

SAP MM Errors and Solutions (Level 1)

Error: 1

Country IN does not store a hard currency

Solution: TCode: OY01 Select our country and enter the hard currency as INR

Error: 2

Unable to create a purchase order

Solution: Verify user permissions and ensure correct authorization for creating purchase orders. Use T-code ME21N to create a purchase order.

Error: 3

Material not found" while creating a purchase requisition

Solution: Check if the material master data is maintained correctly using T-code MM03 and ensure the material is active. Create purchase requisition using ME51N.

Error: 4

Unable to post goods receipt.

Solution: Ensure the purchase order is correctly created using ME23N and the material is available in the specified storage location. Post goods receipt using MIGO.

Error: 5

Posting only possible in periods MM/YYYY and MM/YYYY" during goods receipt.

Solution: Open the relevant posting periods in the material management configuration using T-code MMPV.

Error: 6

Material document does not exist" when displaying a document.

Solution: Ensure the material document number is correct and check for document archiving. Use T-code MB03 to display material documents.

Error: 7

Material master data update not reflecting.

Solution: Ensure the changes are saved and check for any background jobs that might be updating the material data. Use T-code MM02 to update material master data.

Error: 8

Unable to convert purchase requisition to purchase order.

Solution: Verify the purchase requisition details using T-code ME53N and ensure it meets all criteria for conversion. Convert purchase requisition using ME21N.

Error: 9

Account determination for entry XXXXX not possible" during invoice verification.

Solution: Verify the account determination configuration using T-code OBYC and ensure the relevant accounts are maintained.

Error: 10

Unable to create a purchase info record.

Solution: Ensure the vendor and material data are correctly maintained and check user authorizations. Use T-code ME11 to create a purchase info record.

Error: 11

Unable to change the delivery date in the purchase order.

Solution: Check the purchase order status using T-code ME22N and ensure it is not already partially or fully delivered.

Error: 12

No source of supply found" during source list maintenance.

Solution: Ensure the source list is maintained correctly using T-code ME01 and the vendor is assigned to the material.

Error: 13

Purchase order quantity not matching with goods receipt quantity.

Solution: Verify the purchase order and goods receipt details using T-code ME23N and MIGO, and check for any discrepancies or partial deliveries.

Error: 14

Document type not allowed" during purchase requisition creation.

Solution: Verify document type configuration using T-code OMH6 and ensure the user has the correct authorizations. Create purchase requisition using ME51N.

Error: 15

Material valuation not updating correctly

Solution: Check material valuation configuration using T-code MM02 and ensure the relevant valuation classes and accounts are maintained.

Error: 16

Purchase order history not updating.

Solution: Verify the purchase order and related documents using T-code ME23N, and ensure the relevant update programs are running.

Error: 17

Price not determined for item" during invoice verification

Solution: Verify the purchase order pricing conditions using T-code ME23N and ensure the invoice matches the purchase order details. Post invoice using MIRO.

Error: 18

Error while assigning a plant to a company code

Solution: Ensure that the plant and company code exist and are correctly configured. T-code: OX18

Error: 19

Posting period variant not assigned to the company code

Solution: Assign the posting period variant to the company code using T-code OBBP. T-code: OBBP

Error: 20

Goods receipt posting error due to missing account assignment

Solution: Ensure the purchase order has the correct account assignment and cost centre details. Use T-code ME23N to verify the purchase order and MIGO to post the goods receipt. T-codes: ME23N, MIGO

SAP MM Errors and Solutions (Level 2)

Error: 1

Account assignment mandatory for material 300000100 (enter acc. ass. cat.)

Solution: SPRO --> Logistics - General --> Material Master --> Basic Settings --> Material Types --> Define Attributes of Material Types (or TCode: OMS2)

Do the following steps:

1. Click Position and enter Material type (say HROH)
2. Now select HROH and D. Click Left side folder "Quantity/Value updating"
3. Again Click position and enter the Valuation area (Plant) as HPL1
4. Check the checkboxes of quantity and value columns of HPL1 and HPL2
5. Click Save and come back

Error: 2

Control indicators for controlling area HMOT do not exist

Solution: SPRO -> Controlling -> General Controlling -> Organization -> Maintain Controlling Area.

Click again -> Maintain Controlling Area (or TCode: OKKP)

Do the following steps:

- 1) Click Position and enter the Controlling area = HMOT
- 2) Now Select the HMOT controlling Area and double click the left side folder “Activate components/control indicators”
- 3) Click new entries
- 4) And enter the following fields
- 5) Click Save and come back

Error: 3

Source not included in the list despite source list requirement

Solution: Check IMG settings

SPRO -> MM -> Purchasing -> Source List -> Define SL Requirement at Plant Level

Click position and enter plant as wpl1 Check whether wpl1 -> source list is checked or not?

MM02 -> Purchase view -> Check the source list checkbox

Maintain SL (TCode = ME01)

Error: 4

Field selection for movement type 561 / acct 399999 differs for Ext. GA amount in LC (023)

Solution: TCode: FS00 enter your company code on the Left side by clicking then press find the button of

the left side and enter the account number 399999 and press enter. On the right side screen, click Create/bank/interest tab

- Check Post automatically only
- Enter ‘Field status group’ as G006 Material accounts Click Save

Error: 5

For object RF_BELEG SMOT, number range interval 49 does not exist FBN1

Solution:

- TCode: FBN1
- Enter company code: SMOT
- Maintain Number range for 49 for the year 2010

Error: 6

Period 008 of the fiscal year 2010 is not open for posting for the variant of posting period 1000.

Solution: Execute TCode OB52 and update the changes accordingly.

Error: 7

Number range for trans./event type IB in the year 2010 does not exist

Solution: Execute TCode: OMBT

Error: 8

Enter rate EUR / INR rate type M for 16.12.2010 in the system settings

Solution: TCode: OB08

Error: 9

Country IN does not store a hard currency

Solution: TCode: OY01 Select our country and enter the hard currency as INR

Error: 10

Issue: Company code not assigned to country or country to the calculation procedure

Solution: SPRO->Financial Accounting ->General settings in financial accounting-> Tax on sales and Purchases-> Basic settings->Assign country to the calculation procedure

Click Position, Enter Country = IN, and enter TAXUS against IN and save it. (In case if you have already your calculation procedure you can assign the same.

SAP FICO Errors & Solutions (L1)

Error : 1 - How you will extend the due date for invoice in Payment run?

Solution: In edit proposal we can change the base line date, so due date will extend

SAP FICO Errors & Solutions (L2)

Error 1. implementing Asset Accounting. You are provided with the legacy data of various assets and their Grouping information based on classifications, useful life, and depreciation terms.

Solution - Define Copy the chart of depreciation and maintain depreciation area.

Error 2. is there any possible to change the House bank and bank account?

Solution: We can assign in Edit proposal in reallocate.

Error. 3 I am looking to exclude or include any characters in the DMEE configuration?

Solution: Yes we can perform in DMEE program in File data tab

Error 4. I want to maintain a cost component structure?

Solution: Assignment of cost component of cost component group

Error 5. You post a purchase order. For which expenses does the system calculate accruals?

Solution - Consulting services, Insurance premiums

Error 8. You want to configure the default baseline date for the payment terms of an incoming invoice. From which date can you derive the baseline date?

Solution - Entry date, document date, posting date.

Error 9. You want to post journal entries in a special period. Which conditions must be met?

Solution

You must enter a posting date in the last posting period. b. The special period must be open for posting in the period control.

Error 10. What do you need to do to configure a new exchange rate type in SAP S/4HANA?

Solution - Set up the relationship between currencies using translation ratios, Maintain exchange rates daily.

Error 11. Which date is used to determine the depreciation start date?

Solution - Value date is used to determine the depreciation start date

Error 12. After you collect data in the internal company Reconciliation tool, what are the next steps of the reconciliation process?

- Solution
- 1)Store the data
 - 2)Present reconciled and non-reconciled data.
 - 3)Communicate differences
 - 4)Post the correction documents

Error 13.you are creating an asset master record by copying another asset, and you notice that the inventory number is copied over. Which setting do you make on the screen layout maintenance page to ensure the inventory number is NOT copied over when you create a new asset via copy?

Solution - Remove the reference indicator

Error14. You need to define a new document type with a specific document number range to post customer invoices via interface from a non-SAP system.

Error 15 - How would you define the document number range?

Solution - You must use external number assignment.

Error 16. Line Item is blocked for payment?

Solution - Go to Transaction Code FB03 and view the corresponding document line item to see if there is a payment block indicate

SAP FICO Errors & Solutions (L2)

Error

Incorrect posting periods - Transactions cannot be posted due to incorrect or closed posting periods

Solution: Open periods: use transaction code OB52 to open the relevant posting periods for the required company codes and account types.

Period Control: Ensure that the period control settings are correct and match the fiscal year variant.

Error

Reconciliation Account Errors - Inaccurate or missing reconciliation account assignments cause discrepancies in financial statements.

Solution: Account Assignments: Use transaction code FS00 to check and correct the reconciliation account assignments for each vendor and customer.

Regular Checks: Conduct regular reconciliations and audits to ensure the accuracy of reconciliation accounts.

Error

An entry with this withholding tax type already exists?

Solution: This error in SAP FICO occurs when you try to assign multiple lines with the same tax type to the business transaction. SAP only allows one entry for tax type in a business transaction. If multiple lines need to be inserted, then multiple tax types must be created.

Error

During intercompany transaction posting - No clearing accounts specified for company codes NNNN/MMMM

Solution: You may receive this error when you try to post intercompany posting, but the company code pair has not been set up for cross-company code posting.

To resolve, make a configuration change in OBYA. Company Codes must be on the same Withholding Tax setting (Classic or Extended).

Error

NetWeaver Settings Errors in SAP FI - Maintain conversion factors for XXX/YYY (currency type NN).

Solution: This error indicates that the Conversion factor has not been maintained for the currency pair in the system. Check the currency pair in IMG -> General Settings -> Currencies -> Define Translation ratios.

If the currency pair is not maintained, maintain the pair for XXX/YYY and YYY/XXX (for example USD/CAD and CAD/USD).

SAP SD Errors & Solutions

Error

Incorrect pricing in sales orders, such as missing pricing conditions or incorrect condition values.

Solution:

Check Pricing Procedure: Use transaction code V/08 to review the pricing procedure assigned to the sales order. Ensure that all necessary condition types are included and correctly configured.

Condition Records: Use transaction code VK11 to create or VK12 to change condition records. Verify that the condition records are valid for the required dates and pricing conditions.

Reprice Sales Order: If changes are made, use transaction code VA02 to change the sales order and reprice it by selecting the pricing type 'B' (Carry out new pricing).

Error

Sales orders not being converted into deliveries due to various errors such as stock unavailability or incomplete data.

Solution:

Solution 1 :Check Stock Availability: Use transaction code MMBE to check stock levels for the material and ensure sufficient stock is available in the required storage location.

Incomplete Data: Use transaction code VA02 to check the sales order for any incomplete data and fill in the missing details.

Solution 2 : Delivery Block: Verify and remove any delivery blocks on the sales order using VA02 by checking the “Header” and “Shipping” tabs.

Credit Limit: Use transaction code FD32 to review and, if necessary, adjust the customer's credit limit.

Credit Control Area: Ensure that the correct credit control area is assigned to the customer and the sales document.

Release Blocked Orders: Use transaction code VKM3 to review and release blocked sales orders after verifying that they meet credit requirements.

Error

Sales orders failing credit checks, resulting in blocked orders. Solution:

Credit Limit: Use transaction code FD32 to review and, if necessary, adjust the customer's credit limit.

Credit Control Area: Ensure that the correct credit control area is assigned to the customer and the sales document.

Release Blocked Orders: Use transaction code VKM3 to review and release blocked sales orders after verifying that they meet credit requirements.

Error

Taxes are calculated incorrectly or not at all in sales orders. Solution:

Tax Condition Records: Use transaction code VK11 to create or VK12 to change tax condition records. Ensure the correct tax codes and rates are applied.

Tax Determination: Check the tax determination procedure using transaction code OVK1 to ensure the correct procedure is assigned to the relevant country and tax category.

Customer and Material Tax Classification: Verify and maintain the correct tax classification for customers (XD02) and materials (MM02).

Error

Errors occurring during the generation of invoices, such as incomplete billing documents or incorrect data.

Solution:

Check Billing Documents: Use transaction code VF01 to generate invoices and ensure all mandatory fields are filled.

Incomplete Sales Orders or Deliveries: Ensure that sales orders and deliveries are complete and accurate. Use VA02 for sales orders and VL02N for deliveries to make necessary corrections.

Billing Block: Remove any billing blocks on the sales order or delivery using VA02 or VL02N.

SAP BASIS AND SECURITY L1

Issue: Users are locked out of the system.

Solution: Use transaction code SU01 to unlock user accounts and check the login parameters in RZ10 to adjust login policies.

Issue: "Return Code 8" or "Return Code 12"

Solution: Check transport logs (STMS or SE01) for specific issues. Common issues include missing objects, authorization problems, or locked objects. Resolve by **ensuring all** necessary objects are included, verifying user authorizations, and unlocking any locked objects.

Issue: Scheduled jobs fail.

Solution: Check job logs (SM37). Analyse dumps (ST22) and system logs (SM21). Ensure necessary authorizations and resources are available.

Issue: User experiencing authorization errors.

Solution: Use transaction SU53 to analyze missing authorizations. Adjust user roles accordingly using PFCG.

Issue: "Update failed" or "SM13: Update terminated"

Solution: Check SM13 for update errors. Common issues include missing tables, locked entries, or database inconsistencies. Investigate specific error details and resolve underlying issues

Issue: Remote Function Calls (RFC) are failing.

Solution: Use transaction SM59 to test and configure RFC connections. Check for network issues and correct the connection parameters.

Issue: Work processes are hanging or not available.

Solution : Use transaction SM50 or SM66 to monitor and manage work processes. Restart work processes if needed and analyze logs for underlying issues.

10. Spool Overflow:

Issue: Spool request is not processed because the spool area is full.

Solution: Use transaction SPAD to manage and delete old spool requests. Increase the spool number range in RZ10.

11. Database Connectivity Problems:

Issue: Connection to the database fails.

Solution: Check database status. Ensure correct configuration in tnsnames.ora (Oracle) or relevant configuration files. Restart database services if needed

12. User Login Issues

Issue: User unable to log in to SAP system.

Solution: 1. Verify the user ID and password.
2. Check if the user account is locked (transaction code SU01).

3. If locked, unlock the user and reset the password.
4. Ensure the user has the correct roles and authorizations.
5. Verify the user license validity.

SAP BASIS AND SECURITY L2

2. Transport Request Stuck in Queue

Issue: Transport request is not moving from one system to another.

Solution:

1. Check the transport logs (transaction code STMS).
2. Verify the transport routes and configuration (STMS -> Overview -> Systems).
3. Manually import the transport request (STMS -> Import Queue -> Extras -> Other Requests -> Add).
4. Check the RFC connections (transaction code SM59) between systems.
5. Restart the transport process if necessary.

3. Job Failure

Issue: Background job failed.

Solution:

1. Check job log (transaction code SM37).
2. Identify the reason for failure from the job log details.
3. Verify if the necessary resources (disk space, memory) are available.
4. Check the program executed by the job for any errors.
5. Reschedule the job if necessary after fixing the issue.

4. Instance/Server Not Starting

Issue: SAP instance/server is not starting.

Solution:

1. Check the system logs for errors (transaction code SM21).
2. Verify the availability of system resources (CPU, memory, disk space).
3. Ensure database is up and running.
4. Check the start-up logs (/usr/sap/<SID>/DVEBMGS<Instance number>/work/dev_w0).
5. Restart the instance using SAP Management Console (SAP MC).

5. Slow System Performance

Issue: SAP system is running slow.

Solution:

1. Monitor system performance (transaction codes ST02, ST03, ST06).
2. Identify the processes consuming high resources.
3. Clear unnecessary buffer or adjust buffer sizes (ST02).
4. Check for long-running jobs or transactions.
5. Review database performance and perform database tuning if necessary.

Issue: Spool request not getting printed.

Solution:

1. Check the spool request status (transaction code SP01).
2. Verify the printer configuration and status.
3. Check for any printer queue issues at the OS level.
4. Reconfigure the printer if necessary (SPAD).
5. Restart the spool work process.

Issue: Client copy failed.

Solution:

1. Check the client copy logs (transaction code SCC3).
2. Identify and resolve any errors mentioned in the logs.
3. Ensure sufficient disk space and system resources.
4. Retry the client copy (SCCL or SCC9).
5. Verify the RFC connections and authorizations.

Issue: RFC connection not working.

Solution:

1. Check the RFC destination (transaction code SM59).
2. Test the RFC connection.
3. Verify the target system's availability.
4. Check network connectivity between systems.
5. Correct any issues in the RFC configuration.

Issue: Transport directory not accessible.

Solution:

1. Verify the transport directory path.
2. Check the file system permissions and ownership.
3. Ensure the directory is mounted and accessible.
4. Validate the transport configuration (transaction code STMS).
5. Correct the path or permissions as necessary.

Issue: Database backup failed.

Solution:

1. Check the backup logs for errors.
2. Verify available disk space for the backup.
3. Ensure the backup schedule and script are correct.
4. Check for any database locks or issues.
5. Retry the backup after resolving issues.

Issue: Work Process is in PRIV Mode

Solution:

1. Check if the work process is genuinely required to be in PRIV mode.
2. If not, go to transaction code SM50.
3. Identify the work process in PRIV mode.
4. Analyze the task by double-clicking on it.
5. End the work process if it's stuck by choosing "Process" > "Cancel Without Core".

Issue: Update Errors (SM13)

Solution:

1. Go to transaction code SM13.
2. Check the update errors.
3. Identify the root cause (such as database issues or incorrect data).
4. Correct the underlying issue and reprocess the failed updates.

Issue: Database Tablespace Overflow

Solution:

1. Check the tablespace usage via DB02 or DBACOCKPIT.
2. Identify the tablespace that is full.
3. Increase the size of the tablespace using your database tools (e.g., BRTOOLS for Oracle).
 - For Oracle:
SQL ALTER DATABASE DATAFILE '<path_to_datafile>' RESIZE <new_size>;
4. Monitor to ensure the tablespace is now under control.

Issue: Background Job Fails to Start (SM37)

Solution:

1. Go to transaction code SM37.
2. Check the job log for the failed job.
3. Identify any errors or dumps related to the job.
4. Correct the issue causing the failure (e.g., missing authorizations, system resource issues).
5. Reschedule the job.

Issue: Client copy fails or hangs.

Solution: Check logs (SCC3) and system performance (ST04/ST06). Ensure enough disk space and correct RFC settings.

Issue: System performance is slow.

Solution: Analyze performance using transaction ST02, ST03N, and ST06. Check for high memory utilization, disk I/O issues, and optimize buffer settings

Issue: Transport Request Errors (STMS)

Solution:

1. Go to transaction code STMS_IMPORT.
2. Select the transport request.
3. Check the import logs for errors.
4. Correct any issues (e.g., missing objects, authorization issues).
5. Re-import the transport request.

Issue: Client copy fails or hangs.

Solution: Check logs (SCC3) and system performance (ST04/ST06). Ensure enough disk space and correct RFC settings.

Issue: System performance is slow.

Solution: Analyze performance using transaction ST02, ST03N, and ST06. Check for high memory utilization, disk I/O issues, and optimize buffer settings

SAP Kernel Patch Issues

Solution:

1. Ensure you have the latest kernel patch from SAP.
2. Backup the existing kernel directory.
3. Stop the SAP system.
4. Replace the old kernel files with the new ones.
5. Start the SAP system and check for proper functioning.

SAP SECURITY:-

1. Role Creation and Modification:

- **Problem:** New roles need to be created or existing roles need to be modified to accommodate new business requirements.
- **Solution:** Use transaction code PFCG to create or change roles. Ensure proper authorization objects are included and test the roles before assigning them to users.

3. User Access Issues:

- **Problem:** Users cannot access the system or specific transactions.
- **Solution:** Check user roles and profiles in transaction code SU01. Ensure the user has the correct roles assigned. If roles are missing, assign them appropriately.

4. User Lockouts and Password Issues:

- **Issue:** Users get locked out or forget their passwords frequently.
- **Solution:** Implement a robust password policy and educate users about it. Use transaction code SU01 to unlock users and reset passwords.

5. Segregation of Duties (SoD) Conflicts: - L2

- **Issue:** Users have conflicting roles that violate SoD policies.
- **Solution:** Utilize SAP GRC (Governance, Risk, and Compliance) to identify and mitigate SoD conflicts. Implement role redesign and establish controls to prevent future conflicts

6. Missing Authorization Checks:

- **Issue:** Custom programs or transactions not performing authorization checks.
- **Solution:** Ensure custom code includes necessary authorization checks using AUTHORITY-CHECK statements and test them thoroughly.

7. Expired or Locked User Accounts:

- **Error:** Users cannot log in because their accounts are expired or locked.

- **Solution:** Use transaction SU01 to unlock accounts or extend the validity period. Ensure regular account review and maintenance.

8. Transport Request Issues:

- **Error:** Security changes do not reflect in the target system after transport.

- **Solution:** Ensure that all necessary roles and authorizations are included in the transport request. Use transaction SE09 or SE10 to check and manage transport requests.

9. Improperly Configured Security Settings:

- **Issue:** System settings not following best practices can lead to vulnerabilities.

- **Solution:** Conduct regular security audits using tools like SAP Security Audit Log (transaction SM19 and SM20). Adjust settings to comply with best practices and SAP security notes.

10. Inadequate Logging and Monitoring:

- **Error:** Lack of proper logging and monitoring can result in unnoticed security breaches.

- **Solution:** Enable and regularly review security logs using transaction SM20 (Security Audit Log). Implement continuous monitoring practices.

