



NewgenONE OmniOMS

Administration Guide

Version: 12.0

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Preface

This section provides information about the revision history, about this guide, details on, the intended audience, related documents for this guide, and documentation feedback.

Revision history

Revision date	Description
October 2024	Initial publication

About this guide

This guide provides information on how to configure OmniOMS feature(s) and back-end operations using its configuration files. It provides a detailed description of the parameters that are responsible for the functioning of various features of OmniOMS. It also provides information on configuring Secret Manager.

To ensure you are referring to the latest and most recent revision of this guide, download it from one of the following locations:



- [Newgen Internal Doc Portal](#), if you are a Newgen employee.
- [Newgen Partner Portal](#), if you are a Newgen partner.

Intended audience

This guide is intended for systems administrators and users of OmniOMS who are responsible for configuring various features of OmniOMS. These users must have a medium to high level of knowledge about the working of the product.

Related documents

The following documents provide additional information about NewgenONE OmniOMS Administration:

- NewgenONE OmniOMS Release Notes
- NewgenONE OmniOMS Composition Designer User Guide
- NewgenONE OmniOMS Installation and Configuration Guide
- NewgenONE OmniOMS Admin Workspace User Guide
- NewgenONE OmniOMS Composition Designer Installation and Configuration Guide

Documentation feedback

To provide feedback or any improvement suggestions on technical documentation, write an email to docs.feedback@newgensoft.com.

To help capture your feedback effectively, share the following information in your email:

- Document name
- Version
- Chapter, topic, or section
- Feedback or suggestions

Configuring files in NewgenONE OmniOMS

NewgenONE OmniOMS has various features and back-end operations that are driven through a set of configuration files. These files are highly restrictive for users other than System Administrators or Admin. The system administrators or admin-type users use the configurations (.ini) files to configure various features and backend operations available in OmniOMS.

These are the different configuration files in OmniOMS:

- **CDG.ini** — This file contains a list of parameters to enable or disable features in Desktop Composition Designer (CDG). This file is available at the following Windows location:
C:\NewgenONE OmniOMS\OMS Composition Designer11.0\bin\ (Windows)
- **OMSAdminConfig.ini** — This file contains a list of parameters to enable or disable features in Admin Workspace. This file is available at the following JBoss EAP location:
C:\JBoss\JBoss_Build_XXX\jboss-eap-X.0.0\jboss-eap-X.0.0\bin\Newgen\NGConfig\OMSConfig\ (for JBoss EAP)
- **ofservices.ini** — This file contains a list of parameters to enable or disable features in the Admin Workspace. This file is available at the following location:
C:\JBoss\JBoss_Build_XXX\jboss-eap-X.0.0\jboss-eap-X.0.0\bin\Newgen\NGConfig\OMSConfig
- **OMSCommDesigner.ini** — This file contains a list of parameters for enabling and disabling the features in Communication Designer. This file is available at the following location:
C:\NewgenONE OmniOMS\jboss-eap-X.0.0\bin\Newgen\NGConfig\OMSConfig



It is advisable for system administrators or other admin users not to modify these configuration files until it is specifically required.

CDG.ini

CDG.ini is the configuration file for Desktop Composition Designer that contains multiple parameters to enable and disable various features of OmniOMS.

The following tables list the parameters available in the CDG.ini configuration file for:

- [Initial configuration](#)
- [Folder paths](#)
- [Functionality settings](#)

Initial configuration

Name	Mandatory (Yes or No)	Description	Valid values	Default values
FirstTime	Yes	<p>It specifies if Desktop Composition Designer is running for the first time or not. The JBoss and cabinet configuration is required for running the Designer for the first time.</p> <ul style="list-style-type: none"> • If <i>FirstTime</i> = Y, runs the Desktop Composition Designer as it must run for the first time and prompt the user to configure the JBoss and cabinet. • Once the user opens Composition Designer, then it gets set as <i>FirstTime</i> = N. 	Y/N	Y for the first time, N later



The *FirstTime* tag must be modified only when the administrator wants to modify either the JBoss or Cabinet association with the Composition Designer. Else, it must not be changed.

Folder paths

Name	Mandatory (Yes or No)	Description	Valid values	Default values
Layout	Yes	<p>It specifies the folder path for the Layout file.</p> <p>The layout folder stores the template's local copy of <i>Layout.xml</i> which has information on all the elements used in the template.</p> <p>This tag is set as per the input provided by the user during installation.</p>	Folder Path	<i>C:\NewgenONE OmniOMS\OMS Composition Designer12.0\Layout</i>
Images	Yes	<p>It specifies the folder path for the image file (.tiff) of the templates.</p> <p>A tiff file contains all the images used in the template.</p>	Folder Path	<i>C:\NewgenONE OmniOMS\OMS Composition Designer12.0\ Images</i>
Template	Yes	<p>It specifies the folder path for the temporary template files.</p> <p>These files contain information related to the templates.</p>	Folder Path	<i>C:\NewgenONE OmniOMS\OMS Composition Designer12.0\ Template</i>
Relation	Yes	<p>It specifies the folder path for the Relation file of the templates (.xml). Each template folder consists of the dataset file (.xsd) and the relation file. The relation file (<i>relation.xml</i>) is responsible for maintaining the hierarchical dependencies of the DB elements.</p>	Folder Path	<i>C:\NewgenONE OmniOMS\OMS Composition Designer12.0\Relation</i>
Message	Yes	<p>It specifies the folder path for the Message file (.xml).</p> <p>The .xml files contain the password information of the password-protected reports.</p>	Folder Path	<i>C:\NewgenONE OmniOMS\OMS Composition Designer12.0\Messages</i>

Name	Mandatory (Yes or No)	Description	Valid values	Default values
Log	Yes	It specifies the folder path for the Log files of the Desktop Composition Designer.	Folder Path	C:\NewgenONE OmniOMS\OMS Composition Designer12.0\Logs



Administrators are advised not to modify the paths of the Folder Tags (Layout, Images, Template, Relation, Message, Log) using the CDG.ini file until necessary.

Functionality settings

Name	Mandatory (Yes or No)	Description	Valid values	Default value
EnableMakerChecker	Yes	<p>Enables or disables the Maker-Checker functionality.</p> <ul style="list-style-type: none"> • If EnableMakerChecker=Y, then Maker-Checker gets enabled, and it is mandatory to set EnableRightManagement=Y. • If EnableMakerChecker=N, the Maker-Checker gets disabled. 	Y/N	N

Name	Mandatory (Yes or No)	Description	Valid values	Default value
EnableRightManagement	Yes	<p>Enables or disables the Rights Management functionality.</p> <ul style="list-style-type: none"> • If EnableRightManagement = Y, then Rights Management gets enabled. Only the templates that are created while EnableRightManagement=Y are visible and can be assigned to different users. • If EnableRightManagement = N then the Rights Management gets disabled. <p>It is recommended not to modify this tag as this makes the templates visible or invisible depending on which mode they have been created. For Example,</p> <ul style="list-style-type: none"> • Templates which are created when EnableRightManagement = N is visible only if the rights management is in disabled mode and vice versa. 	Y/N	N
EnableiBPSApprovalWorkflow	No	<p>Enables or disables the template approval (in iBPS) workflow option in Composition Designer.</p> <ul style="list-style-type: none"> • If EnableiBPSApprovalWorkflow = Y, then the Map Approval Workflow option appears in Composition Designer. • If EnableiBPSApprovalWorkflow = N, then the Map Approval Workflow option does not appear in Composition Designer. 	Y/N	N

Name	Mandatory (Yes or No)	Description	Valid values	Default value
EnableMigration	Yes	Enables or disables the migration of all Templates from Composition Designer. <ul style="list-style-type: none"> • If EnableMigration = Y, then template migration occurs. • If EnableMigration = N, then template migration does not occur. 	Y/N	N
EnableWordOutput	Yes	Enables or disables the Word format (.doc/.docx) as the Output Format in Composition Designer. <ul style="list-style-type: none"> • If EnableWordOutput = Y, then Word (.doc/.docx) output format gets enabled. • If EnableWordOutput = N then (.doc/.docx) output format gets disabled. 	Y/N	N
EnableExcelOutput	No	Enables or disables the Excel format (.xls,.xlsx,.csv) as the Output Format in Composition Designer. <ul style="list-style-type: none"> • If EnableExcelOutput = Y, then Excel (.xls,.xlsx,.csv) output format gets enabled. • If EnableExcelOutput = N then (.xls,.xlsx,.csv) output format gets disabled. 	Y/N	N
EnableCloudTrace	Yes	Enables or disables the log trace for the webservices used in Composition Designer. These logs are stored in Tracelogs of Log Folder. <ul style="list-style-type: none"> • If EnableCloudTrace = Y, then logging of web service trace gets enabled • If EnableCloudTrace = N, then logging of the web service trace gets disabled. 	Y/N	N

Name	Mandatory (Yes or No)	Description	Valid values	Default value
WebServiceTimeOutInSec	Yes	It specifies the timeout bound in seconds for web service calls used in Composition Designer.	Integer	100
EnableAutoRelativity	Yes	Enables or disables the Auto relativity functionality that helps to set a relative positioning for the controls in the report. <ul style="list-style-type: none"> • If EnableAutoRelativity = Y, then Auto-relativity gets enabled • If EnableAutoRelativity = N, then Auto-relativity gets disabled. 	Y/N	N
EnableAutoAlignment	Yes	Enables or disables the Auto alignment functionality to help set a fixed indentation for the controls being added to the report and positioning for the controls in the report. <ul style="list-style-type: none"> • If EnableAutoAlignment = Y, then Auto-alignment gets enabled • Else If EnableAutoAlignment = N, then Auto-alignment gets disabled. 	Y/N	N
AutoSaveTriggerInMin	Yes	Specifies the time in minutes for triggering the Save option for the templates.	Integer	15
RestorationRequired	Yes	Enables or disables the restoration of the last closed state of the Composition Designer. The RestorationRequired is set as Y or N based on the user input for the 'Remember Choice' option in the restoration message window.	Y/N	N

Name	Mandatory (Yes or No)	Description	Valid values	Default value
ShowRestorationMessage	Yes	<p>Enables or disables the display of restoration message right after Composition Designer login. This helps the users to reinstate the last closed state of Composition Designer.</p> <ul style="list-style-type: none"> • If ShowRestorationMessage = Y, then the restoration message appears. • Else If ShowRestorationMessage = N, the restoration message does not appear. • Also, If RestorationRequired=Y. This is set to N. 	Y/N	Y
ImportSystemTemplates	Yes	<p>Enables or disables the import of system's sample templates to the Sample Templates Library.</p> <ul style="list-style-type: none"> • If ImportSystemTemplates = Y and no templates are present in the Sample Templates Library, then the system's sample templates get imported. • If ImportSystemTemplates = N, then the System's sample templates are not imported into the library. 	Y/N	Y
SortbyDate	Yes	<p>Enables or disables the sorting of reports and dataset by creation date and time.</p> <ul style="list-style-type: none"> • If SortbyDate = Y, then reports and dataset get sorted by creation date and time. • If SortbyDate = N, reports and datasets maintain their default sort, that is by name. 	Y/N	N

Name	Mandatory (Yes or No)	Description	Valid values	Default value
OrderbyDescending	Yes	<p>Enables or disables the sorting of reports and dataset in descending order. In combination with the SortbyDate parameter, it generates the following results:</p> <ul style="list-style-type: none"> • If SortbyDate = Y and OrderbyDescending = N, then reports and dataset get sorted in ascending order of creation date and time. • If SortbyDate = Y and OrderbyDescending = Y, then reports and dataset get sorted in descending order of creation date and time. • If SortbyDate = N and OrderbyDescending = N, then reports and dataset get sorted in ascending order of name. • If SortbyDate = N and OrderbyDescending = Y, then reports and dataset get sorted in descending order of name. 	Y/N	N



In order to reflect any changes made to these configuration files, the Desktop Composition Designer must be restarted.

OMSAdminConfig.ini

The OMSAdminConfig.ini file is the configuration file of OmniOMS which contains various parameters responsible for enabling/disabling a few configurable features in Admin Workspace and backend operations of OmniOMS.

The following tables list the parameters available in the *OMSAdminConfig.ini* configuration file for:

- [App server details](#)
- [Admin Workspace functionalities](#)
- [Backend operation](#)
- [Container deployment configurations](#)

App server details

Name	Mandatory (Yes or No)	Description	Valid values	Default value
serverip	Yes	Server IP of App Server.	IP Format	127.0.0.1
serverport	Yes	Server Port of the App Server.	Integer	8080
AppServerType	Yes	Specifies the type of App Server.	JBossEAP, WebSphere, WebLogic	This is set as per the input by the user during installation.
SupportServer	Yes	Specifies the supported App Server types. No change is required by the user. This parameter should not be modified.	JBossEAP, WebSphere, WebLogic	JBossEAP, WebSphere, WebLogic

Admin Workspace functionalities

Name	Mandatory (Yes or No)	Description	Valid values	Default value
DateFormat	Yes	Specifies the date format to be used across the Admin Workspace. The DateFormat should be as per the global date format standards.	Date Format	MM/dd/yyyy
BatchSize	Yes	Specifies the No. of records to be displayed in the Admin Workspace in those screens wherever pagination functionality is provided.	Integer	10

Name	Mandatory (Yes or No)	Description	Valid values	Default value
EnableAutoRefresh	Yes	<p>Enables/Disables the Auto-refresh functionality in the Services and Jobs Monitoring Screens in Admin Workspace.</p> <p>If EnableAutoRefresh = Y, then Auto Refresh is enabled in the Services and Jobs Monitoring Screens in Admin Workspace.</p> <p>Else If EnableAutoRefresh = N, then Auto Refresh is disabled in the Services and Jobs Monitoring Screens in Admin Workspace.</p>	Y/N	Y
AutoRefreshTime	Yes	<p>Specifies the Auto-refresh rate in seconds.</p> <p>This is applicable in the Services and Jobs Monitoring Screens in Admin Workspace.</p>	Integer	15

Name	Mandatory (Yes or No)	Description	Valid values	Default value
ScheduleService	No	<p>Enables/Disables triggering of the automatic schedule service which is responsible for creating job instances.</p> <p>If tag value is "Y" then system will create a schedule service and execute it automatically for every 4 hours.</p> <p>Else, If ScheduleService = N, then the automatic schedule service is disabled, and users should handle the creation the job instances externally by running this schedule service.</p>	Y/N	N

Name	Mandatory (Yes or No)	Description	Valid values	Default value
EnableLDAP	No	<p>Enables/Disables support for LDAP Integration in Admin Workspace -> Users.</p> <p>If EnableLDAP = Y, then the LDAP Integration is enabled in Admin Workspace -> Users.</p> <p>Else If EnableLDAP = N, then the LDAP Integration is disabled in Admin Workspace -> Users.</p>	Y/N	N
LDAPCabinets	No	<p>Specifies the list of cabinet names where LDAP is enabled.</p> <p>The cabinet names must be separated with comma(,)</p>	String	
directoryService	Yes	<p>Specifies the value for directory service for LDAP Integration.</p> <p>If enable LDAP=Y then specify the directoryService = 'ActiveDS' or 'AzureAD' as per the requirement.</p> <p>This parameter must be set only if LDAP=Y.</p>	ActiveDS, AzureAD	NA

Name	Mandatory (Yes or No)	Description	Valid values	Default value
CoBranding	Yes	To enable co-branding in OmniOMS web modules except for the NewgenONE OmniOMS Communication Designer, set the parameter value to "Y". Else, set it as "N".	Y/N	N
isEncryptForCustom	Yes	To encrypt the sessionid passed to the custom tab implementation, set the parameter value to "Y". Else set it as "N".	Y/N	N

Backend operations

Name	Mandatory (Yes or No)	Description	Valid values	Default value
AutoScale	Yes	Enables/Disables the Autoscaling and Descaling of services. If AutoScale = Y, then Autoscaling and Descaling of services are enabled. Else If AutoScale = N, then Autoscaling and Descaling of services are disabled. In the case of High Availability (HA) environment, if the Autoscale checkbox is checked while creating service, then only those respective services of the associated App Server will be displayed on the Services Monitoring screen in Admin Workspace.	Y/N	N
OnDemandGenPool	Yes	Specifies the number of OnDemand Generation requests that can be processed by a server in parallel. If OnDemandGenPool = -1, then it processes unlimited No. of OnDemand generation requests. Else it processes the No. of OnDemand generation requests in parallel as specified.	Number	20
BulkGeneration	Yes	Enables/Disables bulk generation of communications in case of Oracle DB Implementations. If BulkGeneration = Y, then the Bulk generation of communications is enabled to improve the performance Else If BulkGeneration = N, then bulk generation of communications is disabled. This parameter is applicable for Oracle DB implementations only.	Y/N	Y
CDGSSO	Yes	To enable SSO login in Composition Designer, set the parameter value to "Y". Else, set it as "N".	Y/N	N

Name	Mandatory (Yes or No)	Description	Valid values	Default value
OtelEnable	Yes	Enables or Disables the export of tracing and metric data with the help of an open telemetry Java agent.	Y/N	Y
mailWASLiberty	No	Enable the mail feature for the WebSphere Application Server (WAS) Liberty profile.	Y/N	N

Container deployment configurations

Name	Mandatory (Yes or No)	Description	Valid values	Default value
IsCloud	Yes	Enables/ Disables the Autoscaling and Descaling of services in case of AWS or MS Azure Container environment. If IsCloud = Y, then the Autoscaling and Descaling of services will be enabled Else If IsCloud = N, then the Autoscaling and Descaling of services will be disabled.	Y/N	N

Name	Mandatory (Yes or No)	Description	Valid values	Default value
ContainerServerIP	Yes	Specifies the Deployment Name of the AWS or MS Azure Container.	Name	

 You must restart the app server to reflect the changes made after making changes to these configurations.

ofservices.ini

The ofservices.ini file is a configuration file in OmniOMS that contains parameters responsible for enabling or disabling configurable features in OMSServices.

The following table lists the parameters available in the ofservices.ini configuration file:

Name	Mandatory (Yes or No)	Description	Valid Values	Default Values
SecretManager	Yes	When the value of SecretManager is set to "Y," the userName and Password of OMSServices login get validated from the Secret Manager. Conversely, when the value of SecretManager is set to "N," the userName and Password of OMSServices login get validated from the CSUsers.xml file.	Y/N	N

Name	Mandatory (Yes or No)	Description	Valid Values	Default Values
sec_manager_name	Yes	When the value of sec_manager_name is set to "Y," the end user is required to provide the name of the sec_manager_name. Conversely, when the value of sec_manager_name is set to "N", it is permissible for the field to remain empty.	Empty or secretManagerName	Empty
EnableSession	Yes	When the value of EnableSession is set to "Y", the session ID is passed to all APIs and undergoes validation by each API.	Y/N	N
InvalidLoginAttemptCount	Yes	When EnableSession is set to "Y," you can specify an integer value for InvalidLoginAttemptCount. This value determines the number of invalid logins attempts after which the user gets locked. If you set the value of InvalidLoginAttemptCount to "-1", it indicates that the user does not get locked regardless of the number of invalid login attempts	-1 or Integer Value	-1

Name	Mandatory (Yes or No)	Description	Valid Values	Default Values
LockOutTime	Yes	<p>When EnableSession is set to "Y," you can specify the LockOutTime in minutes, determining the duration for which a user remains locked after exceeding the maximum invalid login attempts.</p> <p>If you set the value of LockOutTime to "-1", it indicates that the user does not get locked.</p>	-1 or time in minutes	-1
CacheHost	Yes	<p>When EnableSession is set to "Y" and OMSServices.war is deployed on a cloud environment, it is mandatory to provide the Redis cache host.</p>	Empty or Redis cache port	Empty
CachePort	Yes	<p>When EnableSession is set to "Y" and OMSServices.war is deployed on a cloud environment, it is required to provide the Redis cache port.</p>	Empty or Redis cache port	Empty

OMSCommDesigner.ini

This topic provides information on the configuration parameters available in the *OMSCommDesigner.ini* file. This file is the configuration file for the Communication Designer that contains all the parameters required to enable or disable its features, such as rights management, maker checker, and others.

Parameter	Mandatory (Yes or No)	Description	Valid values	Default value
PreviewInNewTab	No	<p>It allows you to preview the communication template in a new browser tab.</p> <ul style="list-style-type: none"> Set the PreviewInNewTab parameter to Y to preview the template in a new browser tab. Set the PreviewInNewTab parameter to N to preview the template in the existing browser tab. 	Y/N	N
enableRight Management	No	<p>It allows you to enable or disable the rights management functionality in the Communication Designer.</p> <ul style="list-style-type: none"> Set the enableRightManagement parameter to Y to enable the rights management feature. Once enabled, the Rights Management icon appears at the lower-right corner of the Communication Designer home page. Set the enableRightManagement parameter to N to disable the rights management feature. 	Y/N	N

Parameter	Mandatory (Yes or No)	Description	Valid values	Default value
enableMakerChecker	No	<p>It allows you to enable or disable the maker checker functionality in the Communication Designer.</p> <ul style="list-style-type: none"> Set the enableMakerChecker parameter to Y to enable the maker checker feature. Once enabled, the Maker Checker icon appears at the lower-right corner of the Communication Designer home page. Set the enableMakerChecker parameter to N to disable the maker checker feature. 	Y/N	N

Configuring secret manager in OMSAdminConfig.ini

The Secret Manager is a tool or service that securely stores sensitive information such as passwords, secret keys, API keys, and more. It provides a centralized and secure location to store and manage these values, reducing the risk of exposing sensitive information.

For the NewgenONE OmniOMS Admin Workspace, you can store the account password and client secret key in the AWS Secret Manager and retrieve them dynamically during runtime. Once you enabled the Secret Manager, the fields for the Client Secret (in the case of Office 365 mail protocol) and Password (in the case of SMTP, POP3, and IMAP mail protocols) appear disabled when creating a Mail Channel or Bounce Mail Channel. The Admin Workspace fetches the corresponding values from the Secret Manager based on the key value specified in the OMSAdminConfig.ini file.

To configure the Secret Manager in the OMSAdminConfig.ini file, follow the below steps:

1. Open the *OMSAdminConfig.ini* file.
2. Set the value of *SecretManager* to "Y" to enable the AWS Secret Manager integration.
3. Specify the key value for accessing the Account Password and Client Secret from the AWS Secret Manager. The format is as follows:

`<CabinetName>_OMS_<ModuleName>_<ChannelName>=<SecretManagerKey>`

For example, if the cabinet name is *newgenOmniOMScabinet*, the module name is *OMSAdminWorkspace*, and the channel name is *ChannelOMS*, the configuration will be as follows:

```
newgenOmniOMScabinet_OMS_OMSAdminWorkspace_ChannelOMS=
CHANNELOMSCREDENTIALS
```

In this example, *CHANNELOMSCREDENTIALS* represents the key in the AWS Secret Manager where the Account Password and Client Secret values are present.



To store the account password and client secret in the AWS Secret Manager, adhere to the format provided below:

- AccountPassword — <SpecifyYourPassword>
- ClientSecret — <SpecifyClientSecretKey>

The parameters *AccountPassword* and *ClientSecret* are case-sensitive and must be declared exactly as shown here.