

DIGITAL CONTENT SAMPLE

Configuration and Deployment Guide

This Configuration and Deployment Guide was created for the Navigator – MediaMix Optimisation Portal users at MediaCom.

 MS Word was used as the authoring tool, to create the Configuration and Deployment Guide.

 We followed the client branding and style preferences along with Microsoft Manual of Style for Technical Publication (MSTP) guidelines and used British English (UK) for creating the content.

 The Configuration and Deployment Guide includes most of the standard sections namely cover page, table of contents, and chapters.

MEDIACOM



Navigator – MediaMix
Optimisation Portal

Configuration and Deployment Guide

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DOCUMENT CONTROL

This section describes the document control details.

Table 1: Document control details

Effective date:	dd-mm-yyyy
Written by:	Author Name
Reviewed by:	Reviewer Name
Approved by:	Approver Name
Document classification:	Deployment Guide

DOCUMENT HISTORY

This section describes the history of the document, created and modified details.

Table 2: Document history details

Version	Date	Created or Modified by	Details
1.0	13 April 2016	Author Name	Initial Release (draft)

ABOUT THIS GUIDE

This guide explains the configuration and deployment process of the MediaMix Optimisation Portal.

PURPOSE

This guide provides the standard instructions to configure and deploy the MediaMix Optimisation Portal application on the GroupM User Acceptance Testing (UAT) environment

The information in this guide supports and facilitates:

- A streamlined release and deployment process
- A central repository for all information related to a specific application release
- Easy and quick configuration and deployment

INTENDED AUDIENCE

This guide is intended for the following audience:

- GroupM UK and Europe, the Middle East and Africa (EMEA) development
- GroupM Global platform services
- Third-party development organisations working on GroupM projects and products
- GroupM Change Advisory Board

DEPLOYMENT INFORMATION

This section includes the following:

- Product summary
- Platform services and deployment resources
- Environment details
- Database information and environment URLs

PRODUCT SUMMARY

This section provides the product summary.

Table 3: Product summary

Product name	GroupM MediaMix Optimisation Portal
Date	Click here to enter a date.
Release version	1.0
Last stable version	1.0.0.1
Project lead	Project Leader
Product developer	Back-end and frontend Development team

PLATFORM SERVICES AND DEPLOYMENT RESOURCES

This section provides the required platform services and deployment.

Table 4: Platform services and deployment resources

Server Name	Description
Database	Following are the database names: <ol style="list-style-type: none"> 1. MCMOptPortal_Master 2. MCMOptPortal 3. MCMOptPortal_China 4. MCMOptPortal_Israel 5. MCMOptPortal_FFG
Web	Web deployment

ENVIRONMENT DETAILS

This section provides the environment details of Internet Information Services (IIS) and database.

Table 5: Environment details of IIS

IIS	UAT environment	Development environment
IIS 1	PSCWEBU03101 - 10.2.185.183	PSCWEBD00132 - 10.2.177.125
IIS 2	Not applicable	Not applicable
URL	apacanalytics-uat.com – 10.2.111.000	apacanalytics-dev.com - 10.2.111.000
Svc Acct	AD_PSCMCM.OptPtl.uat	Not applicable

Table 6: Environment details of database

Database	UAT environment	Development environment
SQL instance	PSCSQU00103X\SQLINS01,4500	PSCSQLD00121\SQLINS01, 5022
SQL database	MCMPortal	MCMPortal
DB owner	Mediacom	Mediacom
DB user	MediaAppUser	MediaAppUser

DATABASE INFORMATION AND ENVIRONMENT URLs

This section provides information for database and environment URLs.

Table 7: Database information and environment URLs

Server description	UAT environment	Development environment
Database	MCMOptPortal_Master	MCMOptPortal_Master
	MCMOptPortal	MCMOptPortal
	MCMOptPortal_China	MCMOptPortal_China
	MCMOptPortal_Israel	MCMOptPortal_Israel
	MCMOptPortal_FFG	MCMOptPortal_FFG
Web	<a href="https://apacanalytics-
uat.mediacom.com">https://apacanalytics- uat.mediacom.com	<a href="https://apacanalytics-
dev.mediacom.com">https://apacanalytics- dev.mediacom.com

DEPLOYMENT INSTRUCTIONS

This section includes the following:

- Prerequisites
- configuration and deployment
- Post-deployment testing
- Application redeployment
- Application roll-back instructions
- Application change control policy

PREREQUISITES

This section provides a list of software and other requirements to configure and deploy the MediaMix Optimisation Portal Optimisation Portal.

The prerequisites include the following:

- ASP.NET Framework 4.5
- Microsoft Office 2013
- IIS 8.5
- SQL Server 2012
- FileZilla (3.13.0 or above): Install the application and connect to the FTP site.
- Service account from ABC: Get a service account from ABC. This account is required to configure the application pool.
- Administrator rights: Get administrator rights to configure and deploy the application.

NOTE

- The prerequisites are also applicable while redeploying the application.
- All the images in this document are as per the Cybage environment settings environment.

ASP.NET FRAMEWORK 4.5

This section provides the procedure to verify if ASP.NET is enabled.

To verify if ASP.NET is enabled:

1. Go to **Control Panel > System and Security > Administrative Tools > Server Manager**.
The **Server Manager** window is displayed.
2. Select **Add Roles and Features**.
The **Add Roles and Features Wizard** window is displayed.
3. In **Add Roles and Features Wizard**, do the following:
 - a. Click **Before You Begin** menu, and then click **Next**.

- b. Click **Installation Type** menu, select **Role-based or feature-based installation**, and then click **Next**.
- c. Click **Installation Type** menu, select **Role-based or feature-based installation**, and then click **Next**.
- d. Click **Server Selection** menu , select **Select a server from the server pool**, and then from the **Server Pool** list, select the local server name, and then click **Next**.
- e. Click **Installation Type** menu, select **Role-based or feature-based installation**, and then click **Next**.
- f. Click **Server Selection** menu , select **Select a server from the server pool**, and then from the **Server Pool** list, select the local server name, and then click **Next**.
- g. Click **Server Roles** menu.
- h. In the **Roles** list, expand **Web Server (IIS) > Web Server > Application Development**, and then verify that the check boxes for **ASP.NET 3.5** and **ASP.NET 4.5** are selected.

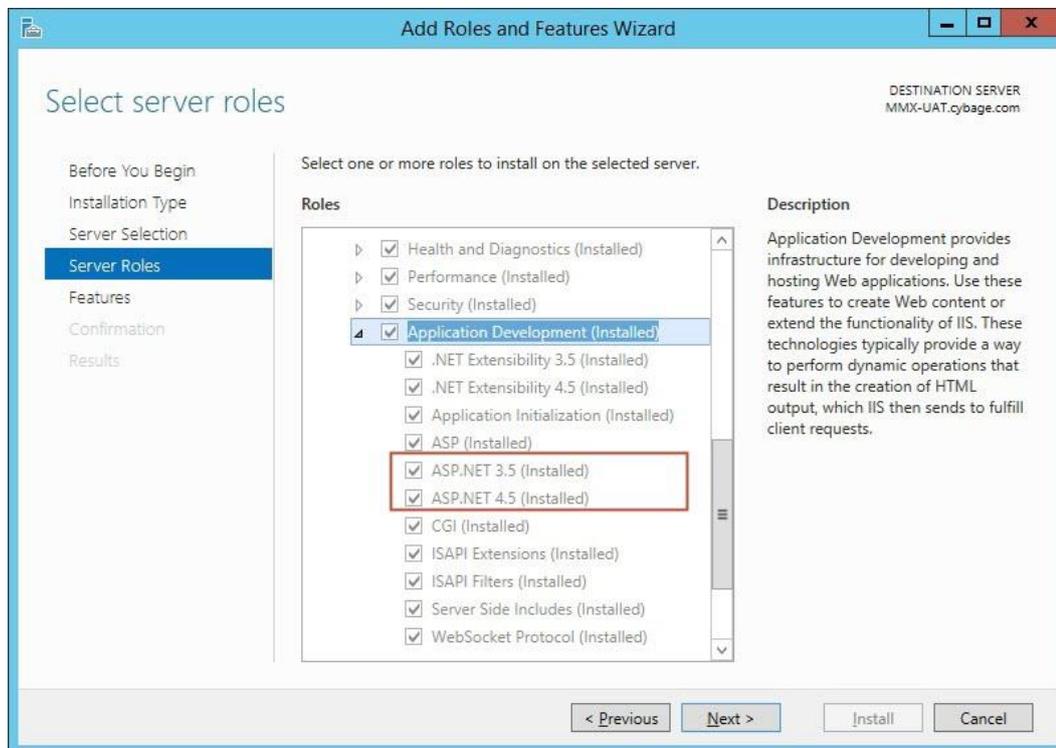


Figure 1 Enable ASP.NET framework 4.5

If ASP.NET is not enabled, you must enable it. To enable ASP.NET 3.5 and ASP.NET 4.5, see <http://www.iis.net/learn/install/installing-iis-85/installing-iis-85-on-windows-server-2012-r2>.

MICROSOFT OFFICE 2013

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MICROSOFT OFFICE 2013

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IIS 8.5

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SQL SERVER 2012

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CONFIGURATION AND DATABASE DEPLOYMENT

Solver configuration and database deployment is a one-time activity.

This section includes the following:

- Solver configuration
- Website configuration on the IIS
- Database deployment

SOLVER CONFIGURATION

The solver configuration includes the following:

- Solver environment setup
- Solver settings in Microsoft Excel

SOLVER ENVIRONMENT SETUP

This section consists of adding a user and providing full control permissions to the user to perform the configuration and deployment process.

To add a user and provide full control permissions:

1. Go to `C:\Windows\System32\config\systemprofile`.
2. Create a folder with the name **Desktop**.

NOTE If the Desktop folder already exists, skip step 2.

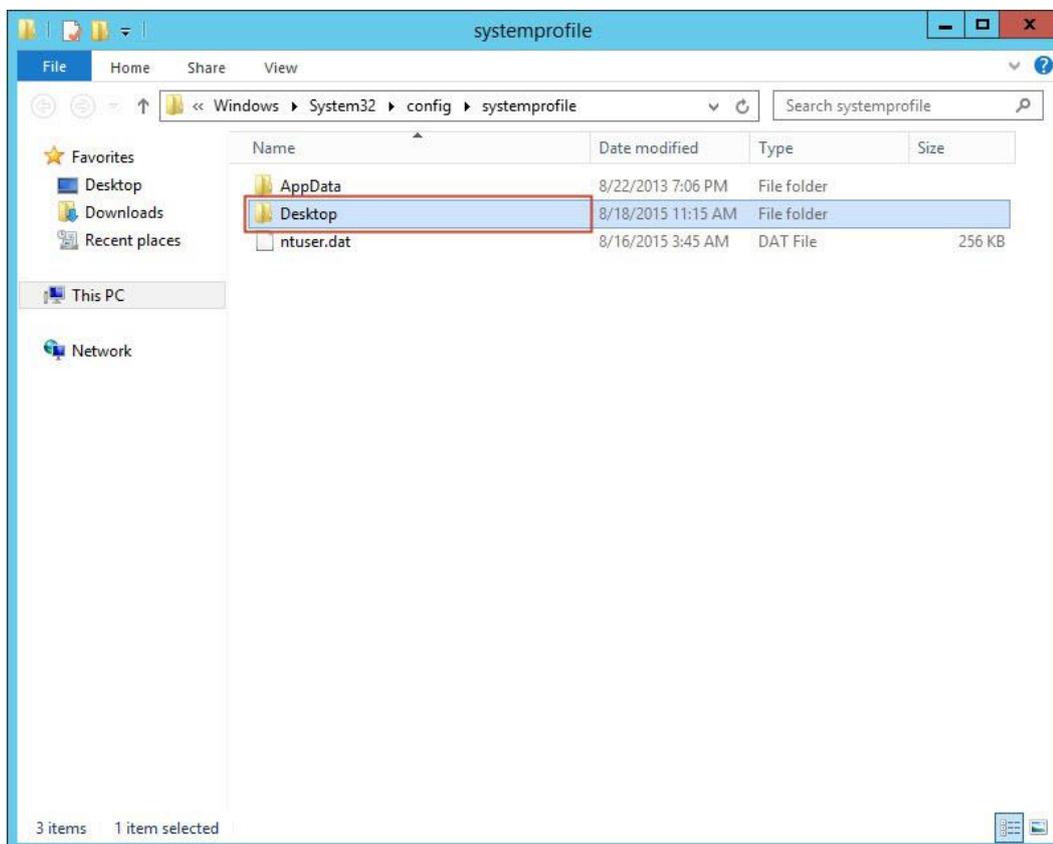


Figure 2 Systemprofile window

3. Right-click the **Desktop** folder, and then click **Properties** on the pop-up menu.

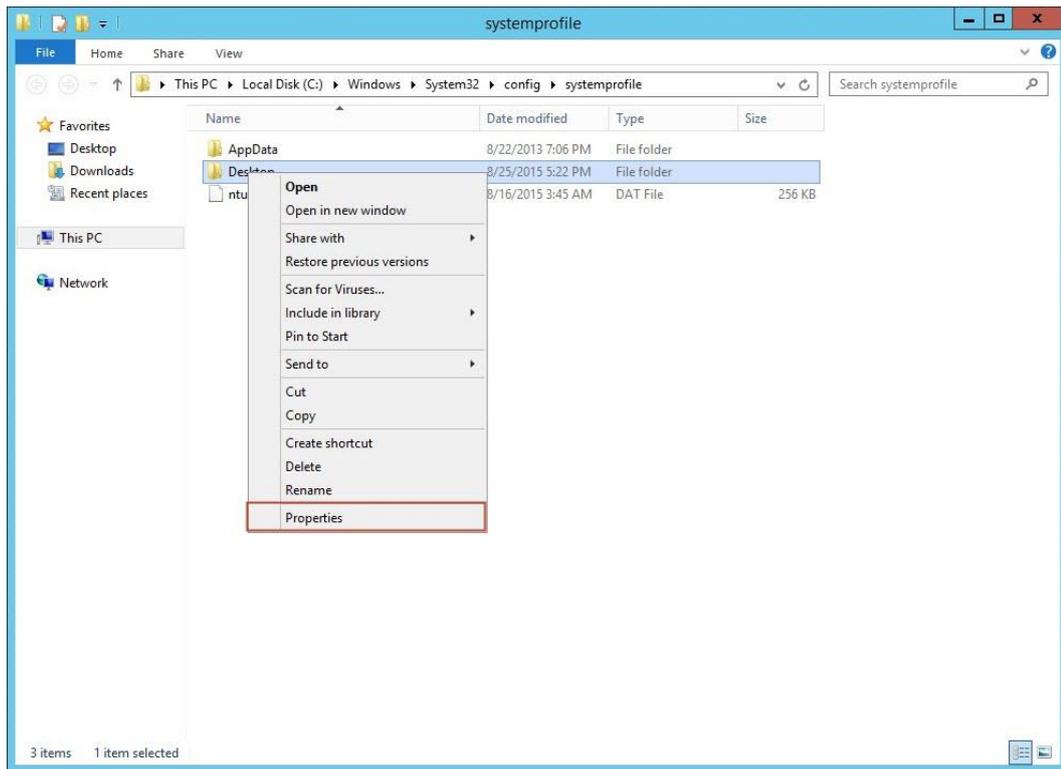


Figure 3 Properties command on the pop-up menu

The **Desktop Properties** dialog box is displayed.

4. In the **Desktop Properties** dialog box, click the **Security** tab, and then click **Edit**.

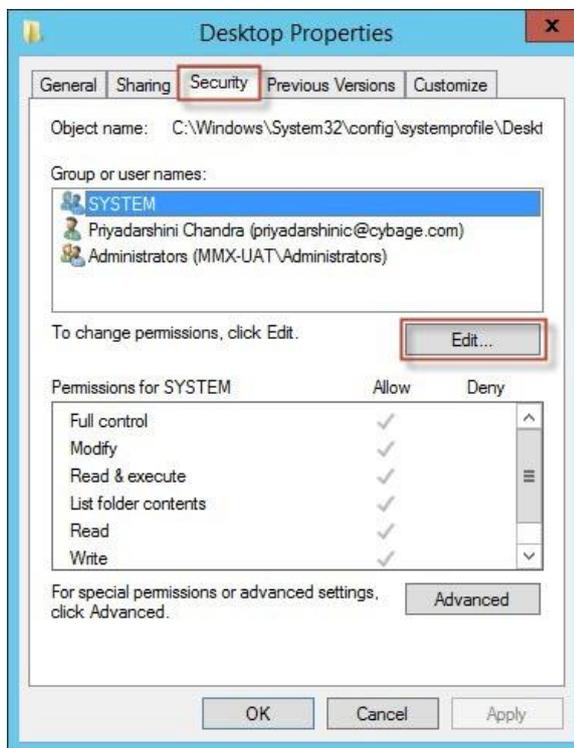


Figure 4 Desktop Properties dialog box

The **Permissions for Desktop** dialog box is displayed.

5. In the **Permissions for Desktop** dialog box, click **Add**.

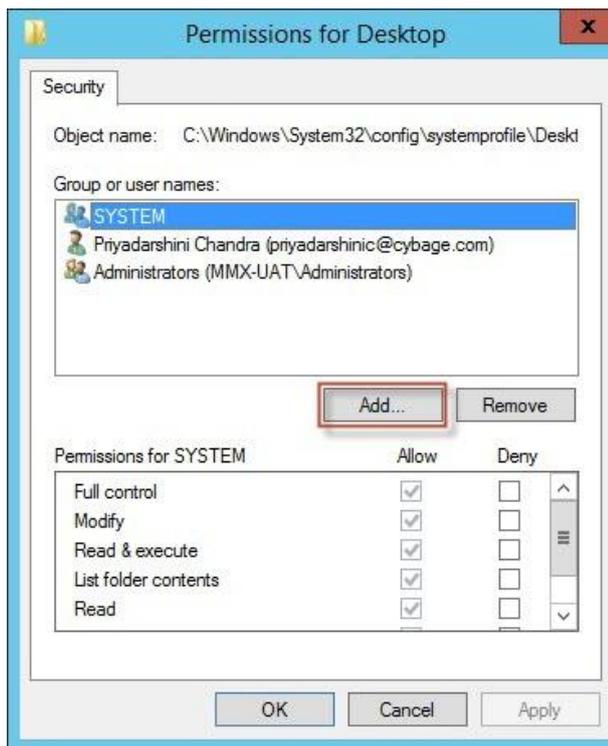


Figure 5 Permission for Desktop dialog box

The **Select Users, Computers, Service Accounts, or Groups** dialog box is displayed.

6. << Please note that this sample does not include the complete content in all the Chapters/Sections of this document. >>.

SOLVER SETTING IN MICROSOFT EXCEL

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ENABLING ADD-INS

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WEBSITE CONFIGURATION ON THE IIS SERVER

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DATABASE DEPLOYMENT

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POST DEPLOYMENT TESTING

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APPLICATION REDEPLOYMENT

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WEB BUILD DEPLOYMENT

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DATABASE CHANGES DEPLOYMENT

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APPLICATION ROLL-BACK INSTRUCTIONS

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APPLICATION CHANGE CONTROL POLICY

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