

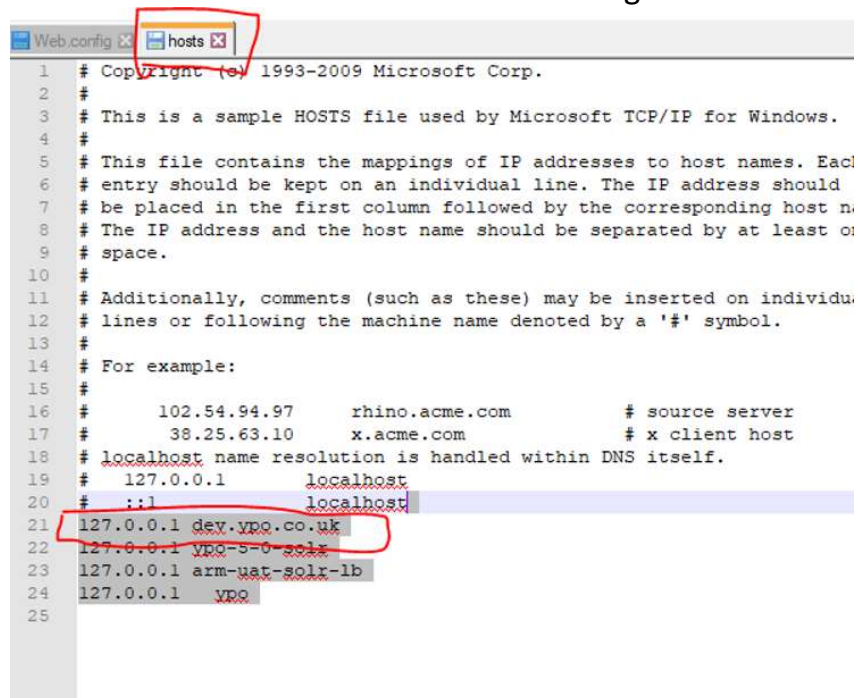
Project experience recap

Contents

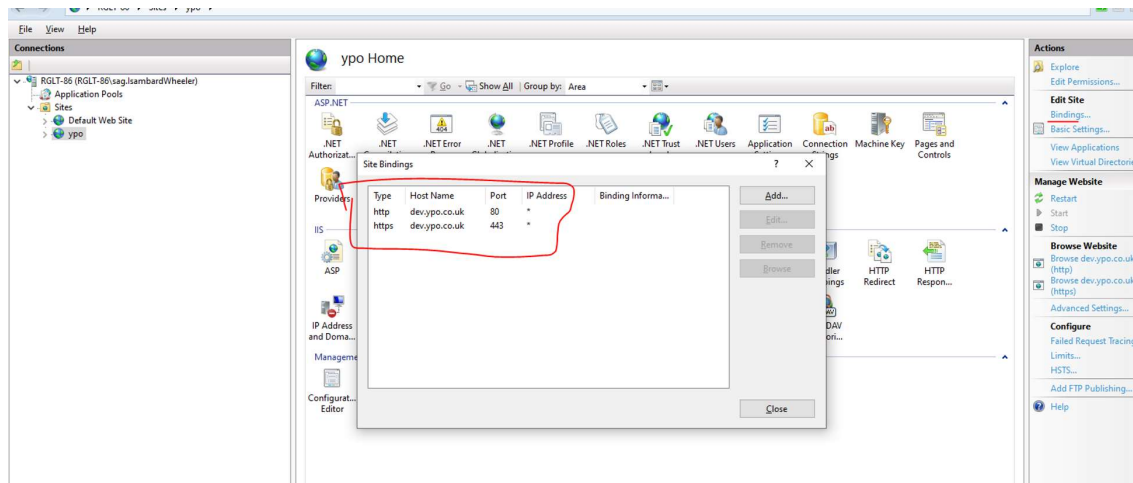
Hosts file then bindings to IIS Set-up	3
0 - CM 12 Server - Trigger a deployment + File back-up	4
1A - File backup of CM Server	15
2 - CD 10 (CD 1) Server - File Back-up	17
3 - CD 11 (CD 2) Server - File Back-up	19
4 - Request CD10 out of loadbalance	21
5 - Swap out CM 12 (CM) Server	22
6 - Swap out CD 10 (CD 1) Server	24
7 - Swap out CD 11 (CD 2) Server	29
8 - CM 12 Publish are packages	31
9 - Update client that CD11 (CD2) is live	32
10 - Merge branches	33

Hosts file then bindings to IIS Set-up

Edit the hosts files first then add the bindings into IIS second.



```
1 # Copyright (c) 1993-2009 Microsoft Corp.
2 #
3 # This is a sample HOSTS file used by Microsoft TCP/IP for Windows.
4 #
5 # This file contains the mappings of IP addresses to host names. Each
6 # entry should be kept on an individual line. The IP address should
7 # be placed in the first column followed by the corresponding host n
8 # The IP address and the host name should be separated by at least one
9 # space.
10 #
11 # Additionally, comments (such as these) may be inserted on individu
12 # lines or following the machine name denoted by a '#' symbol.
13 #
14 # For example:
15 #
16 #       102.54.94.97       rhino.acme.com           # source server
17 #       38.25.63.10       x.acme.com               # x client host
18 # localhost name resolution is handled within DNS itself.
19 #       127.0.0.1         localhost
20 #       ::1               localhost
21 127.0.0.1 dev.vpo.co.uk
22 127.0.0.1 vpo-s-0-sql
23 127.0.0.1 arm-wat-sql-lb
24 127.0.0.1 vpo
25
```

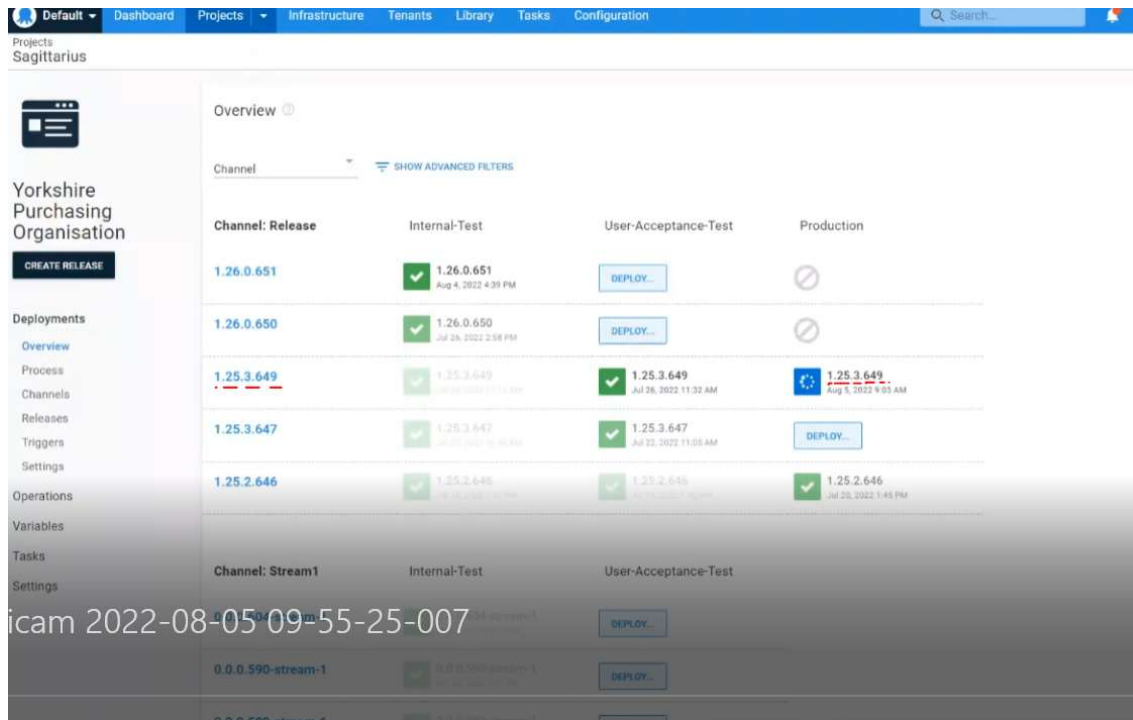


0 - CM 12 Server- Trigger a deployment + File back-up

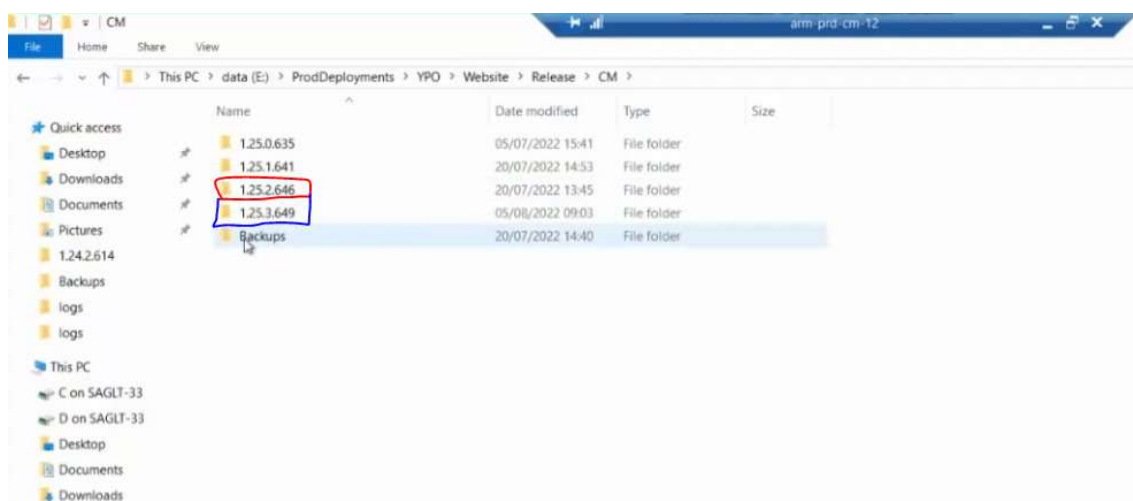
Summary

- 1 - Trigger an Octopus Deploy deployment
- 2 - Then take a file back-up

- Trigger Octopus Deploy
- On **Friday 5th August 2022** :
- An Octopus Deploy created **release Webroot folder** in the CM 12 Server;
- The Webroot folder has name **1.25.3.649** (the version number of the **release deployment**).

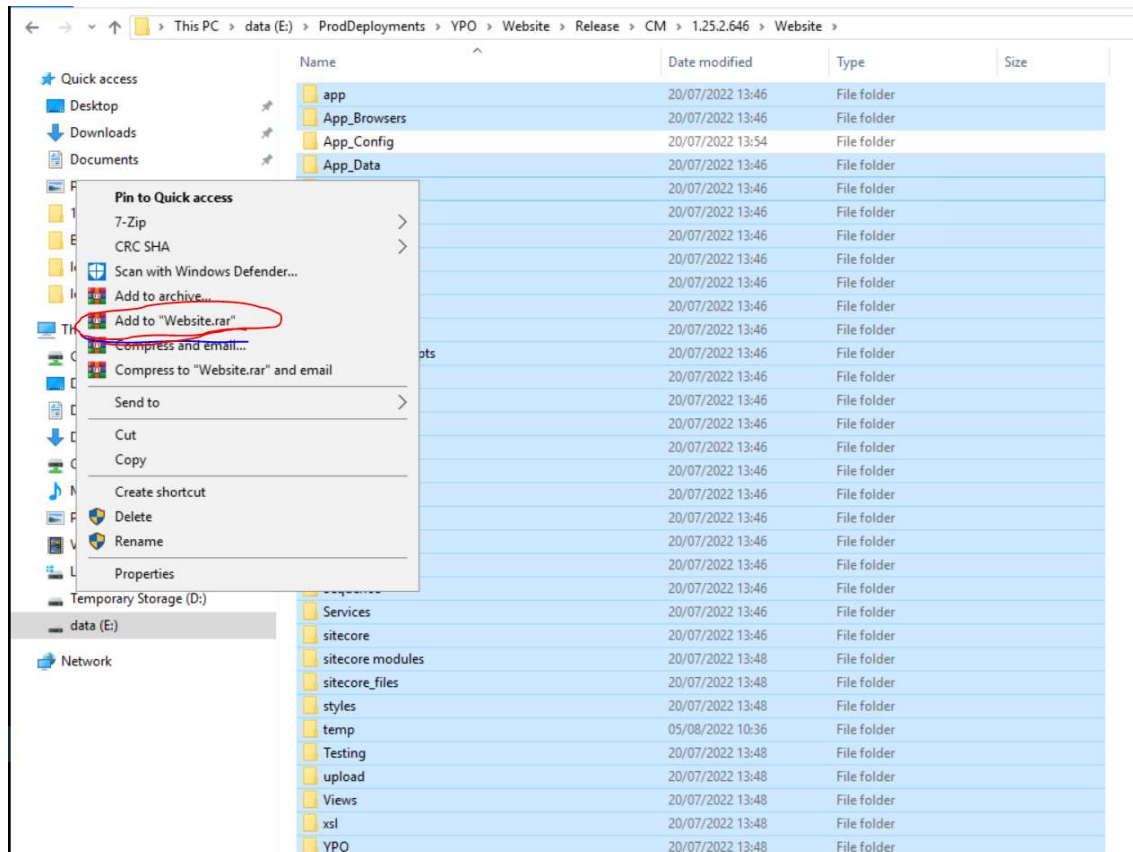


- Wait until Octopus deploy has finished spinning before clicking into the **release Webroot folder**;
- While the **release deployment** is happening take back-up of **current deployment**;

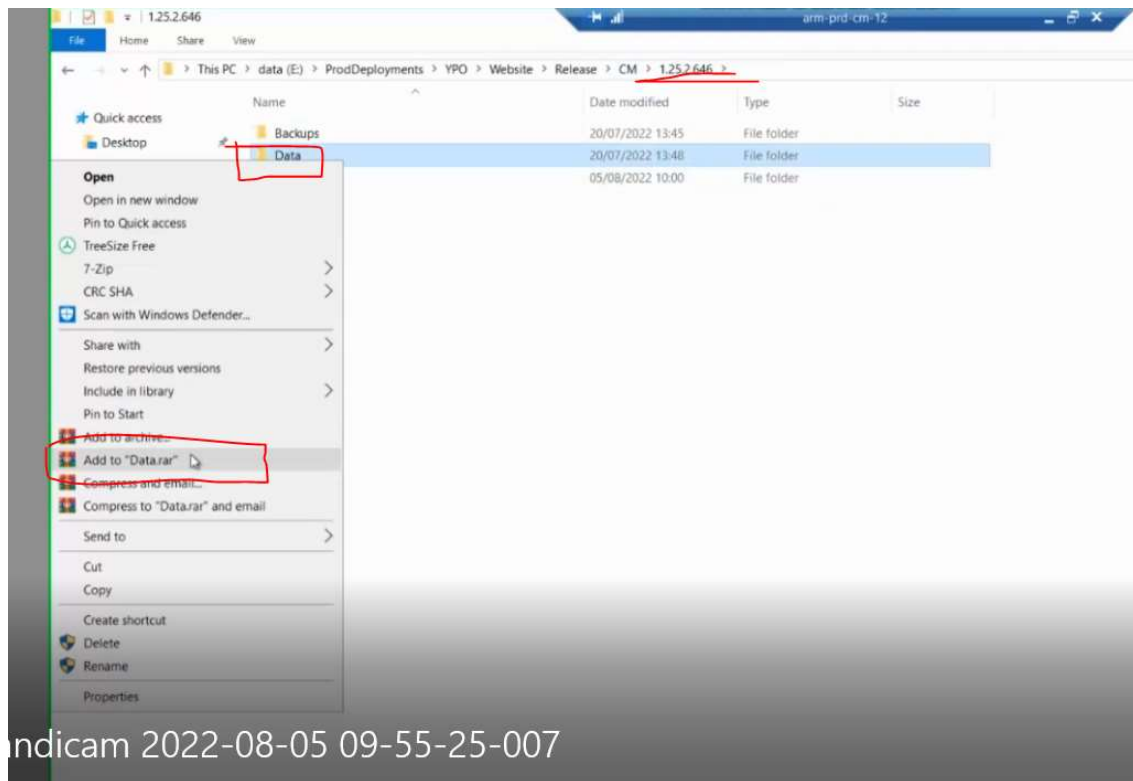


Go to path:

- E:\ProdDeployments\YPO\Website\Release\CM\1.25.2.646\Website
- Select all (Do not select **App_Config**)
- Right-click select Add to "Website.rar"

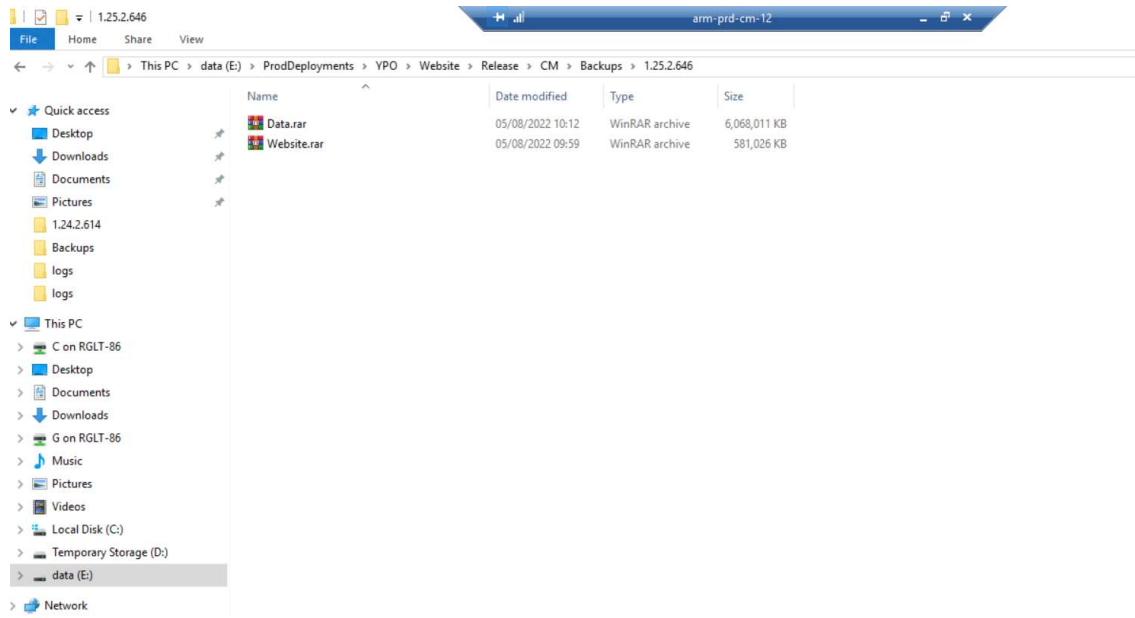


- Then do the same for Data directory



- When website and data .rar file has complete
- Then place both back-ups in the directory:

E:/ProdDeployments/YPO/Website/Release/CM/Backups/1.25.2.646



1- CM 12 Server- Database Back-up

Message in the slack chat **ypo-client**:
"taking backups of cm and cd"

Steps to Back-up the CM server

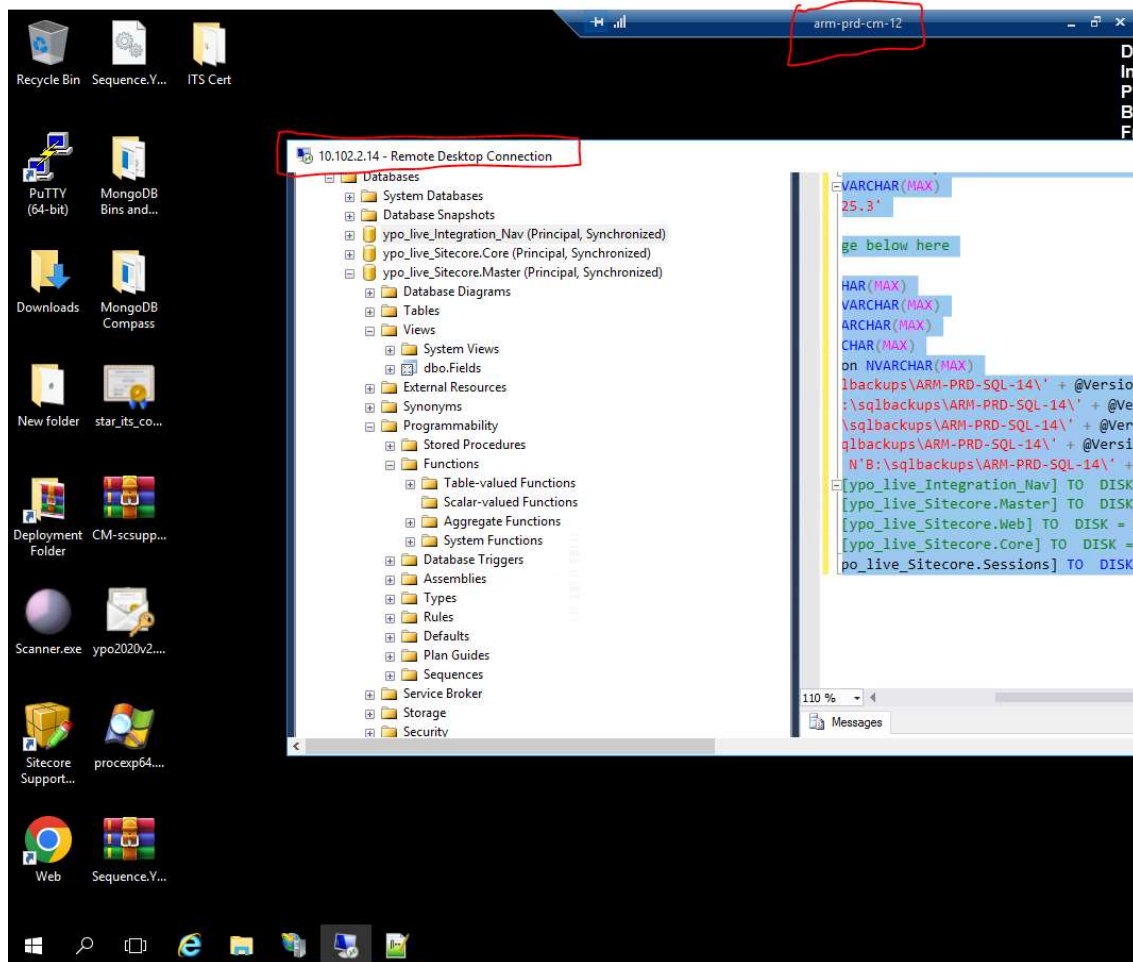
Pre-requisite

First we will back-up the database.
Then we will swap over the code to look at the latest release.

- Login into the CMS server (**arm-prd-cm-12**)
- Then Log into the database server there are two database servers:

(**10.201.2.14**) - there should be a remote desktop window open.

(**10.201.2.13**) - there should be a remote desktop window open.

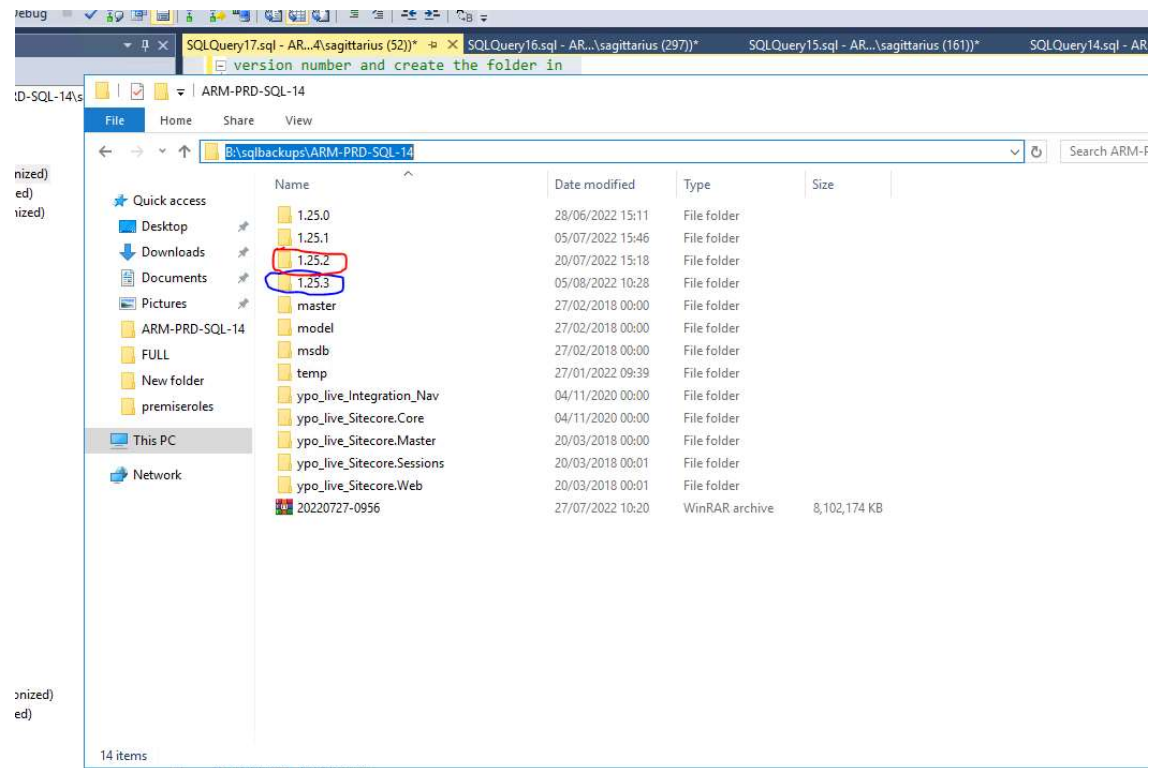


- When on the **database server** you will have to do a database backup:

Go to the directory path:

B:\sqlbackups\ARM-PRD-SQL-14

Create a folder (with the name of the release) **1.25.3**

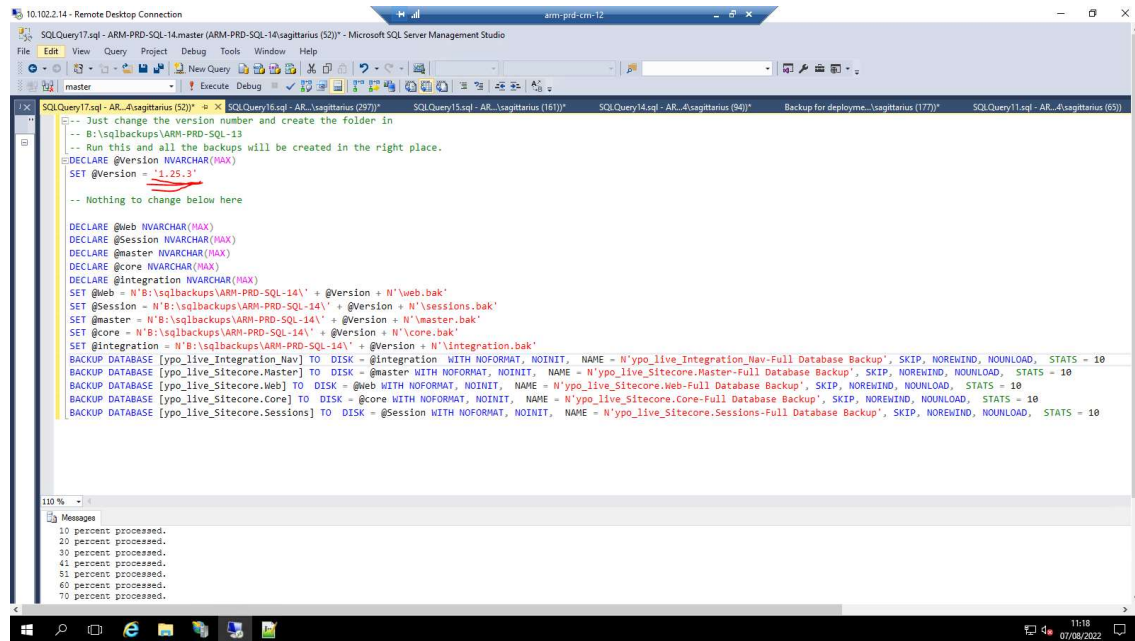


On Friday 5th August :

1.25.2.646 was the current code and 1.25.3.649 was the release.

Overview				
Channel				
SHOW ADVANCED FILTERS				
Channel: Release	Internal-Test	User-Acceptance-Test	Production	
1.26.0.653	✓ 1.26.0.653 Aug 5, 2022 4:11 PM	DEPLOY...	⊘	
1.26.0.652	✓ 1.26.0.652 Aug 5, 2022 12:20 PM	✓ 1.26.0.652 Aug 5, 2022 12:57 PM	DEPLOY...	
1.26.0.651	✓ 1.26.0.651 Aug 4, 2022 4:35 PM	DEPLOY...	⊘	
1.25.3.649	✓ 1.25.3.649 Jul 26, 2022 11:15 AM	✓ 1.25.3.649 Jul 26, 2022 11:32 AM	✓ 1.25.3.649 Aug 5, 2022 9:03 AM	
1.25.2.646	✓ 1.25.2.646 Jul 19, 2022 1:20 PM	✓ 1.25.2.646 Jul 19, 2022 1:35 PM	✓ 1.25.2.646 Jul 20, 2022 1:45 PM	

Change the **version** in the SQL script below to match folder name



Raw SQL script

```
-- Just change the version number and create the folder in
-- B:\sqlbackups\ARM-PRD-SQL-13
-- Run this and all the backups will be created in the right place.
```

```
DECLARE @Version NVARCHAR(MAX)
SET @Version = '1.25.3'
```

```
-- Nothing to change below here
```

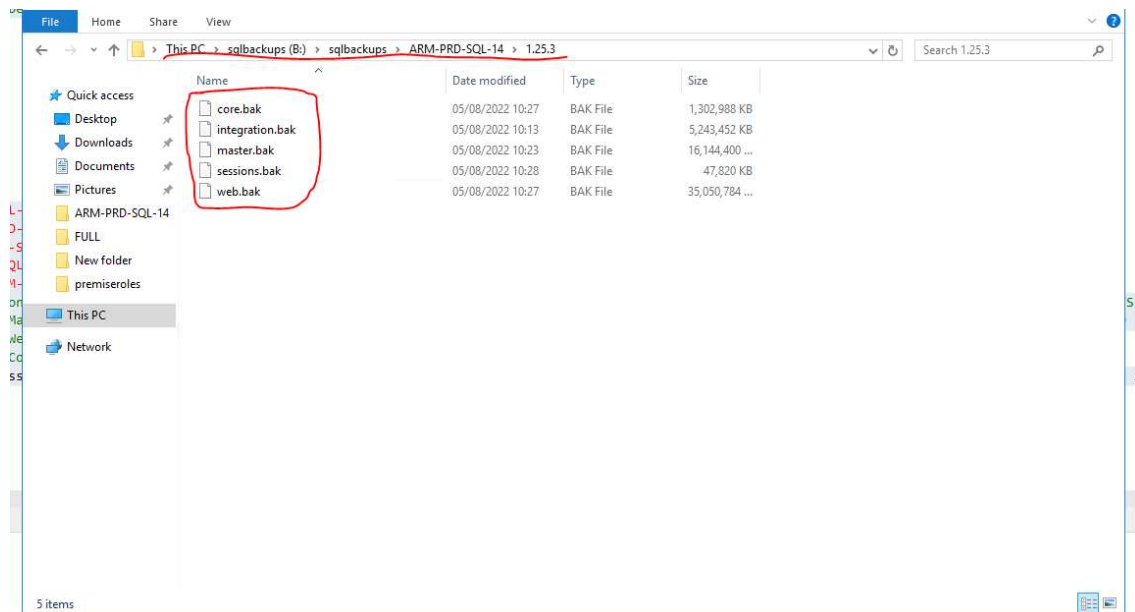
```
DECLARE @Web NVARCHAR(MAX)
DECLARE @Session NVARCHAR(MAX)
DECLARE @master NVARCHAR(MAX)
DECLARE @core NVARCHAR(MAX)
DECLARE @integration NVARCHAR(MAX)
SET @Web = N'B:\sqlbackups\ARM-PRD-SQL-14\' + @Version + N'\web.bak'
SET @Session = N'B:\sqlbackups\ARM-PRD-SQL-14\' + @Version + N'\sessions.bak'
```

```

SET @master = N'B:\sqlbackups\ARM-PRD-SQL-14\' + @Version + N'\master.bak'
SET @core = N'B:\sqlbackups\ARM-PRD-SQL-14\' + @Version + N'\core.bak'
SET @integration = N'B:\sqlbackups\ARM-PRD-SQL-14\' + @Version + N'\integration.bak'
--BACKUP DATABASE [ypo_live_Integration_Nav] TO DISK = @integration WITH NOFORMAT,
NOINIT, NAME = N'ypo_live_Integration_Nav-Full Database Backup', SKIP, NOREWIND,
NOUNLOAD, STATS = 10
--BACKUP DATABASE [ypo_live_Sitecore.Master] TO DISK = @master WITH NOFORMAT,
NOINIT, NAME = N'client_live_Sitecore.Master-Full Database Backup', SKIP, NOREWIND,
NOUNLOAD, STATS = 10
--BACKUP DATABASE [ypo_live_Sitecore.Web] TO DISK = @Web WITH NOFORMAT, NOINIT,
NAME = N'client_live_Sitecore.Web-Full Database Backup', SKIP, NOREWIND, NOUNLOAD,
STATS = 10
--BACKUP DATABASE [ypo_live_Sitecore.Core] TO DISK = @core WITH NOFORMAT, NOINIT,
NAME = N'client_live_Sitecore.Core-Full Database Backup', SKIP, NOREWIND, NOUNLOAD,
STATS = 10
BACKUP DATABASE [ypo_live_Sitecore.Sessions] TO DISK = @Session WITH NOFORMAT,
NOINIT, NAME = N'client_live_Sitecore.Sessions-Full Database Backup', SKIP, NOREWIND,
NOUNLOAD, STATS = 10

```

Once you run the SQL script you should be able to see the databases backed-up.



- Once you have backed up the db files you can then do a **swap over**
- A **Swap over** is when your site points to the latest release

1A- File backup of CM Server

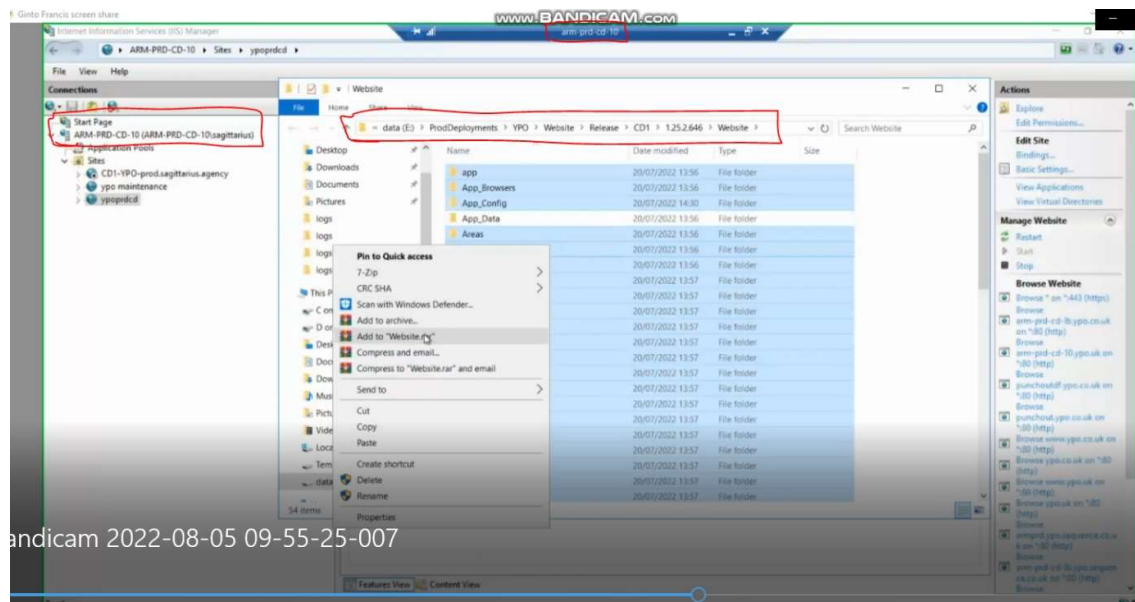
Summary:

- CM
- We want to backup the **/website** and **/data** directory
- Do not back-up the **App_Data** folder in the **/website** folder
- **Add to "Website.rar"**

Go to directory:

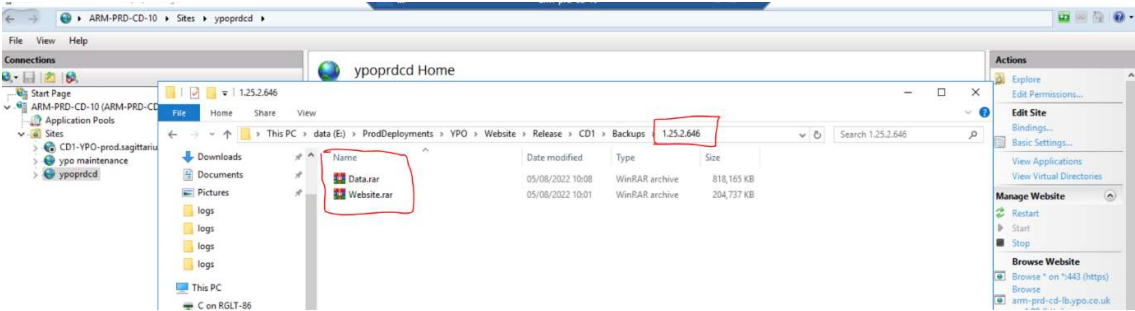
E:/ProdDeployments/YPO/Website/Release/CD1/**1.25.2.646**/Website

Which on **Friday 5th August** was the **current site**.



Store both file and db back-up .rar files in the directory:

E:\ProdDeployments\YPO\Website\Release\CD1\Backups\1.25.2.646



2- CD 10 (CD 1) Server- File Back-up

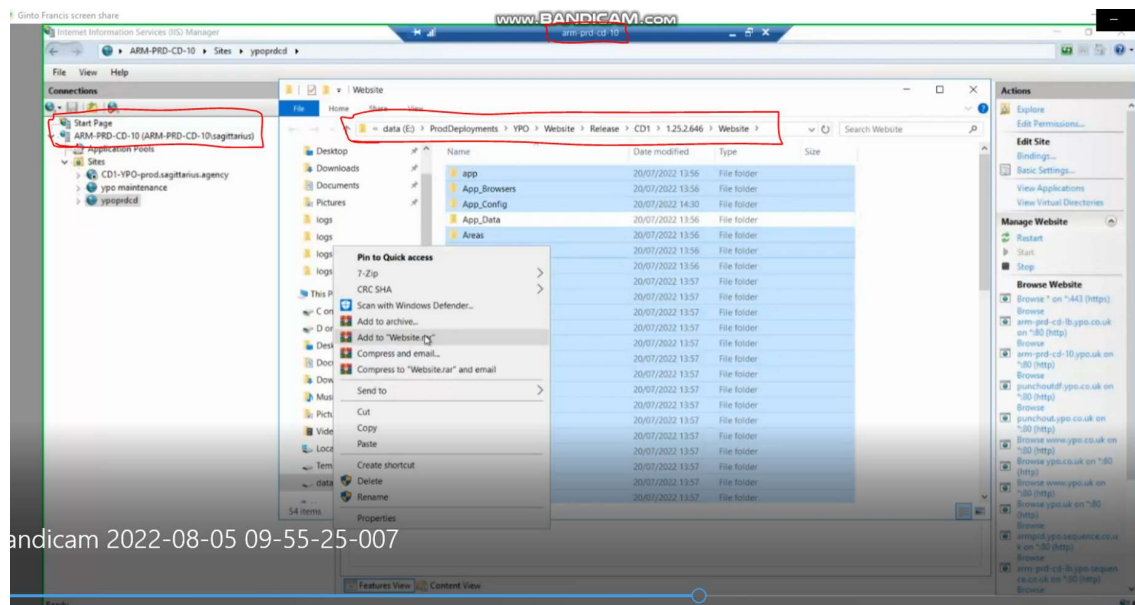
Summary:

- CD10 is CD1
- Make sure back-ups on the CD1 server are the same as we did on the CMS 12 server
- We want to backup the **/website** and **/data** directory

Go to directory:

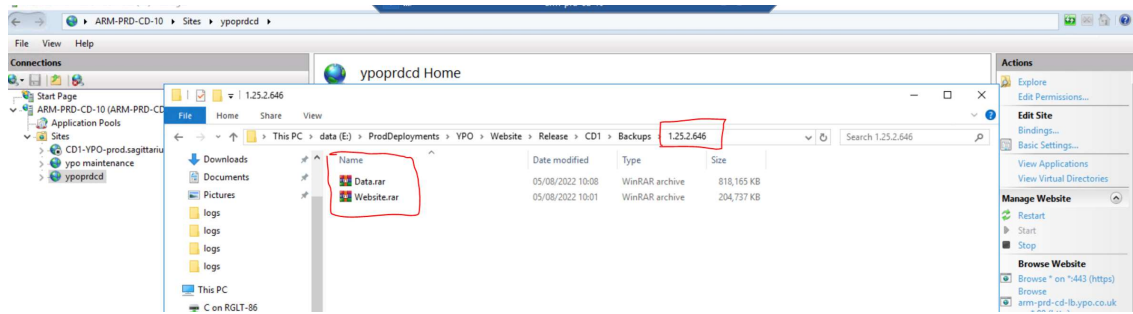
E:/ProdDeployments/YPO/Website/Release/CD1/**1.25.2.646**/Website

Which on **Friday 5th August** was the **current site**.



Store both file and db back-up .rar files in the directory:

E:\ProdDeployments\YPO\Website\Release\CD1\Backups**1.25.2.646**



3- CD 11 (CD 2) Server- File Back-up

Summary:

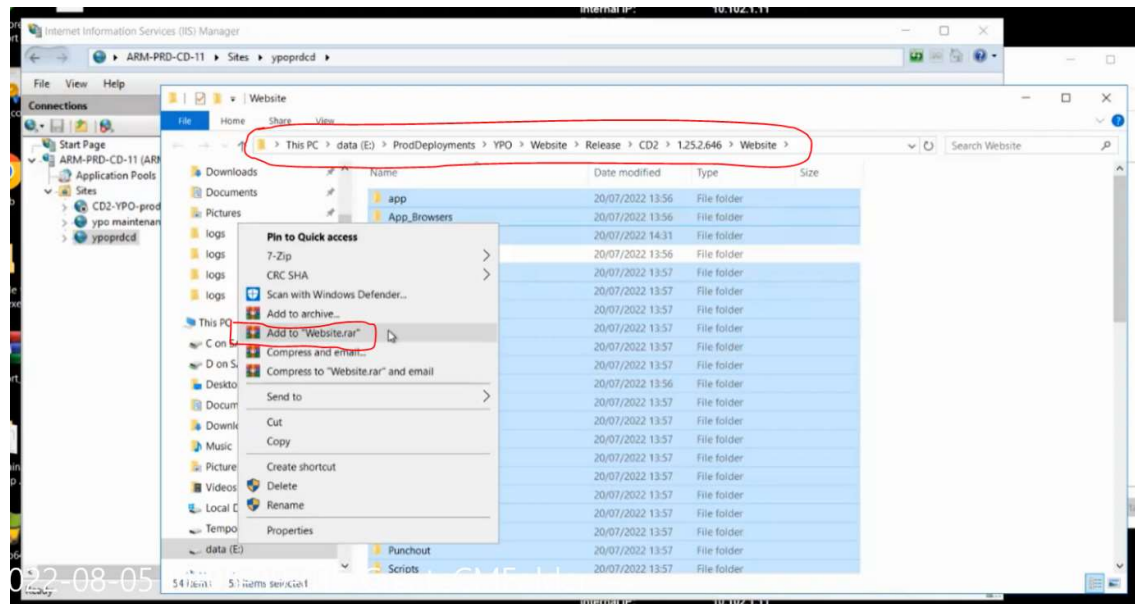
- **CD11 is CD2**
- Make sure back-ups on the **CD2 server** are the same as we did on the **CMS 12 server**
- We want to backup the **/website** and **/data** directory

Go to directory:

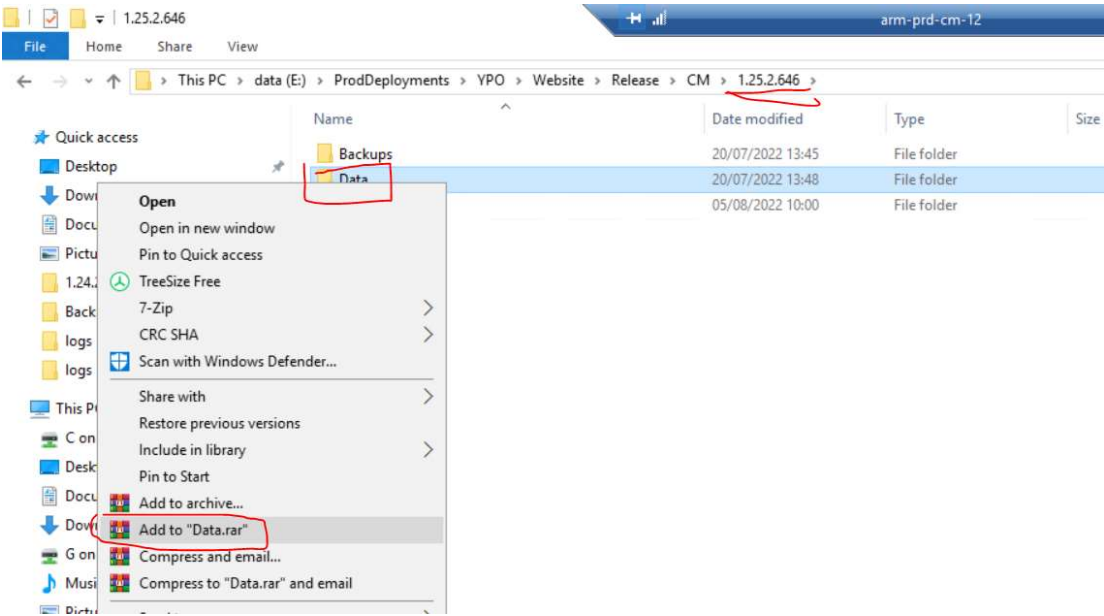
E:/ProdDeployments/YPO/Website/Release/CD2/**1.25.2.646**/Website

Which on **Friday 5th August** was the **current site**.

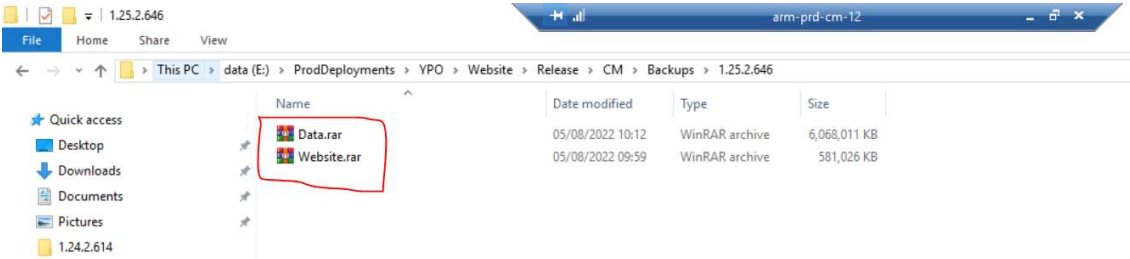
- Make a back-up of the **website directory**



Make a back-up of the **Data** directory



Stored both .rar into the Backups directory

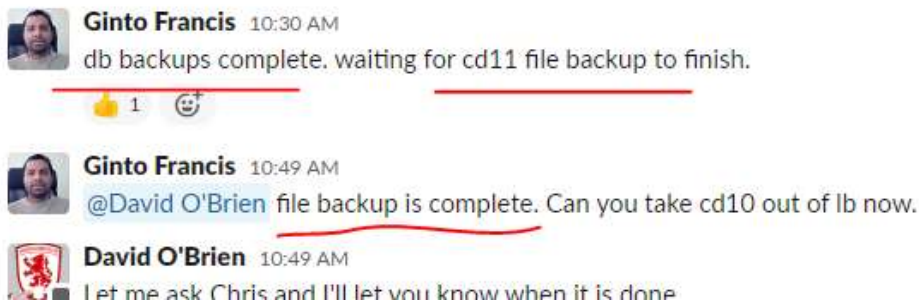


4- Request CD10 out of loadbalance

Summary:

- Put onto the **ypo-internal chat**:

"File backup is complete. Can you take **cd10** out of **lb** now."

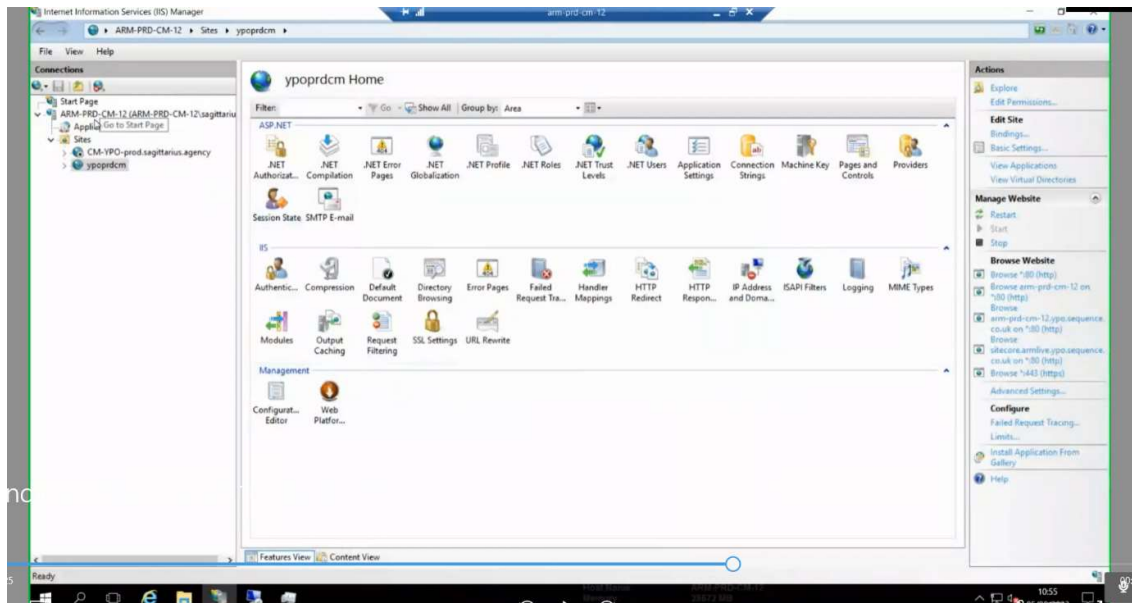


- BOTH **cd10** and **cm12** are taken from load balance at the same time.
- When the client takes CD10 out of LB all the traffic will go to CD 11.
Once we have swapped over the physical path on CD10 and the Client has tested on the server specific URL and is happy.
We will then put CD10 back into load balance and then remove CD11 from LB.
- **Swap over** - means that you change the physical path of the main site

5- Swap out CM 12 (CM) Server

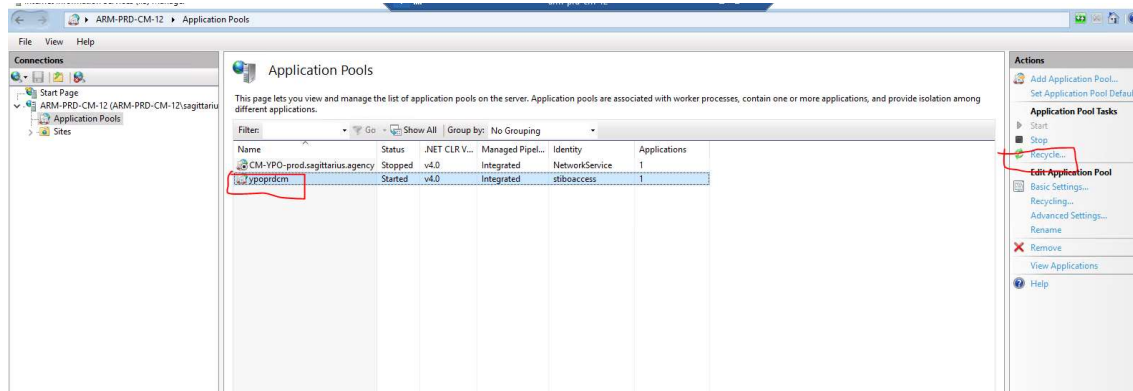
Steps:

- Open **CM-YPO-prod.sagittarius.agency**
- Basic settings
- copy the **physical path**
- Open **ypoprdrdm**
- Basic settings
- **Crtl+A** and delete the physical path
- Paste that **physical path - from above**.



- Then recycle the app-pool **ypoprdrdm** as well.

CM-YPO-prod.sagittarius.agency – Has a stop sign next to it. This is because this application pool is only used to hold the recently built and deployed code. It is not meant to serve information/content over the internet.



- Once app-pool finished recycling check if the CM server has loaded.
<https://livesc.ypo.co.uk/sitecore/login>

6- Swap out CD 10 (CD 1) Server

Steps:

1 - This is the newest build that has been placed on to the server

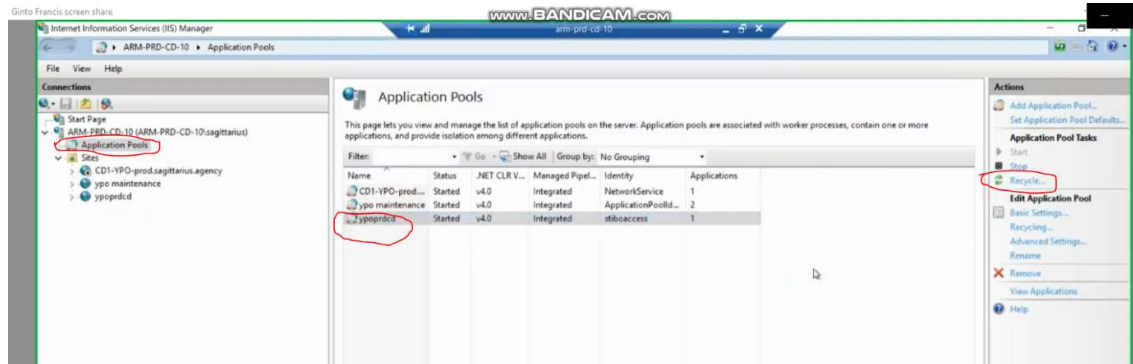
- Open **CM-YPO-prod.sagittarius.agency**
- Basic settings
- copy the **physical path**

2 - This is the old website build that is to be replaced

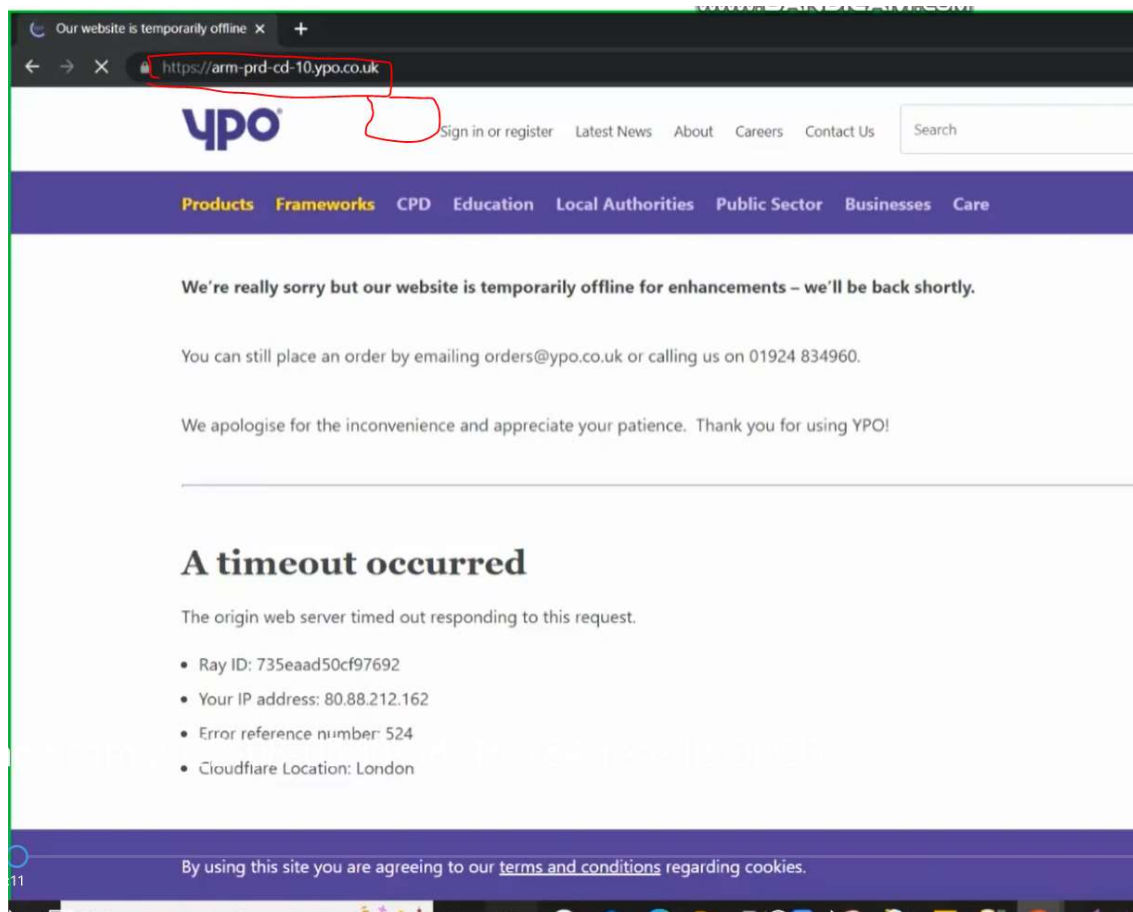
- Open **ypoprdrdm**
- Basic settings
- **Ctrl + A** and delete the physical path
- Paste that **physical path** - from above (i.e the physical path that was in **CD1-YPO-prod.sagittarius.agency**).



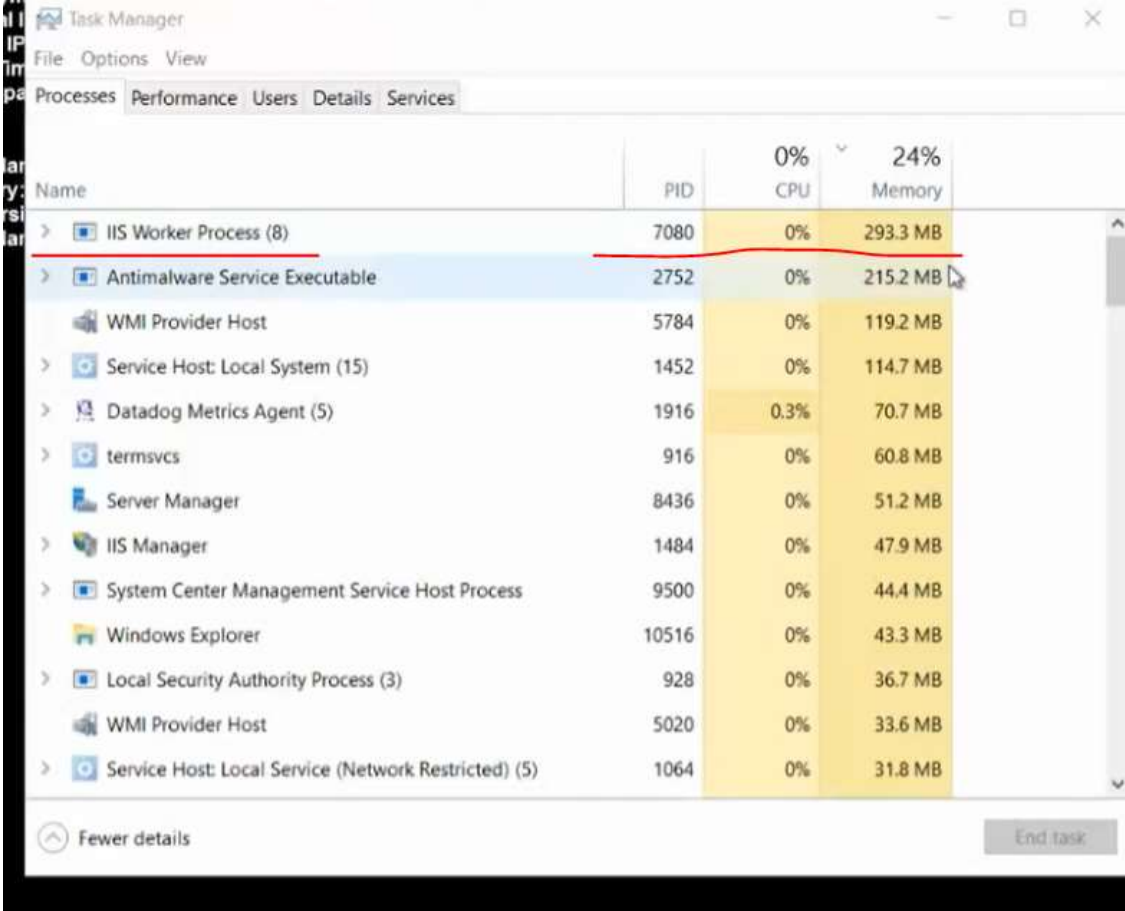
Recycle the app-pool for the main site



If you get this error then perform an IIS reset on command line as well.



- The server had an error.
- On CD 1 (<https://arm-prd-cd-10.ypo.co.uk/>) if the memory stays around 300 MB then you will need an IIS reset from the command line.
- This is because the memory consumption for IIS is normally a lot higher.



The screenshot shows the Windows Task Manager Performance tab. The 'Memory' column is expanded, showing the percentage of memory used (0% to 24%) and the absolute memory usage in MB. The 'IIS Worker Process (8)' is highlighted with a red line, indicating it is the process of interest.

Name	PID	CPU	Memory
IIS Worker Process (8)	7080	0%	293.3 MB
Antimalware Service Executable	2752	0%	215.2 MB
WMI Provider Host	5784	0%	119.2 MB
Service Host: Local System (15)	1452	0%	114.7 MB
Datadog Metrics Agent (5)	1916	0.3%	70.7 MB
termsvcs	916	0%	60.8 MB
Server Manager	8436	0%	51.2 MB
IIS Manager	1484	0%	47.9 MB
System Center Management Service Host Process	9500	0%	44.4 MB
Windows Explorer	10516	0%	43.3 MB
Local Security Authority Process (3)	928	0%	36.7 MB
WMI Provider Host	5020	0%	33.6 MB
Service Host: Local Service (Network Restricted) (5)	1064	0%	31.8 MB

- After performing an IIS reset in the CMD
- The memory increased and then the site loaded in Browser

ypoprdcd

Task Manager

File Options View

Processes Performance Users Details Services

Administrator: Command Prompt

```

C:\Windows\system32>Attempting stop...
Internet services successfully stopped
Attempting start...
Internet services successfully restarted

C:\Windows\system32>iisreset /stop

Attempting stop...
Internet services successfully stopped

C:\Windows\system32>iisreset

Attempting stop...
Internet services successfully stopped
Attempting start...
Internet services successfully restarted

C:\Windows\system32>iisreset /stop

Attempting stop...
Internet services successfully stopped

C:\Windows\system32>iisreset

Attempting stop...
Internet services successfully stopped
Attempting start...
Internet services successfully restarted

C:\Windows\system32>

```

34% 27%

CPU Memory

PID	CPU	Memory
6188	14.5%	832.0 MB
6076	10.4%	500.8 MB
2752	6.8%	213.6 MB
1452	0%	114.7 MB
5784	0%	106.6 MB
1916	0.3%	70.7 MB
916	0.1%	61.3 MB
8436	0%	51.2 MB
1484	0%	48.2 MB
9500	0%	44.5 MB
10516	0%	40.4 MB
928	0%	36.8 MB
5020	0%	33.6 MB

End task

browse www.ypo.co.uk on *80 (http)

Browse ypo.co.uk on *80 (http)

Browse www.ypo.co.uk on *80 (http)

Browse ypo.co.uk on *80 (http)

Browse

https://arm-prd-cd-10.ypo.co.uk

Incognito

ypo

[Sign in or register](#)
[Latest News](#)
[About](#)
[Vacancies](#)
[Contact Us](#)
[Suppliers](#)

Search by product name or code...

Quick Order

Wishlists

£0.00 ex VAT

[Products](#)
[Frameworks](#)
[Early Years](#)
[Primary Education](#)
[Secondary Education](#)
[Emergency Services](#)
[Local Authority](#)

Things you need to know

You can find all of our updates, including important information on delivery lead times, [here](#). We have also answered all of your [frequently asked questions](#).

Helping you to buy better

As a leading public sector procurement organisation with over 40 years' experience, YPO not only has a huge range of products and services at market-leading prices, but most importantly, the expertise to help you find the best solution.

We don't just offer the best value, we help deliver it.

feefo

91%

of our customers are happy with our service

Service Reviews

022-08-05 10-58-48-784-resetIISOnCD1

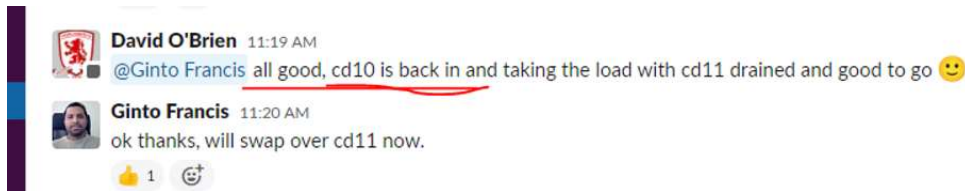
[Latest News](#)
[Register Hub](#)
[E-Procurement](#)
[Request a Catalogue](#)

7- (A) ask for CD11 (CD 2) to removed from lb

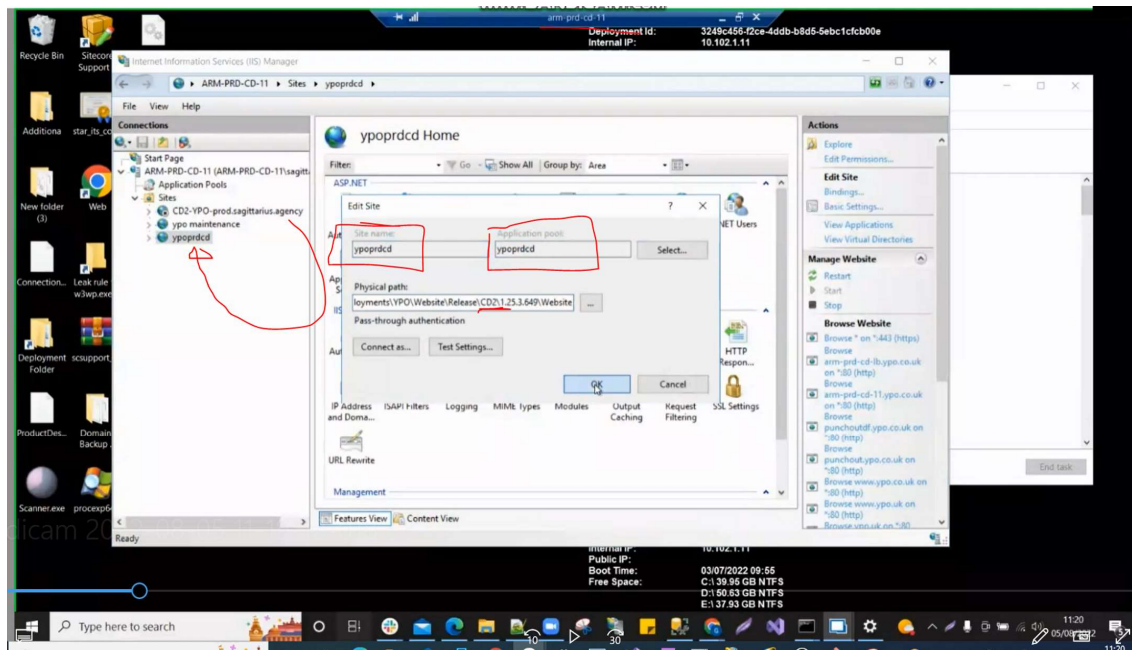
7- Swap out CD 11 (CD 2) Server

Steps:

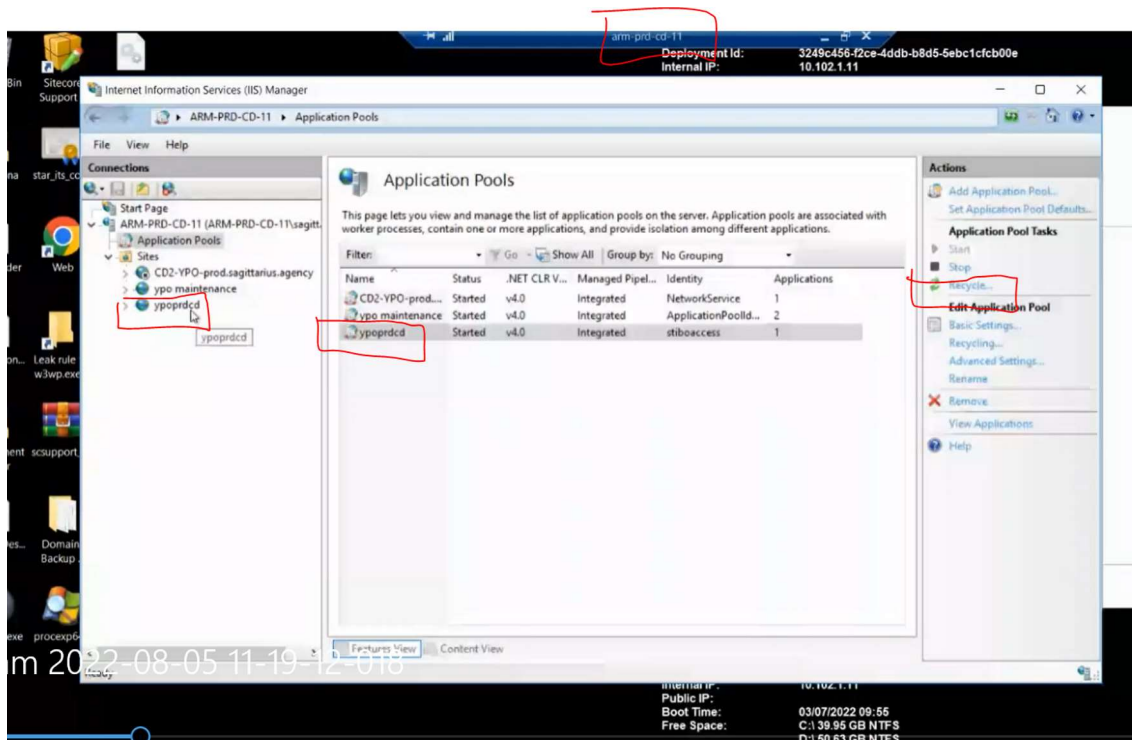
- Wait for the **client/David O'Brien** to inform you that **CD10 / CD1** has been tested, passes and is in load balance.
Before swapping out CD11/CD2.
- Similar to step 6.



- Open **CM-YPO-prod.sagittarius.agency**
- Basic settings
- copy the **physical path**
- Open **ypoprdrnm**
- Basic settings
- **Crtl + A** and delete the physical path
- Paste that **physical path - from above.**



- Recycle the app-pool for the main site: ypoprddc
- You may also have to do an IISRESET /STOP + IISRESET



8- CM 12 Publish are packages

- Upload any rendering/Sitecore items into the CMS system and publish from master to web
- Clear the cache: **Refresh** + **Clear All**
- <https://livesc.ypo.co.uk/sitecore/admin/cache.aspx>

Francis screen share

www.BANDICAM.COM

Control Panel x Solr Admin x Desktop x Welcome to Sitecore x Desktop x Cache Admin x



← → <https://livesc.ypo.co.uk/sitecore/admin/cache.aspx>


Actions: Refresh Clear all



Totals: Entries: 91995, Size: 182636751


Caches (134)	Name	Count	Size	Delta	MaxSize
	core[languageFallback]	0	743	0	20MB
	shell[filtered items]	0	0	0	10MB
	taxonomy.campaigngroups	0	0	0	20MB
	taxonomy.custom.C3A9E86281CB43A2BE18441C38B54D53	0	0	0	20MB
	DeviceDictionaryCache	0	0	0	976.56KB
	SqlDataProvider - Prefetch data(master)	0	0	0	100MB
	master[data]	0	0	0	200MB
	[FieldReaderCache, Id: defaultFieldReaderMap]	0	0	0	5MB
	[FieldReaderCache, Id: listManagerFieldReaderMap]	0	0	0	5MB
	admin[registry]	0	0	0	25MB
	admin[viewstate]	0	0	0	25MB
	core[blobIDs]	0	0	0	500KB



9- Update client that CD11 (CD2) is live


 1 


**Ginto Francis** 11:32 AM
cd11 is up now @David O'Brien


 1 



**David O'Brien** 11:32 AM
The team got the up alert and are already sanity checking

 1 

**David O'Brien** 11:38 AM
CD11 is back in now @Ginto Francis - let me know when the thank you page is published 😊

**Ginto Francis** 11:38 AM
@David O'Brien thank you page is published along with cd11.

**David O'Brien** 11:43 AM
perfect, cheers

 1 

Message

⌵

ypco-client

10- Merge branches

- **Release branch is made from develop branch**
- **(Feature Branches are made from the Release branch)**
- **1.25.3 Release** merge into **master** via **PR to Richard**
- **Master** merge into **develop** via **PR to Richard**
- **(EXCEPTION) Develop merge into release 1.26.0 because that branch exist.** via **PR to Richard**

Bitbucket - YPO - Con... X sagittarius-marketing / Yorkshire... X +

https://bitbucket.org/sagittarius-marketing/yorkshire-purchasing-organisation/pull-requests/new

Bitbucket Your work Repositories Projects More Create

Create a pull request

From: sagittarius-marketing / ... Created 2018-04-09, updated 18 hours ago
To: sagittarius-marketing/yorkshire-pu...
release/1.25.3 → master

Title: Release/1.25.3

Description: Aa B I ... Feedback ?

- created MVC rendering for unbxid OrderAnalytics, to render order product lines on checkout confirmation page source for unbxid analytics tracking.
- Removed TokyWoky scripts from checkout

Attachments: Browse to upload

Reviewers: Add reviewers...

Recent: Richard Brisley, Bob Coppins, Sean Carter

Delete branch: ☐ Delete release/1.25.3 after the pull request is merged

Send PR link to Richard

1.25.3 Release Notes - YPO - Co...sagittarius-marketing / yorkshire

https://bitbucket.org/sagittarius-marketing/yorkshire-purchasing-organisation/pull-requests/526

BitbucketYour workRepositoriesProjectsMoreCreate

Yorkshire Purchasing ...

SourceCommitsBranchesPull requestsPipelinesDeploymentsJira issuesSecurityDownloads

Sagittarius Marketing / Yorkshire Purchasing Organisat / Yorkshire Purchasing Organisation / Pull requests

Merge Release/1.25.3 to Master

release/1.25.3 → masterOPEN

#526 · Created 25 seconds ago · Last updated now

EditApproveMerge...Settings

Description

- created MVC rendering for unbxid OrderAnalytics, to render order product lines on checkout confirmation page source for unbxid analytics tracking.
- Removed TokyWoky scripts from checkout

0 attachments

0 comments

Add a comment

6 commits

17 files

FILTER BY COMMENTS

SORT BYFile tree