

# Technical Task Answers

## Code

## Stack Trace

### 1. Business Classes and Methods Involved

Class Name	
com.server.gateway.client.base.BaseGatewayIntegrationService	1
com.server.gateway.client.base.BaseTransactionGatewayIntegrationService	1
com.server.msales.sales.salesorder.businessmanager.SalesOrderManagerImpl	i
com.server.core.businesslayer.businessmanager.AbstractERPPublishedEntityManager	1
com.server.core.businesslayer.businessmanager.AbstractERPPublishedEntityManager	1
com.server.core.businesslayer.businessmanager.AbstractERPPublishedEntityManager	1
com.server.msales.sales.salesorder.handlers.SalesOrderInvoicingHandlerImpl	1
com.server.msales.sales.salesorder.businessmanager.SalesOrderManagerImpl	i
com.server.msales.sales.salesorder.businessmanager.SalesInvoiceManagerImpl	1
com.server.core.businesslayer.businessservice.AbstractSyncEntityServiceImpl	1
com.server.core.businesslayer.businessservice.AbstractSyncEntityService	1
com.server.core.businesslayer.servicerequest.AbstractSyncServiceDispatcher	1

### 2. Where to Add a Breakpoint for Debugging

#### a. The root cause of the error is:

```
org.springframework.web.client.ResourceAccessException: I/O error on POST request for "http://localhost:9090/integration-gateway/salesOrder/find": Connection refused: connect;
```

#### b. This means that the application is trying to send an HTTP request to `http://localhost:9090/integration-gateway/salesOrder/find` , but the connection is refused,

likely because:

- The target service is **not running**.
- The target service is **listening on a different port**.
- A **network issue** is preventing the connection.

Breakpoints to Set:

1. **Inside** `executePost()` **in** `BaseGatewayIntegrationService.java` **(Line 60)**
  - This is where the `RestTemplate` call is made.
  - Check if the correct URL and request payload are being used.
2. **Inside** `find()` **in** `BaseTransactionGatewayIntegrationService.java` **(Line 61)**
  - This calls `executePost()`, which makes the HTTP request.
3. **Inside** `isTransactionCreatedOnERP()` **in** `SalesOrderManagerImpl.java` **(Lines 1038, 222)**
  - This method is triggering the `find()` call.