Installation guide: India GST Update 2 for Microsoft Dynamics AX 2012 R3

This document walks you through the process of installing the India GST Update 2 hotfix for Microsoft Dynamics AX 2012 R3 and setting up your data for Goods and Services Tax (GST).

White paper February 2018

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Contents

Installing the hotfix	3
Install the hotfix	3
Install the hotfix for Retail	4
Setting up data after hotfix installation	5
Scenario: First-time data setup for India GST	5
Scenario: Upgrade setup data (Upgrade from a GA system)	5
Scenario: Upgrade setup data (Upgrade from an Update 1 system)	6
Upgrade setup data	6
Upgrade data by steps	6
Upgrade data by merged steps	12
Upgrade data by merged batch steps	14
Download and import the India GST Update 2 GSTR report configurations	18
Enable the enhanced log feature	19
Set up data for Retail	23
Reinitialize Retail	23
Schedule download distribution jobs	23

Installation guide: India GST Update 2 for Microsoft Dynamics AX 2012 R3

This document walks you through the process of installing the India GST Update 2 release for Microsoft Dynamics AX 2012 R3 and setting up your data for Goods and Services Tax (GST). This document covers the following scenarios:

- An India GST release isn't yet installed on your system.
- The India GST General Availability (GA) release is already installed and set up on your system.
- The India GST Update 1 release is already installed and set up on your system.

Installing the hotfix

Follow these general steps to install the hotfix. For hotfix installation instructions, see <u>How to install a Microsoft</u> <u>Dynamics AX hotfix</u>.

During installation, make sure that you complete the following tasks:

- Fix over-layering issues.
- Do a full compilation.
- Do a full generation of the intermediate language (IL) before you use it. Otherwise, you might encounter an issue where you can calculate tax in General ledger, but you can't calculate tax for purchase orders and sales orders.

Install the hotfix

1 Install both the kernel fix and the application fix for KB4058327 for India GST.

Note: You can download the KB from the following link:

http://download.microsoft.com/download/7/A/8/7A8F61AF-B208-44D7-B34C-3EE912A663E4/KB4058327-6.3.6000.4155.zip

- 2 Verify that the installation worked. Under C:\Program Files\Microsoft Dynamics AX\60\Server\MicrosoftDynamicsAX\bin, verify that there are 12 dynamic-link libraries (DLLs):
 - Microsoft.Dynamics365.ElectronicReportingMapping.dll
 - Microsoft.Dynamics365.LocalizationFramework.dll
 - Microsoft.Dynamics365.LocalizationFrameworkCore.dll
 - Microsoft.Dynamics365.Tax.Core.dll
 - Microsoft.Dynamics365.Tax.DataAccessFramework.dll
 - Microsoft.Dynamics365.Tax.DataAccessor.dll
 - Microsoft.Dynamics365.Tax.DataModel.dll
 - Microsoft.Dynamics365.Tax.MetadataGenerator.dll
 - Microsoft.Dynamics365.Tax.Reports.dll
 - Microsoft.Dynamics365.XppSupportLayer.dll

- Microsoft.Z3.dll
- libz3.dll
- 3 Verify that the build number (file or product version) of Microsoft.Dynamics365.Tax.Core.dll is 1.0.21.0.

Microsoft.Dynamics365.Tax.Core.dll Properties	x
General Digital Signatures Security Details Previous Versions	
Property Value Description File description File description Microsoft.Dynamics365.Tax.Core Type Application extension File version 1.0.21.0 Product name Microsoft Tax Engine Product version 1.0.21.0 Copyright © 2017 Microsoft.All rights reserved. Size 269 KB Date modified 1/30/2018 11:26 AM Language Language Neutral Legal trademarks Microsoft Dynamics 365.Tax.Core.dll	
OK Cancel Apply	

Install the hotfix for Retail

If you use Microsoft Dynamics AX for Retail, you must also follow these steps.

- 1 Install the kernel fix for KB4058327 for India GST, and select the required Retail components.
- 2 For the binary fix, follow the guidance in <u>Deploy updates in a retail environment [AX 2012]</u>.

If you must change the Retail C# code, you must install the Retail software development kit (SDK).

For information about centralized deployment of updates to the Retail components, see <u>Mass deploy retail</u> <u>updates and customizations by using System Center Configuration Manager [AX 2012]</u>.

- **3** Verify that the installation worked:
 - **a** For the application part, click **Retail** > **Periodic** > **Data distribution** > **Distribution scheduler**, and verify that the **Generic tax engine** job (1180) exists.
 - **b** For the binary part, verify that the following files exist under **C:\Program Files\Microsoft Dynamics AX\60\Retail POS**:
 - Services\Microsoft.Dynamics365.ElectronicReportingMapping.dll
 - Services\Microsoft.Dynamics365.LocalizationFramework.dll
 - Services\Microsoft.Dynamics365.LocalizationFrameworkCore.dll
 - Services\Microsoft.Dynamics365.Tax.Core.dll
 - Services\Microsoft.Dynamics365.Tax.DataAccessFramework.dll
 - Services\Microsoft.Dynamics365.Tax.DataAccessor.dll
 - Services\Microsoft.Dynamics365.Tax.DataModel.dll
 - Services\Microsoft.Dynamics365.XppSupportLayer.dll
 - Services\x86\Microsoft.Z3.dll
 - Services\x86\libz3.dll
 - c Verify that the build number (file or product version) of Microsoft.Dynamics365.Tax.Core.dll is **1.0.21.0**.

Setting up data after hotfix installation

Use the information in one of the following sections, depending on the scenario that applies to you.

Scenario: First-time data setup for India GST

If you've never installed the India GST GA release on your system, and you just completed the installation of the India GST Update 2 hotfix, use the following information to set up your system's data.

- 1 Follow the steps in Tax Engine (AX 2012) demo script to set up GST-related data.
- 2 Follow the steps in the "Set up the new functionality that is available in India GST Update 1" section of <u>Installation</u> <u>guide: India GST Update 1 for Microsoft Dynamics AX 2012 R3</u> to set up a number sequence for the GST reference.
- **3** Follow the steps in the <u>Download and import the India GST Update 2 GSTR report configurations</u> section of this document.

Scenario: Upgrade setup data (Upgrade from a GA system)

- 1 Follow the steps in the "Set up the new functionality that is available in India GST Update 1" section of <u>Installation guide: India GST Update 1 for Microsoft Dynamics AX 2012 R3</u> to set up a number sequence for the GST reference.
- 2 Follow the steps in the <u>Download and import the India GST Update 2 GSTR report configurations</u> section of this document.
- 3 Follow the steps in the Upgrade setup data section of this document to do the data upgrade.

Scenario: Upgrade setup data (Upgrade from an Update 1 system)

- 1 Follow the steps in the <u>Download and import the India GST Update 2 GSTR report configurations</u> section of this document.
- 2 Follow the steps in the <u>Upgrade setup data</u> section of this document to do the data upgrade.

Upgrade setup data

If you've installed the India GST GA or GST Update 1 release on your system, and you want to use the GSTR report for transactions that were posted before you installed GST Update 2, you must use one of following scripts to upgrade those transactions:

- **Upgrade data by steps** This script has five steps. If you've already done some steps by using the Ax2012R3_UpgradeScript script that was previously released, you should use this script.
- Upgrade data by merged steps In this script, the five steps from the Upgrade data by steps script are merged into two steps, to make the upgrade process more efficient. This script works for databases where a GST upgrade script has never been run.
- Upgrade data by merged batch steps This script resembles the Upgrade data by merged steps script, and the prerequisites are also the same. The difference is that you can schedule the upgrade through a batch by dividing the transactions into several pieces.

Note: After you install GST Update 2, you don't have to finish the data upgrade before you post new transactions.

Upgrade data by steps

Download and unzip the upgrade script

The upgrade script is available on the Microsoft Download center, at the following link:

http://download.microsoft.com/download/8/6/C/86C1E5FC-F248-45AB-B4F8-0E29D9883F45/GSTUpdate2UpgradeScript AX2012R3.zip

You must download the zip file and unzip it before you can complete the remaining procedures.

Initialize Tax engine metadata

This procedure is required after you install KB4058327 and before you can post transactions.

- 1 Click General ledger > Setup > Sales tax > India > Tax setup.
- 2 Click Initialize to reinitialize Tax engine metadata.
- 3 Import the Ax2012R3_UpgradeScript_BySteps.xpo script file.
- 4 In the script, find the createAttrMappingAndClearCache job, and run it.
- 5 In the script, find the **updateBusinessVerticalsTable** job, and run it.

Upgrade existing posted tax document transactions

If there are existing transactions in the system, you must complete this procedure to upgrade the existing transitions before you can run the **GSTR1, GSTR2, and GSTR1 offline tool** reports. If you don't update all existing transactions, these reports will have incorrect information. If you have many existing transactions, it might take a long time to upgrade all the transactions together. Therefore, you can upgrade the transactions in smaller batches instead. While you upgrade existing transactions, users can continue to post new transactions.

Note: If you've already finished some of the steps, just continue for the remaining steps.

- 1 Import the Ax2012R3_UpgradeScript_BySteps script.
- 2 In the script, open the form at Form\UpgradePostedTaxDocumentTransactions.
- 3 On the Step 1 Steps tab, review the following fields:
 - **Count of transactions need to be upgraded** This field shows the total number of existing transactions that should be upgraded.
 - **Count of remaining transactions** This field shows the number of remaining transactions that should be updated.
- 4 In the **How many records that you want to update?** field, enter the number of transactions to upgrade, and then click **Update**.

5	GST upgrade script with steps (2 - ceu)	_ D X
File 👻		
• Step 1 - Steps Step 2 - Steps Step 3 - Steps Step 4 - Steps Step 5 - Steps	Step 1 : Upgrade the GST transactions information General Count of transactions need to be upgraded: 24 Upgrade How many records that you want to update? Update 0	
All posted transactions that need to	be updaed.	Close



- 5 After all the records have been updated on the **Step 1 Steps** tab, notice that the value of the **Count of remaining transactions** field is **0** (zero).
- 6 On the **Step 2 Steps** tab, in the **How many records that you want to update?** field, enter the number of transactions to upgrade, and then click **Update**.

	GST upgrade script with steps (2 - ceu)	_ 🗆 X
File 🔻		
Step 1 - Steps	Step 2 : Upgrade the GST reference transactions information	
Step 3 - Steps	General Count of transactions need to be upgraded:	
Step 4 - Steps	Count of remaining transactions: 24	
Step 5 - Steps	Upgrade How many records that you want to update? 0 Update	
All posted transactions that need to	be updaed.	Close

7 After all the records have been updated on the **Step 2** - **Steps** tab, notice that the value of the **Count of remaining transactions** field is **0** (zero).

8 On the **Step 3 - Steps** tab, in the **How many records that you want to update?** field, enter the number of transactions to upgrade, and then click **Update**.

5	GST upgrade script with steps (2 - ceu)
File 👻	
Step 1 - Steps	Step 3 : Upgrade reasoncode/base amount etc
Step 2 - Steps	General
Step 3 - Steps	Count of transactions need to be upgraded:
Step 4 - Steps	Count of remaining transactions: 27
Step 5 - Steps	Upgrade
	How many records that you want to update?
	Update
All product have been also as the	
All posted transactions that need to	Close

9 After all the records have been updated on the **Step 3 - Steps** tab, notice that the value of the **Count of remaining transactions** field is **0** (zero).

10 On the **Step 4 - Steps** tab, in the **How many records that you want to update?** field, enter the number of transactions to upgrade, and then click **Update**.

	GST upgrade script with steps (2 - ceu)	_ 🗆 X
File 👻		
File Step 1 - Steps Step 2 - Steps Step 3 - Steps Step 4 - Steps Step 5 - Steps	Step 4: Update baseAmount, GSTTransactionInNumSeq etc. General Count of transactions need to be upgraded: Count of remaining transactions: 27 Upgrade Mow many records that you want to update? 0 Update (g)	
All posted transactions that need to	be updaed.	Close:

11 After all the records have been updated on the **Step 4 - Steps** tab, notice that the value of the **Count of remaining transactions** field is **0** (zero).

12 On the Step 5 - Steps tab, click first Update button if you need to update transaction id for STO receiving and click second Update button if you need to update transaction id for payment. If you want to update both, you need to wait for the first one to complete and then click the second one.

9	GST upgrade script with steps (2 - ceu)	_		x
File 👻				0
File - Step 1 - Steps Step 2 - Steps Step 3 - Steps • Step 5 - Steps	Step 5 Update transaction id for STO receiving Update (n) Update transaction id for payment Update (j)			•
All posted transactions that need to	be updaed.		Close	

The following messages are just for your information and do not require you to take any action. Message (11:59:41 am) 10 records have been updated
Message (11:59:41 am)
10 records have been updated
Clear Close (g)

- **13** After all the records have been updated on the **Step 5 Steps** tab, notice that the value of the **Count of remaining transactions** field is **0** (zero).
- **14** You can now close the form.

Upgrade data by merged steps

Download and unzip the upgrade script

The upgrade script is available on the Microsoft Download center, at the following link:

http://download.microsoft.com/download/8/6/C/86C1E5FC-F248-45AB-B4F8-0E29D9883F45/GSTUpdate2UpgradeScript AX2012R3.zip

You must download the zip file and unzip it before you can complete the remaining procedures.

Initialize Tax engine metadata

This procedure is required after you install KB4058327 and before you can post transactions.

- 1 Click General ledger > Setup > Sales tax > India > Tax setup.
- 2 Click Initialize to reinitialize Tax engine metadata.
- 3 Import the Ax2012R3_UpgradeScript_Merged.xpo script file.

- 4 In the script, find the createAttrMappingAndClearCache_merged job, and run it.
- 5 In the script, find the updateBusinessVerticalsTable_merged job, and run it.

Upgrade existing posted tax document transactions

If there are existing transactions in the system, you must complete this procedure to upgrade the existing transitions before you can run the **GSTR1, GSTR2, and GSTR1 offline tool** reports. If you don't update all existing transactions, these reports will have incorrect information. If you have many existing transactions, it might take a long time to upgrade all the transactions together. Therefore, you can upgrade the transactions in smaller batches instead. While you upgrade existing transactions, users can continue to post new transactions.

Note: If you've already finished some of the steps, just continue for the remaining steps.

- 1 Import the Ax2012R3_UpgradeScript_Merged script.
- 2 In the script, open the form at Form\UpgradePostedTaxDocumentTransactions_merged.
- 3 On the Step 1 Merged tab, review the following fields:
 - **Count of transactions need to be upgraded** This field shows the total number of existing transactions that should be upgraded.
 - **Count of remaining transactions** This field shows the number of remaining transactions that should be updated.
- 4 In the **How many records that you want to update?** field, enter the number of transactions to upgrade, and then click **Update**.

M	GST upgrade script with merged (2 - ceu)	- 🗆 X
File 👻	1	
Step 1 - Merged Step 2 - Merged	Step 1 : Upgrade the GST transactions information	
Step 2 - Mergeu	General	
	Count of transactions need to be upgraded:	
	Count of remaining transactions: 30	
	Upgrade	
	How many records that you want to update? 30	
	Update	
All posted transactions that need to	o be updaed.	Close

- 5 After all the records have been updated on the **Step 1 Merged** tab, notice that the value of the **Count of remaining transactions** field is **0** (zero).
- 6 On the **Step 2 Merged** tab, in the **How many records that you want to update?** field, enter the number of transactions to upgrade, and then click **Update**.

5	GST upgrade script with merged (2 - ceu)	_ _ X
File 👻	· · · · · · · · · · · · · · · · · · ·	
Step 1 - Merged Step 2 - Merged	Step 2 : Upgrade the GST reference transactions information General Count of transactions need to be upgraded: Count of transactions need to be upgraded: 30	
	Upgrade How many records that you want to update? 0 Update	
All posted transactions that need to	be updaed.	Close

- 7 After all the records have been updated on the **Step 2 Merged** tab, notice that the value of the **Count of remaining transactions** field is **0** (zero).
- 8 You can now close the form.

Upgrade data by merged batch steps

Download and unzip the upgrade script

The upgrade script is available on the Microsoft Download center, at the following link:

http://download.microsoft.com/download/8/6/C/86C1E5FC-F248-45AB-B4F8-0E29D9883F45/GSTUpdate2UpgradeScript_AX2012R3.zip

You must download the zip file and unzip it before you can complete the remaining procedures.

Initialize Tax engine metadata

This procedure is required after you install KB4058327 and before you can post transactions.

- 1 Click General ledger > Setup > Sales tax > India > Tax setup.
- 2 Click Initialize to reinitialize Tax engine metadata.
- 3 Import the Ax2012R3_GSTUpgrade_Batch.xpo script file.
- 4 In the script, find the createAttrMappingAndClearCache_Batch job, and run it.
- 5 In the script, find the updateBusinessVerticalsTable_Batch job, and run it.

Upgrade existing posted tax document transactions

If there are existing transactions in the system, you must complete this procedure to upgrade the existing transitions before you can run the **GSTR1, GSTR2, and GSTR1 offline tool** reports. If you don't update all existing transactions, these reports will have incorrect information. If you have many existing transactions, it might take a long time to upgrade all the transactions together. Therefore, you can upgrade the transactions in smaller batches instead. While you upgrade existing transactions, users can continue to post new transactions.

Note: If you've already finished some of the steps, just continue for the remaining steps.

- 1 Import the **Ax2012R3_UpgradeScript_Batch** script.
- 2 In the script, open the form at Form\UpgradePostedTaxDocumentTransactions_Batch.
- 3 On the Step 1 Batch tab, review the following fields:
 - **Total records that need to be updated** This field shows the total number of existing transactions that should be upgraded.
 - **Records that have been updated or added into batch job for step 1** This field shows the total number of transactions that have already been updated or added to the batch job.
 - The remaining records that have not been updated or added into batch job for step 1 This field shows the total number of transactions that haven't been updated or added to the batch job.
 - The records that already updated successfully in step 1 This field shows the total number of transactions that have already been successfully updated.

4 In the **The records that you want to update** field, enter the number of transactions to upgrade, and then click **Update**.

T	GST upgrade script with batch (2 - ceu)	-		x
File - Refresh History				?
• Step 1 - Batch	Step 1 : Upgrade the GST transactions information			
Jup 2 - 58411	General Total records that need to be updated: Records that have been updated or added into batch job for step 1: 0 The remaining records that have not been updated or added into batch job for step 1: 30 The records that already updated successfully in step 1: 0 Upgrade The records that you want to update: 0 Update			
			Close	

5 Click **Recurrence** to set the start time for the batch, and then click **OK**.

9	Microsoft Dynamics AX (2)	
GST Upgrade : St	pe 1, Batch Job 1	
General Batch processing: ☑ Start date: 1/9/2018	Identification Recurrence Task description: GST Upgrade : Stpe 1, Batch Job 1 Alerts Batch group: v Private: (04:20:03 pm) (GMT+08:00) Beijing, Chongqing, Hong Kong, Urumqi	
	OK Cancel	
Recurring pattern		

97	Recurrence (2)
Time zone inf	formation
Time zone:	(GMT+08:00) Beijing, Chongqing, Hong Kong, Urumqi 🗸 🗸
Range of recu	urrence
Starting time:	04:20:03 pm O No end date
Starting date:	1/9/2018 🗰 🖲 End after:
	Count: 1
	O End by:
	End date: 1/9/2018
Recurring pat	tern
 Minutes 	Repeat after specified number of minutes
⊖ Hours	Count: 10
O Days	
○ Weeks	
O Viontins	
	OK Cancel

6 In the **UpgradePostedTaxDocumentTransactions_Batch** form, click **History** to view the status of the batch job.

9 1		Upg	rade history (2 - ceu)			_ 🗆 X
File 👻	Re-run					
Step	Job ID	Total update records	Actual updated records	Status	Message	
1	1	30	0	Arranged		
	II 🕨 🕨 💋	2		(2433	3) INR ce	eu Close

7 In the **UpgradePostedTaxDocumentTransactions_Batch** form, you can click **Refresh** to see how many records have already been successfully updated. After all the transactions in step 1 have been updated, you can continue to step 2.

8 On the **Step 2 - Batch** tab, repeat step 4 through 7 until all the transactions have been updated. You can then close the form.

5	GST upgrade script with batch (2 - ceu)	_ 🗆 X
File - Refresh History		
File Refresh History Step 1 - Batch Step 2 - Batch	GS1 upgrade script with batch (2 - ceu) Step 2 : Upgrade the GST transactions reference information. General Total records that need to be updated: Records that have been updated or added into batch job for step 2: 0 The remaining records that have not been updated or added into batch job for step 2: 0 Upgrade The records that already updated successfully in step 2: 0 Upgrade The records that you want to update: 0	
The history for upgrade.		Close

Download and import the India GST Update 2 GSTR report configurations

- 1 Download the <u>Update 2 GSTR report configurations</u>.
- 2 Follow steps 1 through 4 in the "Import the configuration and deploy it to a specific company" section in <u>Tax</u> <u>Engine (AX 2012) demo script</u> to load the new configurations into the system.

Enable the enhanced log feature

If you experience issues with GST and the Tax Engine (GTE), and you want more information that you can use for troubleshooting, you can now use the Log feature. This feature is used mainly by developers and engineers.

Follow these steps to enable the Log feature.

1 On your server computer, from the **Start** menu, start Event Viewer.



2 In the left pane, click Event Viewer (Local) > Windows Logs > Application.



3 In the right pane, click Filter Current Log.



4 Select an existing event source to use for the trace log. In this example, we use the **Dynamics Server 01** event source.

	Filter Current Log	x
Filter XML]	
Logged:	Any time 🗸	
Event level:	Critical <u>W</u> arning Ver <u>b</u> ose	
By log	Event logs: Application	
O By <u>s</u> ource	Event sources:	
Includes/Exclu exclude criteria	des Event IDs: Enter DXP as. To a, type a minus sign DxpTaskSyncProvider Dynamics .NET Business Connector 6.0	
Task category:	<all event="" ids=""> _ Dynamics AX Services _ Dynamics Client _ Dynamics Server 01</all>	
Keywords:	EapHost	
<u>U</u> ser:	<all users=""> eApproval</all>	
Com <u>p</u> uter(s):	<all computers<br="">ebdv Education ear</all>	
	ELS-Hyphenation Cancel	

- 5 On your client computer, start Microsoft Dynamics AX, and then click **General ledger** > **Setup** > **Sales tax** > **India** > **Tax Setup**.
- 6 Click **Parameters**, select a value in the **Log level** field, and enter a value in the **Windows log source name of AOS server** field.

Note: The server that you specify in the **Windows log source name of AOS server** field should already exist. Otherwise, you receive an error message.

			Tax setup (1)	- 🗆 X
<u>F</u> ile 👻 🔆 New 🗡 Delete	Configurations	Initialize	Parameters *	
Tax setup A Derete	Description On Ta Description Con Ta Con Ta	Initialize Verview ax setup: escription: ax configuration: ax Compani A Compani A Compani Comp	Enable multithreading calculation: Threads number: Log level: Windows log source name of AOS server: Dynamics Server 01 OK Cococococococococococococococococococo	
Specify windows log source name of AC	> DS server			Close

7 Perform your usual processing in Microsoft Dynamics AX (for example, tax calculation). The trace log will appear in Event Viewer on the **server computer**.

a di seconda			Event	Viewer				_ 0 ×
File Action View Help								
🗢 🔶 🙍 🖬 🖬								
Event Viewer (Local) Ap	plication Number of events: 25,912						Actions	
Custom Views Windows Loss	Filtered: Log: Application; Source: Dynami	cs Server 01. Number o	f events: 2,786				Application	•
Application	vel	Date and Time	S	ource	Event I	D Task Category	👔 👩 Open Saved Log	
Security	Information	12/4/2017 11:23:19 A	VI D	Ivnamics Server 01	L. HORN	0 None	Treate Custom View	
E Setup	Information	12/4/2017 11:23:19 A	M D	lynamics Server 01		0 None	Import Custom View	
System (1)	Information	12/4/2017 11:23:19 A	u D	lynamics Server 01		0 None	Churchen	
Forwarded Events	Information	12/4/2017 11:23:19 A	M D	lynamics Server 01		0 None	Clear Log	
Constructions and services Logs	Information	12/4/2017 11:23:19 A	M D	lynamics Server 01		0 None	Filter Current Log	
Construction (Construction)	Information	12/4/2017 11:23:19 A	M D	lynamics Server 01		0 None	Clear Filter	
	Information	12/4/2017 11:23:19 A	M D	lynamics Server 01		0 None	Properties	
	Information	12/4/2017 11:23:19 A	M D	lynamics Server 01		0 None	Q10 Find	
0	Information	12/4/2017 11:23:19 A	M D	lynamics Server 01		0 None	E Cause Etherand Lans Ethe Ar	
9	Information	12/4/2017 11:23:19 A	M D	lynamics Server 01		0 None	Beil Save Pittered Log Pile As	
9	Information	12/4/2017 11:23:19 A	м р	lynamics Server 01		0 None	Attach a Task To this Log	
	Information	12/4/2017 11:23:19 A	M D	ynamics server ut		0 None	Save Filter to Custom View	lans.
	Information	12/4/2017 11:23:19 A	M D	hynamics Server 01		0 None	View	,
	Information	12/4/2017 11:23:19 A	M D	smamics Server 01		0 None	G Refresh	
l i i i i i i i i i i i i i i i i i i i	Information	12/4/2017 11-23-19 A	и р	hynamics Server 01		0 None		
ă a constante a	Information	12/4/2017 11:23:19 A	и р	hynamics Server 01		0 None	Help	,
l i i i i i i i i i i i i i i i i i i i	Information	12/4/2017 11:23:19 A	M D	Anamics Server 01		0 None	Event 0, Dynamics Server	01 .
	Warning	12/4/2017 11:23:16 A	M D	lynamics Server 01		0 None	Event Properties	
0	Error	12/4/2017 11:23:16 A	vi D	lynamics Server 01		0 None	The second state of the second	
	Information	12/4/2017 11:23:16 A	M D	lynamics Server 01		0 None	Attach Task To This event.	
	Information	12/4/2017 11:23:04 A	M D	lynamics Server 01		0 None	Copy	•
	Information	12/4/2017 11:10:40 A	M D	lynamics Server 01	18	0 None	Save Selected Events	
0	Information	12/4/2017 10:10:31 A	M D	lynamics Server 01	18	0 None	G Refresh	
9	Information	12/4/2017 9:10:26 AN	I D	lynamics Server 01	18	0 None *	Help	,
						7		
Ev	ent 0, Dynamics Server 01					×	-	
	General Details							
	Session Id: 3							
	Trace ld: 7795e4c3-2469-4df6-8b52-5869eb0	a592f						
	GTE: Tauchie desument ison: ("Distribution"	Salary 1 Million fact Sector 1	and an or Rates 101 "Evaluation" Name 1/10	encoding Scheme" "Maker" "Men	al-Contempor Tomal (Malor-Official)	("Nama"/"E		
	commerce sale", "Value": "No"] {"Name": "Ex	port Order", "Value": "No	"]{"Name":"Foreign Party", "Value": "No	o"]{"Name":"GST Composition Scheme","	Value":"No"].{"Name":"GSTIN of E-co	ommerce		
	operator", "Value": "*),{"Name": "Import Orde	r", "Value": "No"), {"Nam	e":"Ledger Currency", "Value":"INR"), ("N	Name":"Merchant ID", "Value":""].("Name":	"Nature of Assesse", "Value": "Compare	ny" <u>1</u>		
	["Name": "Preferrential Party", "Value": "No"] Ledoer, "Value": 55271465811 ("Name": "Tabl	("Name": "Provisional / ald" "Value": 266) ("Nac	ssessment", "Value": "No"]. ("Name": "Re	cld", "Value": 5637148326), ("Name": "Skippe ":"No"\/"Name": "Taxable Document Tume"	ed", "Value": "No") ("Name": "System	al Discount		
	Percentage", "Value":0.000000011 "ModelFie	IdName": ", "RelationLi	nes":[], "ReportingCurrencyExchangeRat	tes":[]."SubLines":[["ExchangeRates":[["Key	v":"", "Value":1.0000000011 "Fields":[["N	Varme": "Assessable		
	Value", "Value": 10000.00000000).["Name": "C	onsumption State", "Va	ue":"DL"].["Name":"Delivery Date","Valu	ue":"2017-12-07T00:00:00").{"Name":"Disco	ount Amount", "Value":0.000000001 [1	Name": "Disposition		
	Action", "Value": "Credit"] ["Name": "Enable /	Accounting", "Value": "Y	es"].["Name":"Exempt","Value":"No"].[" us":"111"].["Name":"IEC Number" "Valu	Name": "Export Custom Tariff Code", "Valu e": "0100000020"1 ("Name": "Import Custon	ve":""].{"Name":"GST Registration m Tariff Code" "Value":""\["Name":"k	oter-		
	State", "Value": "Yes" } { "Name": "Is Scrap", "Va	lue":"No"]:["Name":"IT	C Category", "Value": "Input"] {"Name": "	"Line Type", "Value": "Line"}, ("Name": "Maxi	imum Retail Price", "Value":0.00000000);{"Name":"Net		
	Amount", "Value":10000.000000003 {"Name"	"Party GST Registration	Number", "Value": "Customer0000001"],	{"Name":"Post To Ledger","Value":"No"}{	("Name":"Prices include sales tax","Va	alue":"No"], Y		
	Las Marca Assellation							
	Log Name: Application	1 month 1	2///2017 11-22-07 454					
	Source: Dynamics server 01	Loggea:	2/4/2017 11:23:16 AM					
	Event ID: 0	Task Category:	None					
	Level: Information	Keywords:	Jassic					
	User: N/A	Computer:	dxp015518shton.redmond.corp.microse	off.com				
	OpCode:							
	More Information: Event Log Online Help							
💷 📥 🚞 📖 🤣 😫 🎚	1 🕄 🖂 😓 I	14						 11:27 AM 12/4/2017

If Event Viewer includes many sources (as in the following screenshot), but you want to trace only issues that are related to the Microsoft Dynamics AX log, you can filter the sources.

Level	Date and Time	Source	Event ID	Task Category
(i) Information	12/3/2017 6:51:27 PM	Dynamics Server 01	10065	None
i) Information	12/3/2017 6:41:17 PM	Dynamics Server 01	10065	None
(i) Information	12/3/2017 6:37:08 PM	Desktop Window Manager	9009	None
(i) Information	12/3/2017 6:27:00 PM	Dynamics Server 01	10065	None
(i) Information	12/3/2017 5:38:24 PM	CAPI2	4111	None
(i) Information	12/3/2017 5:38:24 PM	CAPI2	4109	None
(i) Information	12/3/2017 5:13:40 PM	Dynamics Server 01	10065	None
(i) Information	12/3/2017 5:04:25 PM	Dynamics Server 01	10065	None
(i) Information	12/3/2017 4:34:52 PM	Dynamics Server 01	10065	None
(i) Information	12/3/2017 2:47:54 PM	Windows Error Reporting	1001	None
(i) Information	12/3/2017 1:56:48 PM	Dynamics Server 01	10065	None
(i) Information	12/3/2017 1:56:48 PM	Dynamics Server 01	10065	None
Information	12/3/2017 12:22:58 PM	Dynamics Server 01	10065	None
(i) Information	12/3/2017 12:18:54 PM	Dynamics Server 01	10065	None
information	12/3/2017 12:04:37 PM	Dynamics Server 01	10065	None
Information	12/3/2017 11:16:44 AM	Dynamics Server 01	10065	None

8 In the right pane, click **Filter Current Log**.

Act	ions
Ap	plication 🔺
6	Open Saved Log
7	Create Custom View
	Import Custom View
	Clear Log
7	Filter Current Log
-	Clear Filter
	Properties
	Find
	Save Filtered Log File As
	Attach a Task To this Log
1	Save Filter to Custom View
	View
Q	Refresh
?	Help •

9 Select the source to filter for, and then click **OK**.

	Filter Current Log	x
Filter XML		
Logged:	Any time v	
Event level:	Critical <u>W</u> arning Ver <u>b</u> ose	
	Error Information	
By log	Event logs: Application	
O By source	Event sources:	
Includes/Exclud exclude criteria,	es Event IDs: Enter Dwm-Core type a minus sign Dwm-Dwm Dwm-Redir	
	<all event="" ids=""> Dwm-Udwm</all>	
<u>T</u> ask category:	DxgKml	
<u>K</u> eywords:	DxpTaskSyncProvider	
<u>U</u> ser:	All Users> Dynamics AX Services	
Com <u>p</u> uter(s):	<all computers<="" td=""> Dynamics Client ✓ Dynamics Server 01 </all>	
	Dynamics Server 01 sec EapHost	
L	EapMethods-Ttls	
	< III > Cance	2

Event Viewer now includes only the specific logs that you require in order to trace your issue.

Level	Date and Time	Source	Event ID	Task Category
 Information 	12/4/2017 11:23:19 AM	Dynamics Server 01	0	None
(i) Information	12/4/2017 11:23:19 AM	Dynamics Server 01	0	None
(i) Information	12/4/2017 11:23:19 AM	Dynamics Server 01	0	None
(i) Information	12/4/2017 11:23:19 AM	Dynamics Server 01	0	None
(i) Information	12/4/2017 11:23:19 AM	Dynamics Server 01	0	None
(i) Information	12/4/2017 11:23:19 AM	Dynamics Server 01	0	None
(i) Information	12/4/2017 11:23:19 AM	Dynamics Server 01	0	None
(i) Information	12/4/2017 11:23:19 AM	Dynamics Server 01	0	None
(i) Information	12/4/2017 11:23:19 AM	Dynamics Server 01	0	None
(i) Information	12/4/2017 11:23:19 AM	Dynamics Server 01	0	None
(i) Information	12/4/2017 11:23:19 AM	Dynamics Server 01	0	None
(i) Information	12/4/2017 11:23:19 AM	Dynamics Server 01	0	None
(i) Information	12/4/2017 11:23:19 AM	Dynamics Server 01	0	None
(i) Information	12/4/2017 11:23:19 AM	Dynamics Server 01	0	None
 Information 	12/4/2017 11:23:19 AM	Dynamics Server 01	0	None
(i) Information	12/4/2017 11:23:19 AM	Dynamics Server 01	0	None
(i) Information	12/4/2017 11:23:19 AM	Dynamics Server 01	0	None
 Information 	12/4/2017 11:23:19 AM	Dynamics Server 01	0	None
🛕 Warning	12/4/2017 11:23:16 AM	Dynamics Server 01	0	None
🕕 Error	12/4/2017 11:23:16 AM	Dynamics Server 01	0	None
(i) Information	12/4/2017 11:23:16 AM	Dynamics Server 01	0	None
(i) Information	12/4/2017 11:23:04 AM	Dynamics Server 01	0	None
 Information 	12/4/2017 11:10:40 AM	Dynamics Server 01	180	None
 Information 	12/4/2017 10:10:31 AM	Dynamics Server 01	180	None
(i) Information	12/4/2017 9:10:26 AM	Dynamics Server 01	180	None
				>

Set up data for Retail

If you're working with Retail, you must follow these steps after you've installed the India GST Update 1 hotfix and set up your system's data.

Reinitialize Retail

To update the Retail scheduler jobs that you use to communicate with channel databases, you must reinitialize Retail. Reinitialization helps guarantee that your system has the latest, improved, and updated seed data.

- 1 Click Retail > Setup > Parameters > Retail parameters.
- 2 On the General tab, click Initialize.

Note: In general, reinitialization doesn't cause data loss. Your customized receipt formats, layouts, and so on aren't affected when you reinitialize. Similarly, custom fields that you've added to out-of-box subjobs and your custom subjobs aren't modified. However, if you've customized the table distribution, that customization must be preserved.

- 3 Delete the following subjobs from the Generic tax engine job, if it exists:
 - TaxDocumentJson
 - TaxDocumentRowMeasureAdjustment
 - TaxDocumentRowTaxDeterminedInfo
 - TaxDocumentRowDeterminedComponent



Schedule download distribution jobs

Use the following procedure to manually run an individual scheduler job. The job is run for all distribution location lists that are in the schedule.

- 1 Click Retail > Periodic > Data distribution > Distribution schedule.
- 2 Select the distribution schedule that contains the job to run.

- **3** On the **Scheduler jobs** FastTab, select the job 9999 to run.
- 4 Click Run now.

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