev	
<pre><!-- <add key="ServiceAddress" value="http://localhost:8027"</pre--></pre>	/>>
QA	
<pre><!-- <add key="ServiceAddress" value="http://localhost:8037"</pre--></pre>	/>>
RTM	
<add key="ServiceAddress" value="http://localhost:8047"</td <th>/>></th>	/>>
VSO Build Path - End	

9. Save the file and close it.

If you aren't allowed to save the Notepad file with changes on the same directory, save it on desktop first. Then copy it back to this directory, i.e. location and replace.

10. Switch back to the IIS Manger window and restart both inteGREAT services under the Sites folder.

EMAIL CONFIGURATION FOR THE FEEDBACK OPTION

All the configurations regarding emails are now done using Admin Panel (for the Embedded version). Please refer to that section for details. This section is for users currently using the Standalone version of the application.

The email configuration is essential if you want to use the Feedback option in the Simulation Module. This is because Modern Requirements4DevOps automatically sends out emails to concerned stakeholders to get their feedback. If the email settings are not properly configured, these emails can't be sent out and the feedback option won't function properly. Take the following steps (elaborated from next page onwards) to configure the email settings for Modern Requirements4DevOps:

1. Navigate to the following location on your computer: "C:\Program Files\Modern Requirements\ModernRequirements4DevOps 2019\Service"

Quick Copy Paste Pa	ut pyp path iste shortcut	New item •	Properties	Select all Select none	
Clipboard	Organize	New	Open	Select	
\rightarrow \uparrow \square \checkmark Modern	Requirements > Modern Requirements4DevOps	s 2019 > Service >	V O Sea	rch Service	
This PC	^ Name	Date modified	Туре	Size	
3D Objects	App_Data	10/01/2019 4:48 PM	File folder		
Deskton	bin bin	10/01/2019 4:48 PM	File folder		
	Resources	10/01/2019 4:47 PM	File folder		
	Services	10/01/2019 4:48 PM	File folder		
Downloads	ApplicationInsights.config	28/12/2018 8:58 PM	CONFIG File	8 KB	
Music	FlxCore.dll	13/08/2018 12:21	Application extens	2,524 KB	
Pictures	FlxCore64.dll	13/08/2018 12:21	Application extens	3,392 KB	
Videos	📄 Global.asax	13/08/2018 12:21	ASAX File	1 KB	
Local Disk (C:)	packages.config	18/10/2018 6:21 PM	CONFIG File	3 KB	
Local Disk (E:)	Web.config	10/01/2019 4:48 PM	CONFIG File	30 KB	
Local Disk (F:)	7				

2. Copy the "Web.config" file to another location (e.g. desktop) for editing.



3. Open the file using a text editor (e.g. Notepad).

🗍 Web.config - Notepad
File Edit Format View Help
<pre><?xml version="1.0" encoding="UTF-8" standalone="yes"?> <<configuration> <<configuration> <<configuration.dotnetopenauth" type="DotNetOpenAuth.Configuration.DotNetOpenAuthSection, DotNetOpenAuth.Core"> <<sectiongroup name="dotNetOpenAuth" type="DotNetOpenAuth.Configuration.DotNetOpenAuthSection, DotNetOpenAuth.Core"> <<section name="dotNetOpenAuth" type="DotNetOpenAuth.Configuration.DotNetOpenAuthSection, DotNetOpenAuth.Core"> <<section name="dotNetOpenAuth" type="DotNetOpenAuth.Configuration.DotNetOpenAuthSection, DotNetOpenAuth.Core"> </section></section></sectiongroup></configuration.dotnetopenauth"></configuration></configuration></pre>
<pre>cappSetTings></pre>
<pre><add key="OAUthHandler" value="http://localhost:2596/OAuthHandler.ashx"></add> <add key="TraceFile" value="workItemBaseline4TF5_QLM_Logs.txt"></add> <!--</td--></pre>
> <add key="LogConfig" value="~/bin/App_Data/log4Net.config"></add> <add key="LogConfig" value="G:\\TF5_IgwebAccess_SourceControl\\Core Development\\Codebase\\inteGREAT.web.Services\\int<br
<pre><mailsettings> <smtp deliverymethod="Network" from="userl@abc.com"> <smtp deliverymethod="Network" from="userl@abc.com"> <s <network="" host="relay-hosting.secureserver.net" password="12345678" port="25" username="info@abc.com"></s>> <smtp> </smtp></smtp></smtp></mailsettings> <!--/mailSettings--> <!--/mailSettings--></pre>
<pre><deraulty <pre="" bxys=""><pre>cproxy usesystemdefault="true"/></pre></deraulty></pre>

Note: The highlighted section in the image above displays the section of the file that needs to be configured properly.

4. Now open your email client/email reader (e.g. Microsoft Outlook).

Note: The following steps show the process for Microsoft Outlook. If you're using another email reader, refer to its documentation for relevant steps.

5. Click on File



6. Click on Account Settings→Account Settings....

	Account Information
Into	ACCOUNT INFORMATION
Open & Export	steve.andrews@hotmail.com
Save As	POP/SMTP
Save Attachments	Add Account Step 1
Print	Account Settings Account Get the Outlook app for iPhone. iPad. Android. or Windows 10 Mobile.
Office	Settings * Step 2
Account	Add and remove accounts or charge
Feedback	by emptying Deleted Items and archiving.
Options	Update the account password saved in Outlook.
Exit	Account Name and Sync Settings Update basic account settings such as nize your incoming email messages, and receive

7. Double-click the desired email account from the list.

Account	Settings						×		
E-m Y	E-mail Accounts You can add or remove an account. You can select an account and change its settings.								
E-mail	E-mail Data Files RSS Feeds SharePoint Lists Internet Calendars Published Calendars Address Books								
Sig Ne	ew 🔆 R	epair 😭	Change 📀 🤅	5et as Default 🗙 R	emove 🕈 🖶				
Name	2			Туре					
	eve.andrew	s@hotmail.co	m 💊	POP/SMTP (s	end from this account	by default)			
			~						
Selecte	ed account de	elivers new m	essages to the foll	owing location:					
Chan	ige Folder	steve.and	lrews@hotma	il.com\inbox					
		in data file C	:\Users\\Outlook	Files\steve.andrews@	ghotmail.com.pst				
							Close		

8. Note down the information highlighted in the window.

Change Account		×
Internet E-mail Settings Each of these settings a	re required to get your e-mail acc	count working.
User Information		Test Account Settings
Your Name:	Steve Andrews	After filling out the information on this screen, we
E-mail Address:	steve.andrews@hotmail.com	below. (Requires network connection)
Server Information		Test Association
Account Type:	POP3	lest Account Settings
Incoming mail server:	pop.secureserver.net	Test Account Settings by clicking the Next button
Outgoing mail server (SMTP):	10.0.0.55	
Logon Information		
User Name:	steve.andrews@hotmail.com	
Password:	******	
	Remember password	
Require logon using Secure	Password Authentication (SPA)	More Settings
		< Back Next > Cancel

9. Click the **More Settings...** button.

Change Account	······································	
Internet E-mail Settings Each of these settings ar	re required to get your e-mail acc	ount working.
User Information		Test Account Settings
Your Name:	Steve Andrews	After filling out the information on this screen, we
E-mail Address:	steve.andrews@hotmail.com	below. (Requires network connection)
Server Information		Test Assure Cations
Account Type:	POP3 👻	Test Account Setungs
Incoming mail server:	pop.secureserver.net	Test Account Settings by clicking the Next button
Outgoing mail server (SMTP):	10.0.0.55	
Logon Information		
User Name:	steve.andrews@hotmail.com	
Password:	*******	
F 🔊	Remember password	
Require logon using Secure	Password Authentication (SPA)	More Settings
		< Back Next > Cancel

10. Open the **Advanced** tab.

nternet f	mail Settings	3
Genera	Outgoing Server Connection Advanced	
Mail Ac	punt	-
Type exam	ne name by which you want to refer to this account. For le: "Work" or "Microsoft Mail Server"	
stev	andrews@hotmail.com	
Other l	er Information	-
Orga	zation:]
Reply	E-mail:	1
		_
	OK Cancel	

11. Note down the SMTP port highlighted in the window.

Internet E-mail Settings
General Outgoing Server Connection Advanced
Server Port Numbers
Incoming server (POP3): 110 Use Defaults
This server requires an encrypted connection (SSL)
Outgoing server (SMTP): 25
Use the following type of encrypted connection: None
Short - Long 1 minute
Delivery
Leave a copy of messages on the server
Remove from server after 30 ays
Remove from server when deleted from 'Deleted Items'
OK Cancel

- 12. After noting down all the required information, close down all the windows in Microsoft Outlook.
- 13. Switch back to the "Web.config" file opened in the text editor.

14. Update the mail settings section using the information gathered from Microsoft Outlook.

<pre>Intections 'totepad The Edit format View Help </pre> <pre> The Edit format View Help </pre> <pre> The Cdit format View Help </pre> <pre> The Cdit format View Help </pre> <pre> Section name="messaging" type="DotNetOpenAuth.Configuration.DotNetOpenAuth.Core" requirePermission="feige: section name="reporting" type="DotNetOpenAuth.Configuration.MessagingElement, DotNetOpenAuth.Core" requirePermission="feige: section name="reporting" type="DotNetOpenAuth.Configuration.Action ReportingElement, DotNetOpenAuth.Core" requirePermission="feige: section name="reporting" type="DotNetOpenAuth.Configuration.Action ReportingElement, DotNetOpenAuth.Core" requirePermission="feige: section name="reporting" type="DotNetOpenAuth.Core";" requirePermission="feige: section coup. </pre> <pre> section coup. </pre> <pre></pre>	
<pre>File Edit format View Help </pre> <pre>Configuration="1.0" encoding="UTF-8" standalone="yes"?> </pre> <pre><configuration> <pre><configuration> <pre><configuration="lot" ?="" encoding="UTF-8" standalone="yes"> </configuration="lot"></pre> <pre><configuration> <pre><configuration="lot" ?="" encoding="UTF-8" standalone="yes"> </configuration="lot"></pre> <pre><configuration> <pre><configuration="lot" ?="" encoding="UTF-8" standalone="yes"> </configuration="lot"></pre> <pre><configuration="lot" ?="" encoding="UTF-8" standalone="yes"> </configuration="lot"></pre> <pre><configuration> </configuration></pre> <pre><configuration="lot" ?="" encoding="UTF-8" standalone="yes"> </configuration="lot"></pre> <pre></pre> <pre></pre> <pre>configuration="Lot" encoding="UTF-8" standalone="yes"?> </pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre>configuration="Lot" encoding="UTF-8" standalone="yes"?> </pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre> <pre></pre></configuration></pre> <pre></pre> <pre></pre></configuration></pre></configuration></pre></configuration></pre>	Westering Hotepa
<pre></pre> </td <td>File Edit Format View Help</td>	File Edit Format View Help
<pre>cloningurations> cloningurations> cloninguration.botNetOpenAuth.Configuration.DotNetOpenAuthSection, DotNetOpenAuth.Core", csection name="messaging" type="DotNetOpenAuth.Configuration.MessagingElement, DotNetOpenAuth.Core", requireBermission="fig" csection name="oauth" type="DotNetOpenAuth.Configuration.dotNetDeenAuth.Core", requireBermission="fig" csection name="oauth" type="DotNetOpenAuth.Configuration.OuthElement, DotNetOpenAuth.Core", requireBermission="fig" csectionGroups csectionGroups csectionS> csectionGroups csectionS> csectionS></pre>	<pre><rr><pre></pre></rr></pre>
<pre>sectioncroup name="dotNetOpenAuth" type="DotNetOpenAuth.Configuration.DotNetOpenAuth.Core"> section name="messaging" type="DotNetOpenAuth.Configuration.MessagingElement, DotNetOpenAuth.Core"> section name="reporting" type="DotNetOpenAuth.Configuration.MessagingElement, DotNetOpenAuth.Core"> section name="reporting" type="DotNetOpenAuth.Configuration.ReportingElement, DotNetOpenAuth.Core"> section name="reporting" type="DotNetOpenAuth.Configuration.ReportingElement, DotNetOpenAuth.Core"> section name="reporting" type="DotNetOpenAuth.Configuration.BeportingElement, DotNetOpenAuth.Core"> section name="reporting" type="DotNetOpenAuth.Configuration.BeportingElement, DotNetOpenAuth.Core"> section name="reporting" type="DotNetOpenAuth.Configuration.BeportingElement, DotNetOpenAuth.Core"> section name="reporting" type="DotNetOpenAuth.Configuration.BeportingElement, DotNetOpenAuth.Core" requirePermission="faise" al sections> sectionss</pre>	<contriguration></contriguration>
<pre>cappSetTings> cadd key="aspnet:UseTaskFriendlySynchronizationContext" value="true"/> cadd key="workItemType" value="mainallinux123 technology"/> cadd key="workItemType" value="mainallinux123 technology"/> cadd key="workItemType" value="fugilr:/> cadd key="workItemType" value="System.AreaPath,System.IterationPath,System.Id,System.Title,System.State,System.Descri cadd key="workItemType" value="system.AreaPath,System.IterationPath,System.Id,System.Title,System.State,System.Descri cadd key="workItemType" value="system.areaPath,System.IterationPath,System.Id,System.Title,System.State,System.Descri cadd key="workItemProperties" value="system.areaPath,System.IterationPath,System.Id,System.Title,System.State,System.Descri cadd key="workItemProperties" value="system.orealize"/> cadd key="workSapceFolder" value="system.in minutes> cadd key="authHandler" value="http://localhost:2596/OAuthHandler.ashx"/> cadd key="TraceFile" value="http://localhost:2596/OAuthHandler.ashx"/> cadd key="TraceFile" value="http://localhost:2596/OAuthLags.txt"/> ci> cadd key="logConfig" value="http://lo.0.0.38/DevRelease/OAuthServiceProvider/OAuthHandler.ashx"/> cadd key="logConfig" value="G:\\TF5_IgwebAccess_SourceControl\\Core Development\\Codebase\\inteGREAT.web.Services\\int cimaliSettings> csmtp deliveryMethod="Network" from="steve.andrews@hotmail.com" ci catdwork host="relay-hosting.secureserver.net" port="25" userName="steve.andrews@hotmail.com" password="12345678"/> cfeeTaultProxys cortwork host="relay-hosting.secureserver.net" port="25" userName="steve.andrews@hotmail.com" password="12345678"/> cateraultProxys cortwork host="relay-hosting.secureserver.net" port="25" userName="steve.andrews@hotmail.com" password="12345678"/> contwork host="relay-hosting.secureserver.net" port="25" userName="steve.andrews@hotmail.com" password="12345678"/> contwork host="relay-hosting.secureserver.net" port="25" userName="steve.andrews@hotmail.com" password="12345678"/> contwork host="relay-hosting.secureserver.net" port="25" userName="ste</pre>	<pre><sectiongroup name="dotNetOpenAuth" type="DotNetOpenAuth.Configuration.DotNetOpenAuthSection, DotNetOpenAuth.Core"> <section <="" <section="" name="countn" requirepermission="fa" sectiongroup="" type="DotNetOpenAuth.Configuration.OAuthElement, DotNetOpenAuth.OAuth"> </section></sectiongroup></pre>
<pre><dd key="befaultcredential" value="mainal]inuxl23[technology"></dd> <dd key="befaultcredential" value="requirement"></dd> <dd key="befaultcredential" value="felg3["></dd> <dd key="workItemType" value="leg3]"></dd> <dd gaue="g</td><td><appSettings></td></tr><tr><td><pre><dd key=" key="workItemType" value="false" worktremproperties"=""></dd> <add key="worktremproperties" value="false"></add> <add key="okuthsvcEnabled" value="false"></add> <add key="okuthsvcEnabled" value="spublic%/Documents"></add> <<!-- RemoveCacheTimeOut value="spublic%/Documents"/--> <!-- RemoveCacheTimeOut value="http://localhost:2596/OAuthHandler.ashx"/--> <add key="raceFile" value="http://localhost:2596/OAuthHandler.ashx"></add> <add key="okuthHandler" value="http://localhost:2596/OAuthHandler.ashx"></add> <add key="CouchHhandler" value="http://localhost:2596/OAuthHandler.ashx"></add> <add key="CouchHhandler" value="http://localhost:2596/OAuthHandler.ashx"></add> <add key="CouchHhandler" value="http://localhost:2596/OAuthFandler.ashx"></add> <add key="CouchHhandler" value="http://lo.0.0.38/DevRelease/OAuthServiceProvider/OAuthHandler.ashx"></add> <add key="LogConfig" value="-/bin/App_Data/log4Net.config"></add> <add key="LogConfig" logconfig"="" value="setve.andrews@hotmail.com"> <add key="LogConfig" value="Setve.andrews@hotmail.com"> <and settings=""> </and></add><td><pre><add key="aspnet:UseTaskFriendlySynchron1zationContext" value="true"></add> <add key="bfaultcredential" value='mairallinux123 technology"/'> <add key="workItemType" value="requirement"></add> <add key="workItemType" value="model"></add> <add key="workItemType" value="flo1"></add> <add key="workItemType" value="flo1"></add></add></pre></td></add></add></add></add></add></add></add></add></add></add></add></add></add></add></add></add></add></pre>	<pre><add key="aspnet:UseTaskFriendlySynchron1zationContext" value="true"></add> <add key="bfaultcredential" value='mairallinux123 technology"/'> <add key="workItemType" value="requirement"></add> <add key="workItemType" value="model"></add> <add key="workItemType" value="flo1"></add> <add key="workItemType" value="flo1"></add></add></pre>
<pre><!-- DEB0G--> <dd key="OAutHHandler" value="http://localhost:2596/OAutHHandler.ashx"></dd> <add key="TraceFile" value="workItemBaseline4TF5_QLM_Logs.txt"></add> <!----> <!-- RELEASE <add key="OAutHHandler" value="http://lo.0.0.38/DevRelease/OAuthServiceProvider/OAutHHandler.ashx"/-->> <add key="LogConfig" value="~/bin/App_Data/log4Net.config"></add> <!-- cadd key="LogConfig" value="G:\\TF5_IgwebAccess_SourceControl\\Core Development\\Codebase\\inteGREAT.Web.Services\\int </apsEttings--> <smtp deliverymethod="Network" from="steve.andrews@hotmail.com"> <smtp deliverymethod="Network" from="steve.andrews@hotmail.com"> <smtp deliverymethod="Network" from="steve.andrews@hotmail.com"> <td><pre><add key="workItemProperties" oauthsvcenabled"="" value="false"></add> <add key="worksapceFolder" value="%public%/Documents"></add> <!-- RemoveCacheTimeOut value=should be given in minutes--> <add key="removeCacheTimeOut" value="1440"></add></pre></td></smtp></smtp></smtp></pre>	<pre><add key="workItemProperties" oauthsvcenabled"="" value="false"></add> <add key="worksapceFolder" value="%public%/Documents"></add> <!-- RemoveCacheTimeOut value=should be given in minutes--> <add key="removeCacheTimeOut" value="1440"></add></pre>
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<pre><detailtrroxy> <pre><pre>cproxy usesystemdefault="true"/> </pre></pre></detailtrroxy></pre>	<pre><mailsettings> <smtp deliverymethod="Network" from="steve.andrews@hotmail.com"> <smtp deliverymethod="Network" from="steve.andrews@hotmail.com"> <s+ <network="" host="10.0.0.55" password="12345678" port="25" username="steve.andrews@hotmail.com"></s+> </smtp></smtp></mailsettings></pre>
	<pre><ueraurreroxy> <pre><pre>cyroxy usesystemdefault="true"/></pre></pre></ueraurreroxy></pre>

 Save the "Web.config" file and replace the older version with the updated version at its original location (i.e. "C:\Program Files (x86)\Modern Requirements\ModernRequirements4DevOps2018 Update X\Service")

This completes the email configuration process for the Feedback Option.

FIX FOR ACTIVATION LOST AFTER THE VM MACHINE RESTART (STANADALONE)

For any general Virtual Machine (of any O.S):

1. If you're navigated to the Activation page again after license activation, as displayed below:

ModemRequirement4TF x			
← → C ^① steve:8028/license/status			☆ =
Modern Requirements4DevOps	steve.andrews@hotmail.com	Log Off	?
Vou are using Trail version, will be expired after 25 days. Activate License Select one of the following to activate your license: Imal Vername: steve andrew@hotmail.com Username: steve andrew@hotmail.com License Key: Activate Continue with trial Offline Activation Hyour machine cannot connect to the Internet, Select Activate Offline option below: Activate Offline			
Modern Requirements4DevOps 2019			

Or you're navigated there following the error message, "An error occurred while processing your request" as displayed below:

\leftrightarrow \Rightarrow C	Ordsserver:8028/License/Status
inteGf	REAT4TFS 2017
	S An error occurred while processing your request.
	⊿ Show detail
	Nesage: Canot convert null to 'bool' because it is a non-nullable value type Stack Trace: st Callista Trace: st Callista Trace: st Callista Digiect Jat ASP, Page, View, License, Status, chtml.Execute] in ci/Program Files (x66)/aDev Technologies/inteGREATFS 2017/User Interface/Views/License/Status.chtmline 12 at System: Web WebPages: WebPageSare.ExecutePageLierarchy[J) at System: WebMc/WebPages.StartPageRunPage] at System: WebWebPages.StartPageExecutePageLierarchy[J) at System: WebWebPages.StartPageRunPage] at System: WebWebPages.StartPageExecutePageLierarchy[J) at System: WebWebPages.StartPageRunPage] at System: WebWebPages.StartPageExecutePageLierarchy[J) at System: WebWebPages.StartPageExecutePageLierarchy[J] at System: WebWebPages.StartPag

- 2. Using Remote Desktop option, connect with the VM Machine where Modern Requirements4DevOps has been deployed.
- 3. Go to the Run window (by clicking the Keyboard shortcut: [<windows key> + 'R']) and typing "gpedit.msc." Refer to the screen shot below:
- 4. Go to Computer Configuration->Administrative Templates->System->UserProfiles.
- 5. Select "Do not forcefully unload the user registry at user logoff" as highlighted below.

		Local Group Policy Editor			- 🗆 🗙				
File Action View Help									
Windows Settings	Windows Settings View Profiles								
File Action View Help Mathematics Perplates Control Panel Network Printers Server Start Menu and Taskb System Action Torcess Creating Device Installation Device Redirection Disk W Cache Distributed COM Direcr Installation Early Launch Antir File Classification I File Classification I File Share Shadow File Share Shado	User Profiles Do not forcefully unload the users registry at user logoff Edit policy setting. Requirements: At least Windows Vista Description: This policy setting controls whether Windows forcefully unloads the user's registry at logoff, even if there are open handles to the per-user registry keys. Note: This policy setting should only be used for cases where you may be running into application compatibility issues due to this specific Windows behavior. It is not recommended to enable this policy by default as it may prevent users from getting an updated version of their roaming user profile. If you enable this policy setting, Windows will not forcefully unload the users registry at logoff, but will unload the registry when all open handles to the per-user registry keys are closed. If you disable or do not configure this policy setting, Windows will always unload the users registry at logoff, even if there are any open handles to the per-user registry keys at user logoff.	Setting Add the Administrators security group to roaming user profile. Delete user profiles older than a specified number of days o Do not check for user ownership of Roaming Profile Folders Turn off the advertising ID Delete cached copies of roaming profiles profiles Turn off the advertising ID Do not forcefully unload the user registry at user logoff Disable detection of slow network connection is detected Leave Windows Installer and Group Policy Software Installati Only allow local user profiles Set roaming profile path for all users logging onto this com Download roaming profiles on primary computers only Establish timeout value for dialog boxes Do not log users on with temporary profiles Maximum retries to unload and update user profile Prevent Roaming Profile changes from propagating to the s Wait for remote user profile Set the schedule for background upload of a roaming user p User management of sharing user name, account picture, a Set maximum wait time for the network if a user has a roami	State Not configured Not configured	Comment No No No No No No No No No No No No No					
Remote Assistance									
System Restore System Restore Trubleshooting a Trusted Platform M System Restore System									
22 setting(s)	Extended Standard				Acti Go to				

6. Change the setting from "Not Configured" to "Enabled," and click **Apply.** Once done, restart the VM machine and check if the issue has been resolved.

User Profiles							
Do not forcefully unloa registry at user logoff	ad the users	Setting	ors security group	to roaming user profi	State Not configured	Comment No	
Edit policy setting		Delete user profiles of the set of the se	older than a specifi	ied number of days o	Not configured	No	_
Requirements:	.	Do not	forcefully unlo	ad the users registry	y at user logoff	- • ×	<
Description:	Do not	forcefully unload the users	registry at user lo	goff Previous	Setting Next Se	etting	
This policy setting con Windows forcefully unl	O Not Con	nfigured Comment:				^	
user's registry at logoff, are open handles to the	Enabled	1					
registry keys.	 Disabled 	9				~	-
Note: This policy settin be used for cases where		Supported on:	At least Window	ws Vista		^	
running into applicatio compatibility issues du	Ontions			H ala:		~	
specific Windows beha recommended to enab	Options:			neip:			
from getting an update			This policy setting controls whether Windows forcefully unloads the user's registry at logoff, even if there are open handles to the				
If you enable this policy				per-user registry keys.			
Windows will not force the users registry at log			you may be running into application compatibility issues due to				
unload the registry whe handles to the per-user				this policy by default	as it may prevent use	rs from getting an	
are closed.				If you enable this poli	en roaming user pror	will pot forcefully	
If you disable or do not policy setting, Window				unload the users regis	try at logoff, but will	unload the registry	
unload the users registe even if there are any op				If you disable or do no	ot configure this polic	cy setting Windows	
the per-user registry ke logoff.				will always unload the any open handles to t	users registry at logo he per-user registry k	off, even if there are sevs at user logoff.	
							~
					3	2	
					UK	Cancel Apply	

If VDI (Virtual Desktop Infrastructure) has been implemented, follow these steps:

- 1. Using Remote Desktop option, connect with the VM Machine where Modern Requirements4DevOps has been deployed.
- 2. Go to the Run window and type %public%.
- 3. Select the "Public Documents" folder.
- 4. Confirm that the following file exists in the folder:
 - "username.bin" in case offline activation was done by the user
 - "username.orf" in case online activation was done by the user
- If Yes, kindly mention this in your email along with the log files (<Default Drive>:\inetpub\wwwroot\walog) at: <u>support@edevtech.com</u>
- 6. If No, please ask the VDI administrator to share the image of VM after activating the license from all users. That image will be present on all licensing information.

HOW TO UPDATE THE WINDOWS CREDENTIALS FOR MODERN REQUIREMENTS4DEVOPS

During the installation of Modern Requirements4DevOps, user login credentials are <u>provided</u>. These Windows credentials are saved in the Modern Requirements4DevOps settings and are used while running the application. If you change your Windows password after the installation, these settings become obsolete and you may face problems running the application. For a seamless operation of Modern Requirements4DevOps, the saved settings of the Windows credentials should be consistent with the current Windows credentials. If you change your password after installing Modern Requirements4DevOps, take the following steps to update the saved settings:

1. Invoke **inetmgr** through Windows's Run command/Start Menu.

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Programs	(1)			
🍓 <u>inetm</u>	gr			
Files (3) -				_
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🖳 <u>Requi</u>	rementsToolkit4T	FSInstallationG	uide.docx	
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inetmgr		×	Shut down 🕨	error in
				/eb A
	2			

2. Expand the node in the panel of the IIS Manager on the left-hand side.



3. Select the Application Pools option.

🛐 Internet Information Services (IIS) Manager		
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File View Help		
Connections	V/F Home	Actions
	VEHOILE	Manage Server
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ASP.NET		Stop
		View Application Pools
.NET Authorizat	.NET .NET Error .NET .NET Trust Application Connection Machine Key Pages and Providers Session State SMTP E-mail Compilation Pages Globalization Levels Settings Strings Controls	View Sites
FTP	· · · · · · · · · · · · · · · · · · ·	Deploy (A)
	🔍 📅 🔐 📲 🖺 🖻 😭 🚨 🜆	Import Server or Site Package
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ASP	Authentic Authorizat CGI Compression Default Directory Error Pages Failed FastCGI Handler HTTP Rules Document Browsing Request Transitions Regiment	
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Features View	aw 🙀 Content View	
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4. Select **inteGREAT4TFSsrv** and click **Advanced Settings...** under **Edit Application Pool** on the right-hand side.

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C DAVE > Application Pools	📴 🖂 🏠 🔞 •						
File View Help							
Connections Image: Application Pools Provide and provide include and provide and provide include and provide include and provide include and provide and provide include and provide a	Actions Add Application Pool Set Application Pool Defaults Application Pool Tasks Start Start Start Recycle Edit Application Pool Basic Settings Pecycling Rename X Remove View Applications Help Online Help						
m Features View Content View Ready	• <u>.</u>						

5. Select the **Identity** option under the **Process Model** section and click the ... button.

Adv	anced Settings	<u> </u>
	(C)	
E	(General)	
	NET Framework Version	v4.0
	Enable 32-Bit Applications	True
	Managed Pipeline Mode	Integrated
	Name	inteGREAT4TFSServiceAppPool
	Queue Length	1000
	Start Automatically	True
E	СРО	
	Limit	0
	Limit Action	NoAction
	Limit Interval (minutes)	5
	Processor Affinity Enabled	False
	Processor Affinity Mask	4294967295
E	Process Model	Step 2
	Identity	Dave
	Idle Time-out (minutes)	40
	Load User Profile	True
	Maximum Worker Processes	1
	Ping Enabled	True 👻
I [a S	dentity identityType, username, password] s built-in account, i.e. Application ervice, Local System, Local Service,	Configures the application pool to run Pool Identity (recommended), Network , or as a specific user identity.
		OK Cancel

6. Select the **Custom account** option and click the **Set...** button.

La (General)	
Eachine 22 Bit Applications	V4.0
Enable 32-Bit Applications	True
Managed Pipeline Mode	Integrated
Name	InteGREA141FSServiceAppPool
Queue Length	1000
Start Automatically	True
oplication Pool Identity	L A
© <u>Custom account</u>	
© <u>Custom account</u> Dave	Step 2
<u>Custom account</u> Step 1 Dave	Step 2
© <u>Custom account</u> Dave [identityType, username, passwo as built-in account, i.e. Applicati Service, Local System, Local Serv	OK Cancel

7. Enter the latest *Windows credentials and click **OK**.

Set Credentials		? ×
User name:		
Technology\Dave		
Password:		
•••••		
Confirm password:		
•••••		
	ок	Cancel

*The User name should be given in the format of <Domain\Username> as displayed in the image above. The settings will be saved by clicking OK.

8. Start **inteGREAT4TFSsrv** by clicking **Start** under the **Application Pool Tasks** on the right-hand side of the panel.

💱 Internet Information Services (IIS) Manager	
S O DAVE > Application Pools	📴 🖂 🏠 🔞 •
File View Help	
Connections Application Pools Application Pools Application Pools Stees Application Pools Application Pools Stees Application Pools Application Pools	ctions Add Application Pool Caluts Application Pool Tasks Application Pool Tasks Application Pool Basic Settings Recycling Recycling Remove View Applications Help Online Help
Ready	91.:

Close all windows to complete the process.

HOW TO USE TEAM CONTEXT IN TFS 2019

Normally users access an Azure DevOps Project as a whole, however if different teams are to be given access to relevant portions of the project then users have to configure this setting as elaborated in the following steps:

1. Invoke inetmgr through Windows's Run command/Start Menu.



2. Expand the node on the left-hand side of the panel of the Internet Information Services (IIS) Manager.

💱 Internet Information Services (IIS) Manager	
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File View Help	
File View Help Concestions Image: Davie Im	tions Manage Server Restart Start Start Start Stop View Application Pools View Stes PpDy Context Package Thingot Server or Site Package Change.NET Framework Version Help Online Help
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Ready	• 1 .:

© 2020 Modern Requirements

3. Expand the **Sites** node.



4. Select Modern Requirements4DevOps 2019 Update 1 node.



5. Select the **Application Settings** option in the middle panel.

💱 Internet Information Services (IIS) Manager		
DAVE >		😰 🛛 🟠 🔞 🗸
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Connections DAVE Connections DAVE Connections Connec	Modern Requirements4DevOps 2019 Update 1 Home Filter: • • • • • • • • • • • • • • • • • • •	Actions Explore Edit Permissions Edit Site Bindings Besic Settings View Applications View Virbut Directories Manage Website Start Start Stop
	IIS Authentic Compression Default Caching Maguest Caching MIME Types Maguest Caching Mime Types Maguest Caching Mime Types Maguest Caching Mime Types Maguest Caching Mime Types Maguest Caching Mime Types Maguest Caching Mime Types Mime Types	Stop Browse Website Browse:8028 (http) Advanced Settings Configure Limits Add FTP Publishing Help
Ready		•= .:

6. Double-click on the Embed.Tfs2019 option in the list.

😋 Internet Information Services (IIS) Manager						
Co Co Si Ave ►						🖸 🖄 🔞 🕶
File View Help						
Connections						Actions
2	Application	Settings				Add
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- 2 Application Pools	ose this feature to store han	re and value pairs that mane	igea coae applications can a	se acronome.		• · · · · ·
V 🙆 Sites	Group by: No Grouping	•				
Modern Requirements4DevOps 2019 Update 1	Name	Value	Entry Type		<u>^</u>	
> 👵 Modern Requirements4DevOps 2019 Update 1 Servic	AppContentPath	%temp%	Local			
> 😌 Team Foundation Server	aspnet:MaxJsonDeseriali	214/483044	Local			
	AutoSaveDuration	1	Local			
	Baseline.CopyLimit	1500	Local			
	Baseline.ShowGenerateB	false	Local			
	Baseline.ShowSmartWor	false	Local			
	BingAPIKey	5e7b31fa306944e0a4f19	Local			
	BingAPIServiceEndpoint	https://api.cognitive.mi	Local			
	BingSpeechAPIKey	bbd8911eb97442e1bc85	Local			
	ClientValidationEnabled	true	Local			
	ConfigurationStateFields	Standalone, OM	Local			
	Embed.AdminPanel.Allo	true	Local			
	Embed Tfs2019	false	Local			
	EnableFeedBack	true	Local			
	EnableOAuth	false	Local			
	FolderFileFromServer	true	Local			
	LogConfig	~/App_Data/log4Net.co	Local			
	OAuth.VSO.UserTokens	VSOUserTokens_dev.json	Local			
	Persistence.RedisCache	localhost:6379,DefaultD	Local			
	PreserveLoginUrl	true	Local			
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7. Set value to "**true**" and click the **OK** button.

Edit Application Setting	?	×
Name:		
Embed.Tfs2019		
Value:		
true		
ок	Cancel	

8. Close IIS Manager.

💱 Internet Information Services (IIS) Manager						
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🗸 📓 Sites	Group by: No Grouping	-				
> 🚯 Default Web Site	Name	Value	Entry Type		^	
Modern Requirements4DevOps 2019 Update 1	AppContentPath	%temp%	Local			
Modern Requirements4DevOps 2019 Update 1 Servic	aspnet:MaxJsonDeseriali	2147483644	Local			
> Team Foundation Server	ASPNetWebOptimisatio	true	Local			
	AutoSaveDuration	1	Local			
	Baseline.CopyLimit	1500	Local			
	Baseline.ShowGenerateB	false	Local			
	Baseline.ShowSmartWor	false	Local			
	BingAPIKey	5e7b31fa306944e0a4f19	Local			
	BingAPIServiceEndpoint	https://api.cognitive.mi	Local			
	BingSpeechAPIKey	bbd8911eb97442e1bc85	Local			
	ClientValidationEnabled	true	Local			
	ConfigurationStateFields	Standalone,OM	Local			
	Embed.AdminPanel.Allo	true	Local			
	Embed.Tfs2018	false	Local			
	Embed.Tfs2018	true	Local			
	EnableFeedBack	true	Local			
	EnableOAuth	false	Local			
	FolderFileFromServer	true	Local			
	LogConfig	~/App_Data/log4Net.co	Local			
	OAuth.VSO.UserTokens	VSOUserTokens_dev.json	Local			
	Persistence.RedisCache	localhost:6379,DefaultD	Local			
	PreserveLoginUrl	true	Local			
	ProductVersion	version1	Local			
	RecentProjectsCount	10	Local			
	Review.RulesApproveAs	true	Local		*	
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Users can now select the relevant team of their desired project and it becomes visible in the User Interface.

		-		×
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Sevent back Sevent back Online Authoring of Requirement occurrents on the basis of defined Template Temp Add New or Existing WorkItems from Server O O Cenerate Requirement from Smart Docs State O O O O O O O O O O O O O	15 h 2 15			

Note: By enabling the "Team" drop down, MR application will not work in 'Internet Explorer' and 'Edge' browsers.

HOW TO CONFIGURE LOAD BALANCING FOR MODERN REQUIREMENTS4DEVOPS

This section describes the configuration process of load balancing for Modern Requirements4DevOps using detailed steps. It acts only as a framework to show how to configure load balancing for Modern Requirements4DevOps. Installation steps are not covered here. For installation steps of individual applications, refer to their respective sections in the guide.

The configuration process consists of the following seven steps:

- 1. Setup/Install the desired load balancing environment.
- 2. Install Modern Requirements4DevOps on all servers.
- 3. Configure the shared network drive for shared workspace.
- 4. Install/configure the shared Redis server.
- 5. Change the User Interface Configuration file (web.config).
- 6. Change the Service Configuration file (web.config)
- 7. Repeat steps 5 and 6 for all servers on which Modern Requirements4DevOps has been installed for load balancing.

While most of the steps are straightforward, steps 5 and 6 are described in further detail below. Also note that both of these steps refer to different files with same name.

CHANGE THE USER INTERFACE CONFIGURATION FILE

File Home Share View					~ (
in to Quick access Copy Paste Clipboard	hortcut Hore Copy to Copy to Organize	New item •	Properties	pen - Select all it Select none story I Invert selection Select	
← → → ↑ 🚺 « Modern Req	uirements > Modern Requirements4DevOps	2019 > User Interface >	v ©	Search User Interface	Q
ConeDrive	Name	Date modified	Туре	Size	
	App_Data	10/01/2019 4:48 PM	File folder		
This PC	Areas	10/01/2019 4:48 PM	File folder		
🧊 3D Objects	bin	10/01/2019 4:48 PM	File folder		
🧾 Desktop	Content	10/01/2019 4:48 PM	File folder		
🔮 Documents	Discover	10/01/2019 4:48 PM	File folder		
🕹 Downloads	fonts	10/01/2019 4:47 PM	File folder		
h Music	Scripts	10/01/2019 4:48 PM	File folder		
E Picturer	Views	10/01/2019 4:48 PM	File folder		
	ApplicationInsights.config	31/12/2018 6:52 PM	CONFIG File	8 KB	
Videos	📔 favicon.ico	13/08/2018 12:21	lcon	32 KB	
Local Disk (C:)	📄 Global.asax	13/08/2018 12:21	ASAX File	1 KB	
🕳 Local Disk (E:)	packages.config	18/10/2018 6:21 PM	CONFIG File	6 KB	
- Local Disk (E)	Web config	10/01/2019 4-48 PM	CONFIG File	34 KB	

The location of this file in Program Files is highlighted in the following image:

To complete this step carry out the following elementary steps:

- 1. Open the **Web.config** file (as mentioned above) in editable mode.
- Edit the following to set the shared drive *path: <add key="AppContentPath" value="<shared drive path>" />

* The shared drive path is setup in step 3 of the overall configuration process (mentioned in the previous section).

- 3. Comment the SessionState timout command as the following: <!--<sessionState timeout="40" />-->
- 4. Uncomment the following section:

- 5. In the above section, set customProvider value to "RedisCacheAzure01".
- Make the following comment in the section above: <add name="LocalRedisCacheAzure01" type="Microsoft.Web.Redis.Redis.........
- Set the Redis host, port and access key (password) value in the following line of the above section: <add name="RedisCacheAzure01" type="Microsoft.Web.Redis.Redis..........

CHANGE THE SERVICE CONFIGURATION FILE

The location of this file in Program Files is highlighted in the following image:

n to Quick access Copy Copy Paste Cipboard	path shortcut Move Copy to Vote Copy to Vote Copy to Vote Rename Organize	New item •	Properties • Open •	Select all Select none Invert selection Select	
- 🔿 👻 🛧 📃 « Modern Re	quirements > Modern Requirements4DevOps	2019 > Service >	✓ [™] Sea	rch Service	P
This PC	Name	Date modified	Туре	Size	
3D Objects	App_Data	10/01/2019 4:48 PM	File folder		
Deskton	bin	10/01/2019 4:48 PM	File folder		
	Resources	10/01/2019 4:47 PM	File folder		
	- Services	10/01/2019 4:48 PM	File folder		
- Downloads	ApplicationInsights.config	28/12/2018 8:58 PM	CONFIG File	8 KB	
J Music	FlxCore.dll	13/08/2018 12:21	Application extens	2,524 KB	
E Pictures	FlxCore64.dll	13/08/2018 12:21	Application extens	3,392 KB	
😽 Videos	📄 Global.asax	13/08/2018 12:21	ASAX File	1 KB	
🟪 Local Disk (C:)	packages.config	18/10/2018 6:21 PM	CONFIG File	3 KB	
Local Disk (E:)	Web.config	10/01/2019 4:48 PM	CONFIG File	30 KB	
🔔 Local Disk (F:)	7				

To complete this step, carry out the following elementary steps:

- 1. Open the **Web.config** file (as mentioned above), in editable mode.
- Set the shared drive path for the workspace folder key (the same path assigned in step 3) <addkey="WorkspaceFolder" value="%public%Documents">
- Set the EnableLoadBalancer key value to "true":
 <addkey="EnableLoadBalancer" value="true">
- 4. Set the Redis storage value host, port and *password

<add key="Persistence.RedisCache.ConnectionString" value="localhost:6379,DefaultDatabase=2,Password=,ssl=false" />

*Note: The values for these attributes are determined while installing Redis Server in step 4 of the overall configuration process (mentioned at the beginning of this section).

HOW TO CHANGE THE COLOR (RGB) VALUE FOR A WORK ITEM

You can change the color for a work item by performing the following steps:

- 1. Go to the location <Modern Requirements4DevOps Installation Drive>:\Program Files\Modern Requirements\Modern Requirements4DevOps 2019\User Interface\App_Data
- 2. Open the file ColorCodeMapping.xml in Notepad.



- 3. Change the desired color code for a work item.
- 4. Save the file. If you don't have admin rights save the file on desktop and replace it with the existing file in the same folder.
- 5. Restart IIS.

HOW TO UPDATE THE WORK ITEM TYPE FOR SIMULATION, DIAGRAM AND USECASE

Default mapping is embedded in the application to support the "Work Item to File Type" functionality. When you create a new file, a page work item is also created in the connected team project in accordance with the work item type stated in this file.

Complete the following steps to update the work item type of a page work item:

- 1. Access the following path: <Windows installation folder>\Program Files\Modern Requirements\Modern Requirements4DevOps 2019\Service\App_Data
- 2. Look for the XML file 'WIToFileTypeMapping' in the folder and open it.
- Look for the field '<WorkItem id="<WI Type>" />' in the respective module section and update the "<WI Type>" value accordingly.



- 4. Save the file at some other location (e.g. desktop).
- 5. Copy the file from the saved location and paste it in the same installation folder (as mentioned earlier in step 1)
- 6. Restart the application service from IIS Manager. Refer to Appendix for process details.
- 7. Log in to the application.
- 8. Type "inetmgr" on the Run command.

The IIS Manager window will open.



9. In the IIS Manager window, select the **Modern Requirements4DevOps 2019 Service** option on the left-hand side.

File Mars Hale		
Connections	Modern Pequirements (DevOps 2010 Service Home	Actions
DAVE Application Pools Setes Go Default Web Site Moder Requirements/Dex/Ops 2019 Moder Requirements/Dex/Ops 2019 Team Foundation Server	Filter: • Concision Machine Key Pages and Providers Session State SMIP E-mail	Captore Edit Permissions Edit Site Bindings Bissi Settings View Applications View Virtual Directories Manage Website Captor Restart b Start
	IS Authentic Compression Default Decument Modules Modules Configurat Editor Decument Decument Decument Decument Decument Decument Brow Pages HTTP Mappings Error Pages HTTP Mappings SL Settings SL Settings SL Settings Configurat	Stop Browse Website Growse:8027 (http) Advanced Settings Configure Limits Add FTP Publishing O Help

10. Look for the section called **Manage Web Site** on the right-hand side of the panel. Click **Stop** followed by **Start**.



HOW TO CHANGE THE LOCATION OF THE BASELINE FILE

Modern Requirements4DevOps creates a local working folder on the machine where Modern Requirements4DevOps is installed. The path can be changed but this one is recommended when you're installing and using Modern Requirements4DevOps for the first time.

By manually changing the location of Modern Requirements4DevOps folder (different then that used during the existing installation), all existing created project data and files will become inaccessible. This approach isn't going to work for the existing projects by just copying existing content to new location. Changing any existing file or removing it from the location might corrupt the whole project data.

The following steps need to be performed to update the location:

- 1. Go to the location : <Modern Requirements4DevOps Installation Drive>:\Program Files\Modern Requirements\Modern Requirements4DevOps 2019\Service
- Open "web.config" file, find the following tag : <add key="WorksapceFolder" value="%public%/Documents"/>
- 3. Update the value of "WorkspaceFolder" with the required location**.
- 4. Save the web.config file.
- 5. Restart the IIS service.

**A location can be a shared Data Drive, or a separate drive/folder.

P.S: By doing this with the existing installation, all existing created project data and files will be inaccessible.

HOW TO DELETE OBSOLETE NFR TEMPLATES FROM FAQ MODULE

The obsolete NFR templates of the FAQ module appear when you try to create a new topic in the FAQ Module.

Modern Requirement	s4DevOps 2019 / Help Pro	ject			
HOME ELICIT DEFINE	MANAGE ANALYZE				
New 👻 🖒	NEW FILE				
Draft	Name				
Recent	<enter here="" title=""></enter>				
∡ Topic	🗋 Basic	Aa	Aa		
Security Access Ques	NFR NFR				
	Deration				
	Revision	Access Security	Availa		
	Transition	Aa	Aa		

These templates appear due to a folder created during the installation of older versions of Modern Requirements4DevOps (at that time called inteGREAT4TFS). The following folder needs to be manually deleted by the users to get rid of these obsolete templates:

C:\Users\Public\Documents\inteGREAT4TFS\QWizard Templates\NFR



After deleting the folder you should re-sign in or refresh the application to confirm the disposition of the obsolete templates.



THE DEPLOYMENT INSTRUCTION PAGE APPEARING INSTEAD OF THE LICENSE STATUS PAGE (EMBEDDED)

For the embedded version, you may check the status of the license for Modern Requirements4DevOps by entering the following URL:

<machine name>:8028/License/Status e.g. steve:8028/License/Status. This URL usually displays the status page similar to the one shown below.

Ē 🗄 🕻	J Modern I	Requiremer	nts4 × -	- ~											-		×
$\leftarrow \rightarrow$	Ŭ 1	â (D tfs4ever	yone.com/tfs/T	rial_Azure_Collection	n/_apps/h	ub/edevtech-mr.iGV	SO-OnPrem.colle	ction-level-admin	n-hub			☆	☆	h	É	
Ċ	QA Tes	ting	~ Proje	ects My far	vorites My wor	k items	My pull requests	s @							-	۲	
Overview	Users	Security	Process	Build and R	Release Agent P	ools D	eployment Pools	Notifications	Extensions	Mo	dern Requireme	ents4DevOps	_				
Modern Build versio	Requirer n: 16.8.1	ments4D	evOps 20	119													
Licensing	General	Review	Baseline	Services													
LICENS	E STATU	S															
Your Pro License t License c Sync Lice	Iduct is Ad Internation in Inse Cle	CTIVATED ILINE. s PERMAI ar License). NENT.]														

You may come across a situation where, instead of the license status page, the deployment instruction page is displayed as shown below.

Requirements	Modern Requirements4DevOps Customization & Troubleshooting Guide	Modern Requirements 4 DevOps
Modern Requirements	4x	
\leftarrow \rightarrow C (i) steve:802	8/VSOInteGreat4TFS/EmbedOMInstructions	☆ :
		<u>^</u>

Something went wrong

Follow these instructions to generate TFS Extension file and deploy it to complete the installation

TFS Extension Maker v0.1.2 - Modern Requirements	×	
Please specify inteGREAT URI to generate VSIX file on output directory		
inteGREAT URI http://steve:8028		
Output Directory C:\Users\steve\Desktop	Browse	
IX will be generated successfully and VSIX will be selected		
IX will be generated successfully and VSIX will be selected TFS Extension Maker v0.1.2 - Modern Requirements	×	
SIX will be generated successfully and VSIX will be selected TFS Extension Maker v0.1.2 - Modern Requirements Please specify if Info	×	
SIX will be generated successfully and VSIX will be selected TFS Extension Maker v0.1.2 - Modern Requirements Please specify if Info Info Info Info Info Info Info Inf	×	

This situation occurs when you're using Visual Studio Team Services, but haven't used any of the Modern Requirements4DevOps modules in the current session yet. In other words, you have been using the container environment but haven't actually used Modern Requirements4DevOps so far. Therefore the status check for the license won't work in this scenario. But after you click any of the Modern Requirements4DevOps modules this problem won't persist.

"UNEXPECTED ERROR" MESSAGE (STANDALONE)

Occasionally you may come across the "unexpected error" message as displayed in the following image.

Sign In	×				
	secure steve:8028				┦☆ :
	Workitems	Baseline	Document	Modern Requirements*	4 DevOps
			Management	TFS Server URL	
Traceability				asif.sharif@edevtech.com	
Jos				User Domain (Optional)	
				Keep me signed in Sign in as stakehold	der
		tes-		Sign In	Having trouble signing in?
	Review		Simulation	An unexpected error is occurred. Click here to	view error details.
	Management	Usecase			
\rightarrow					
L					

The solution to this error starts at the same Sign-in page.

1. Open the **Click here** link, as shown below.

Sign In X		
\leftrightarrow \rightarrow C 🛈 Not secure steve:8028		┦☆ :
Workitems	Baseline	Modern Requirements 4 DevOps
	Management	TFS Server URL
Traceability		asif.sharif@edevtech.com
		User Domain (Optional)
		Keep me signed in Sign in as stakeholder
	- <u>i</u> 2	Sign In Having trouble signing in?
Review	Simulation	An unexpected error is occurred. Click <u>here</u> to view error details.
Management	Usecase	

You'll be taken to the Diagnostics page which briefly describes the precise root cause of the error.

2. Open the click here for solution link.

ModemRequirement4TF: X C steve8028/User/Applicar X	
← → C ③ steve:8028/User/ApplicationStatusDiagnostic	☆ :
Modern Requirements4DevOps 2019	
Modern Requirements4DevOps 2019 Diagnostics	
Application Service is unavailable click here for solution Exception: Application service is not running.	

You'll be redirected to the solutions page, where you can browse through the detailed solution for the relevant root cause of the error.

G G smarte	omcetts answerbase.com/z190024/trror-Kedis-is-not-available-in-system-Llick-here-to-install#answer2190026	
By	eqirements edeviech	
Ask your que	stion here Ask Home Login Register	Search SEARCH
Asif Sharif	Error: Redis is not available in system. Click here to install. Error message displayed on inteGREAT4TFS login page "Redis is not available in system. Click here to install." inteGREAT4TFS > Login Oct 18, 2016 - 03:20 AM	Browse by Topic Installation and Licensing MSDN Benefit SmartWord4TFS SmartWsigidTFS
- Staff Ane	Do you have the same question? Follow this Question ANSWER THIS QUESTION Report it	SmartExcel4TFS SmartOutlook4TFS inteGREAT4TFS How to post Ticket or Log Issue
Asif Shari	Oct 18, 2016 - 03.21 AM Redis is pre-requisite for inteGREAT4TFS. This message occurs due to reasons given below. When Redis is not installed on your system. When Redis is installed but not configured with inteGREAT4TFS. When Redis service is stopped. If Redis is not installed on your system, you can install if from the link given in error message separately. Or it could be installed with inteGREAT4TFS installation. If Redis is already installed on your system. Either you can uninstall it and install it with inteGREAT installation wizard using option given OR during installation user can select option to use existing Redis with inteGREAT installation system IP & Redis port. If Redis service is not can Stari it from Services window: 1) Open Run command. 2). Write "Services msc", click "OK" 3)- From list of services select Redis service and from right click menu option click "Start". 4)- Go back to Run command. 5). Write "inetmgr" and click "OK", 6)- IIS Manager window would be displayed. 7)- From left panel with tille "Connections", click on "Application Pools" and Restari it to restari whole IIS services.	Centrela Recently Active Members Asif Sharif 2.426 Tools Help O
	Thanks Hammad Comments (1) New Comment 0 🍎 0 🐢 Report it	Share This Page

3. Follow the solution provided in the answer to solve the problem in question.

"IIS VERSION IS LOWER.." ERROR

If you encounter the following error message "ModernRequirements4DevOps cannot be installed on system with IIS Services version lower than 7.0" during installation, there could be multiple reasons for it.

- 1. IIS isn't installed on the targeted machine (on which you're trying to install Modern Requirements4DevOps).
- 2. IIS hasn't been properly or completely installed on the machine.
- 3. IIS has been properly installed but the version installed is below Version 7.0.

In these scenarios it's recommended to install IIS Manager completely for the successful installation of Modern Requirements4DevOps. Additionally, the IIS version installed should be greater than Version 7.0.

"400 BAD REQUEST" ERROR (EMBEDDED)

Internet Explorer by default doesn't allow storing cookies of sites which are inside the IFrame and have a different domain from the parent site. The embedded version of Modern Requirements4DevOps has an architecture where the parent site is https://*.visualstudio.com and IFrame site used is https://modernrequirements.info. This issue, however, is limited to Internet Explorer only. Firefox & Chrome don't show any problems in such scenario. To overcome this issue we need to direct IIS to send a custom header with every response it sends. This needs to be done on every IIS where Modern Requirements4DevOps will be deployed in the embedded version. The following steps are required to solve this issue:

- 1. Open IIS Manager.
- 2. Select the server name in Root.



- 🔄 Internet Information Services (IIS) Manager - 0 **- X** 🕢 🕢 🥞 🕨 DAVE 🕨) 🔤 🖂 🙆 🔞 File View Help Connections Actions DAVE Home Manage Server Manag Restart Start Stop DAVE Filter: ASP.NET 🕶 🔐 Go 👒 🥁 Show All | Group by: Area -.NET .NET Authorizat... Compilation .NET Trust Levels Machine Key Pages and Controls Roviders Session State SMTP E-mail ٢ ab 404 1 View Application Pools .NET Error .NET Pages Globalization Application Settings Connection Strings View S Deploy FTP -Export Server Package. FTP Authentic FTP IPv4 Address a.. FTP FTP Messages FTP Authorizat.. FTP Directory FTP Firewall Browsing Support FTP Logging FTP SSL Settings FTP Request Filtering FTP User Isolation Tmport Server or Site Packa Change .NET Framework Version 🕜 Help IIS — Online Help Authentic... ASP Ð HTTP Redirect CGI 1 e 1 Default Document 404 2 CGI Compression Authorizat.. Rules Directory Browsing Error Pages Failed Request Tra... FastCGI Settings Handler Mapping: 3 **P** 2 15 3 **}** 4 8 **@** HTTP Response Headers IP Address ISAPI and ISAPI Filters Logging MIME Types Modules and Doma... CGI Restri... Output Caching Request Filtering Server Certificates WebDAV Authori... Worker Processes Feature Shared Delegation Configurat... Configurat... Editor Features View 💦 Content View Ready
- 3. Open the HTTP Response Headers option by double-clicking it.

4. Click the Add... option in the Actions panel.

🐨 🖓 > DAVE >	.
	7
File View Help	
Connections Actions Image: Sector S	
Group by: No Grouping • Q Help	
Name Value Entry Type	
ASP.NET Local Testures View & Content View	
Ready	• <u>1</u> .:

- 5. Enter the following values and click **OK**.
 - Name = **p3p**
 - Value = CAO PSA OUR

internet Information Services (IIS)	Manager			
DAVE >				😰 🛛 🟠 🔞 🔹
File View Help				
Connections	HTTP R Use this feature to co Group by: No Gro Name X-Powered-By	esponse Hea onfigure HTTP head uping • Value ASP.NET	ers that are added to responses from the Web server.	Actions Add Set Common Headers Help Online Help
4 <u> </u>	Features View	Content View	Name p3p Yalue: CP="CAO PSA OUR" OK Cancel	
Keady				*1 .:

6. Again click the server name in Root.

🛐 Internet Information Services (IIS)	Manager					
DAVE >						😂 🛛 🟠 🔞 🗸
File View Help						
Connections	HTTP R Use this feature to co	esponse Heade onfigure HTTP headers t	'S at are added to responses from the '	Veb server.		Actions Add Set Common Headers
	Group by: No Grou	iping •				Online Help
< >	Name p3p X-Powered-By Features View	Value CP="CAO PSA OU ASP.NET	Entry Type			
Ready						•1.:

7. Restart IIS.



ENABLING HTTPS

By default the Modern Requirements4DevOps service runs on port 8028, hence to access the service <Host Name>:8028 is written in the browser. Users have the option to use a port of their choice using the following steps:

1. Invoke the Internet Information Services (IIS) Manager using "inetmgr" in Window's Run command.



2. Expand the root node.

💐 Internet Information Services (IIS) 1	Manager	
G S S AVE >		🖬 🛛 🖓 🔞 🗸
File View Help		
Connections		Actions
2	DAVE HOME	Manage Server
DAVE	Filter: • 🗑 Go - 🕁 Show All Group by: Area • 🖾 •	Start
		Stop
		View Application Pools
	. NET .NET INET Trust Application Connection Machine Key Pages and Providers Session State SMTP E-mail Authorizate. Compilation Pages Globalization Levels. Settings Strings	View Sites
	FTP	Deploy 🔿
		Export Server Package
	tren tern tern tern tern tern tern tern	Change .NET Framework
	Authentic Authorizat Browsing Support Address a Messages Filtering Settings Isolation	Version
	IIS	Online Help
	ASP Authentic Authorizat CGI Compression Default Directory Error Pages Failed FastCGI Handler HTTP	
	Rules Document Browsing Request Ira Settings Mappings Redirect	
	HTTP IP Address ISAPI and ISAPI Filters Logging MIME Types Modules Output Request Server WebDAV Worker Reson, and Doma, CGI Restri, Processes	
	Management	
	Editor Delegation Configurat	
	Easturar View in Contant View	
Ready		G .

3. Expand the **Sites** node.



4. Right click on the Modern Requirements4DevOps 2019 option.



- Requirements Modern Requirements4DevOps Customization & Troubleshooting Guide Modern Requirements4DevOps
 - 5. Select the **Edit Bindings...** option from the drop down menu.



6. Click the **Add** button from the **Site Bindings** dialogue box.

🝓 Internet Information Services (IIS) Manager		- 🗆 X
🗧 🗧 😜 🕨 DAVE 🔸 Sites 🔸 Modern Requirements4	DevOps 2019 🕨	😡 🖄 🔞 •
File View Help		
Connections	Madern Pequirements (DevOne 2010 Llame	Actions
DAVE	Filter:	Edit Permissions
→ ② Application Pools ✓ ③ Sites > ③ Default Web Site > ④ Modern Requirements4DevOps 2019	ASP.NET Site Bindings ? X	Edit Site Bindings Basic Settings
 Modern Requirements4DevOps 2019 Service rvice Team Foundation Server 	A Type Host Name Port IP Address Binding Informa Add	View Applications View Virtual Directories
	M A Close	Manage Website Restart Sant Stop Browse Website Browse Mobile Frowse Mobile Configure Limits Add FTP Publishing Add FTP Publishing Melp
Ready	Configurat Editor	

7. Change type from **http** to **https**.

Add Site Binding				ĩ	?	×
<u>Type:</u> http http https net.tcp net.msmq msmq.formatname net.pipe ftp	IP address: All Unassigned		P <u>o</u> rt: 80			
		C	DK	Ca	ncel	

8. Provide any suitable port number.

Add Site Binding	?	Х
Type:IP address:Port:https~All Unassigned~		
Host name:		
Require Server Name Indication		
SSL certificate:		
Not selected \checkmark Select	View	
ОК	Cancel	

9. Select the desired SSL certificate.

Add Site Binding		?	×
Type: IP address: https IIP address: All Unassigned Host name: Require Server Name Indication	Port:		
SSL certificate:			
Not selected V	Select	View	
Not selected			_
IIS Express Development Certificate WMSVC-SHA2	OK	Cancel	

10. Click **OK** button.

Add Site Binding	?	Х
Type: IP address: Port: https All Unassigned 443 Host name:		
SSL certificate: IIS Express Development Certificate V Select	View	
ок	Cancel	

From now on Modern Requirements4DevOps would run using the new url in the format https://<host name>:<port number>

Sign In 🛛 🗙				-		×
← → C 🗅 https://steve	::443					:
	Workitems	Baseline	Deserved	Modern Requirements 4 DevOps		
			Management	TFS Server URL		
				User ID		
Traceability				Password		
				User Domain (Optional)		
	Review Management	Usecase	Simulation	Keep me signed in Sign in as stakeholder (review mode) Sign In Having trouble signin	g in?	

CHROME CONFIGURATION FOR HTTPS USERS

For the users who use HTTPS in Chrome browser (to access Modern Requirements4 DevOps), a couple of configurations need to be updated, for the application to run seamlessly. Following is the process:

1. Locate and open **Web.config** file in the Modern Requirement's installation folder, as mentioned in the following image.

- I						×
File Home Share	View					~ 🕐
← → ~ ↑ 📙 « Pro	gram Files » Modern Requirements » Modern	Requirements4DevOps 202	0 → User Interface	ٽ ~	Search User Interface	Q
My Documents 🔨	Name	Date modified	Туре	Size		
OneDrive	App_Data	27/01/2020 1:47 am	File folder			
	Areas	27/01/2020 1:47 am	File folder			
This PC	🔒 bin	27/01/2020 1:47 am	File folder			
🗊 3D Objects	Content	27/01/2020 1:47 am	File folder			
Cesktop	Discover	27/01/2020 1:47 am	File folder			
Documents	fonts	27/01/2020 1:47 am	File folder			
Downloads	Grid	27/01/2020 1:47 am	File folder			
h Music	QtBinaries	27/01/2020 1:47 am	File folder			
Distance	Scripts	27/01/2020 1:47 am	File folder			
Pictures	Views	27/01/2020 1:47 am	File folder			
Videos	ApplicationInsights.config	29/11/2019 1:01 am	CONFIG File	11 KB		
🏪 Windows10Pro (📔 favicon.ico	30/04/2019 8:27 pm	lcon	32 KB		
SSD (D:)	Global.asax	30/04/2019 9:07 pm	ASAX File	1 KB		
Local Disk (E:)	packages.config	29/11/2019 2:06 pm	CONFIG File	8 KB		
Local Disk (F:)	Web.config	27/01/2020 1:47 am	CONFIG File	36 KB		
Local Disk (G:)	Type: CONFIG File Size: 35.9 KB					
Local Disk (H:) ♥ 15 items 1 item selected	35.9 KB	01/2020 1:47 am				

2. Search for the tag containing "MRIsSecureSite".

Ciller	ers\ubaidullah\Documents\My Received Files\Web	config - Notenad++			_		×
E C.(03	ers (abalaan an (bocaments (wy necewear nes (web.	comg Notepad					~
File Edit	Search View Encoding Language Setting	Tools Macro Run Plugins	Window ?				Х
🕞 📑 🗄	3 🖻 🗟 🕼 🚔 🖌 🛍 🛅 Ə 🖒 # ʻ	🦕 🔍 🔍 🖼 🖼 🎰 🏾	토 🐺 🔊 🔄 💿 🔳 🕨	🕨 🔤 🖊			
Heb.co	nfig 🗵						
179	<pre><!-- Start :: Application: M</pre--></pre>	R4TFS(Dev)>					^
180 E	<pre><!-- <add key="VSO.Authorizat</pre--></pre>	ionURL" value=" <u>https://</u>	app.vssps.visualstudio.com	/oauth2/authorize" />			
181	<add <="" key="VSO.AccessTokenURL" td=""><td>value="https://app.vss</td><td>ps.visualstudio.com/oauth2</td><td>/token" /></td><td></td><td></td><td></td></add>	value="https://app.vss	ps.visualstudio.com/oauth2	/token" />			
182	<add key="VSO.AuthAppCallback</td><td>URL" value="<u>https://loc</u></td><td>alhost:888/OAuthVSO/Callba</td><td><u>ick</u>"></add>						
183	<add key="VSO.AppID" value="5</td><td>9931780-9364-4FCF-959E-</td><td>7201E670C27B"></add>						
184	<add key="VSO.AppSecret" td="" valu<=""><td>e="eyJ0eXAiOiJKVlQiLCJh</td><td>bGciOiJSUzIlNiIsIngldCI6Im</td><td>9PdmN6NU1fN3AtSGpJS2xGW</td><td>Ho5M3VfVjE</td><td>abyJ9.</td><td>ey</td></add>	e="eyJ0eXAiOiJKVlQiLCJh	bGciOiJSUzIlNiIsIngldCI6Im	9PdmN6NU1fN3AtSGpJS2xGW	Ho5M3VfVjE	abyJ9.	ey
185	<add <="" key="VSO.AuthorizedScope</td><td>s" pre="" value="" vso.state"=""></add>	/>>					
187	<pre><!-- End :: Application: MR4</pre--></pre>	TFS(Dev)>					
188	End :: For VSO Authoriz</td <td>e access to REST APIs w</td> <td>ith OAuth 2.0></td> <td></td> <td></td> <td></td> <td></td>	e access to REST APIs w	ith OAuth 2.0>				
189	<add key="Persistence.RedisCa</td><td>che.ConnectionString" td="" v<=""><td>alue="localhost:6379,Defau</td><td>ltDatabase=1,Password=,</td><td>ssl=false,</td><td>syncTi</td><td>me</td></add>	alue="localhost:6379,Defau	ltDatabase=1,Password=,	ssl=false,	syncTi	me	
190	<pre>cadd_kev="WebTask_RedisCache</pre>	ConnectionString" value	="localhost:6379,DefaultDa	tabase=3,Password=,ssl=	false, sync	Timeou	it=:
191	<add key="MRIsSecureSite" td="" val<=""><td>ue="false"/></td><td></td><td></td><td></td><td></td><td></td></add>	ue="false"/>					
192	#IGAzureCloudApp						
193	<pre><!-- <add key="Persistence.Re</pre--></pre>	disCache.ConnectionStri	ng" value="igwacldsrv.redi	s.cache.windows.net:638	0,password	l=cNRGv	i/Fi
194	<pre><add key="Hangfire.RedisCache</pre></td><td>.ConnectionString" td="" valu<=""><td>e="igwacldsrv.redis.cache.</td><td>windows.net:6380,passwo</td><td>rd=cNRGw/F</td><td>WUzM50</td><td>opE[.]</td></add></pre>	e="igwacldsrv.redis.cache.	windows.net:6380,passwo	rd=cNRGw/F	WUzM50	opE [.]	
195	#IGAzureCloudApp						
196							
197	</td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
198	For a description of web.conf	ig changes see <u>http://g</u>	o.microsoft.com/fwlink/?Li	nkId=235367.			
199							
200	The following attributes can	be set on the <httprunt< td=""><td>ime> tag.</td><td></td><td></td><td></td><td></td></httprunt<>	ime> tag.				
201	<system.web></system.web>						
202	<httpruntime targetframew<="" td=""><td>ork="4.5" /></td><td></td><td></td><td></td><td></td><td>~</td></httpruntime>	ork="4.5" />					~
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3. Change the value of key "MRIsSecureSite" to "true".

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179 Start :: Application: M</td <td>ATFS(Dev)></td> <td></td> <td></td> <td></td> <td></td> <td>^</td>	ATFS(Dev)>					^
180 🛱 <add key="VSO.Authorizat</td <td>ionURL" value="<u>https://a</u></td> <td>pp.vssps.visualstudio.com/oauth2/a</td> <td>authorize" /></td> <td></td> <td></td> <td></td>	ionURL" value=" <u>https://a</u>	pp.vssps.visualstudio.com/oauth2/a	authorize" />			
181 <add <="" key="VSO.AccessTokenURL" td=""><td>value="https://app.vssp</td><td><pre>s.visualstudio.com/oauth2/token" ,</pre></td><td>/></td><td></td><td></td><td></td></add>	value="https://app.vssp	<pre>s.visualstudio.com/oauth2/token" ,</pre>	/>			
<pre>182 <add key="VSO.AuthAppCallback</pre></td><td>JRL" value="<u>https://loca</u></td><td><pre>lhost:888/OAuthVSO/Callback"></add></pre>						
<pre>183 <add key="VSO.AppID" value="5</pre></td><td>9931780-9364-4FCF-959E-7</td><td>201E670C27B"></add></pre>						
184 <add key="VSO.AppSecret" td="" valu<=""><td>="eyJ0eXAiOiJKVlQiLCJhb</td><td>GciOiJSUzI1NiIsIngldCI6Im9PdmN6NU</td><td>lfN3AtSGpJS2xGWHo</td><td>5M3VfVjH</td><td>BabyJ9.</td><td>ey</td></add>	="eyJ0eXAiOiJKVlQiLCJhb	GciOiJSUzI1NiIsIngldCI6Im9PdmN6NU	lfN3AtSGpJS2xGWHo	5M3VfVjH	BabyJ9.	ey
<pre>185 <add <="" key="VSO.AuthorizedScope</pre></td><td>" td="" value="" vso.state"=""><td>/>></td><td></td><td></td><td></td><td></td><td></td></add></pre>	/>>					
187 End :: Application: MR4</td <td>IFS(Dev)></td> <td></td> <td></td> <td></td> <td></td> <td></td>	IFS(Dev)>					
188 End :: For VSO Authoriz</td <td>e access to REST APIs wi</td> <td>th OAuth 2.0></td> <td></td> <td></td> <td></td> <td></td>	e access to REST APIs wi	th OAuth 2.0>				
189 <add key="Persistence.RedisCa</td><td>che.ConnectionString" td="" va<=""><td><pre>lue="localhost:6379,DefaultDatabas</pre></td><td>se=1,Password=,ss</td><td>l=false</td><td>syncTi</td><td>me</td></add>	<pre>lue="localhost:6379,DefaultDatabas</pre>	se=1,Password=,ss	l=false	syncTi	me	
190 <add key="WebTask.RedisCache</td><td>ConnectionString" value="</td"><td>"localhost:6379,DefaultDatabase=3</td><td>,Password=,ssl=fa</td><td>lse, syn</td><td>Timeou</td><td>it=:</td></add>	"localhost:6379,DefaultDatabase=3	,Password=,ssl=fa	lse, syn	Timeou	it=:	
191 <add key="MRIsSecureSite" td="" val<=""><td>ie="true" (></td><td></td><td></td><td></td><td></td><td></td></add>	ie="true" (>					
192 #IGAzureCloudApp						
193 E <add key="Persistence.Re</td <td>lisCache.ConnectionStrin</td> <td>g" value="igwacldsrv.redis.cache.u</td> <td>windows.net:6380,</td> <td>password</td> <td>i=cNRGw</td> <td>7/F1</td>	lisCache.ConnectionStrin	g" value="igwacldsrv.redis.cache.u	windows.net:6380,	password	i=cNRGw	7/F1
194 - <add key="Hangfire.RedisCache</td><td>ConnectionString" td="" value<=""><td>="igwacldsrv.redis.cache.windows.n</td><td>net:6380,password</td><td>=cNRGw/1</td><td>WUzM5c</td><td>pE.</td></add>	="igwacldsrv.redis.cache.windows.n	net:6380,password	=cNRGw/1	WUzM5c	pE.	
195 #IGAzureCloudApp						
196 -						
197 日 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
198 For a description of web.conf	ig changes see <u>http://qo</u>	.microsoft.com/fwlink/?LinkId=235	367.			
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200 The following attributes can	be set on the <httprunti< td=""><td>me> tag.</td><td></td><td></td><td></td><td></td></httprunti<>	me> tag.				
201 <system.web></system.web>						
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<						>
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4. Next, search for "<!-- For secure(https) site -->"



5. Uncomment the following tag (immediately below, as mentioned in the image).

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271	<pre>coutputCacheSettings></pre>	^
272	<outputcacheprofiles></outputcacheprofiles>	
273	<add duration="1600" name="Aggressive"></add>	
274	<add duration="10" name="Short"></add>	
275	<add duration="0" name="None"></add>	
276	-	
277	<pre>- </pre>	
278	-	
279	<httpmodules></httpmodules>	
280	<add <="" name="TelemetryCorrelationHttpModule" td="" type="Microsoft.AspNet.TelemetryCorrelation.TelemetryCorrelationHttp"><td>Module</td></add>	Module
281	<add name="ApplicationInsightsWebTracking" none"="" requiressl="true" type="Microsoft.ApplicationInsights.Web.ApplicationInsightsHttpModul</td><td>a, Mic</td></tr><tr><td>282</td><td>- </httpModules></td><td></td></tr><tr><td>283</td><td>(1 For secure(https) site></td><td></td></tr><tr><td>284</td><td><httpCookies sameSite="></add>	
285	<htpucokies samesite="None"></htpucokies>	
286	-	
287 E	- <system.webserver></system.webserver>	
288	<validation validateintegratedmodeconfiguration="false"></validation>	
289 E	白 <security></security>	
290 E	<requestfiltering></requestfiltering>	
291	maxAllowedContentLength is in bytes (B) 50MB	
292	<requestlimits maxallowedcontentlength="52498800"></requestlimits>	
293	<pre></pre>	
294	<pre> </pre>	~
<		>
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6. Now make the next line, a comment.



7. Save and then close the **Web.config** file.