

2416665 - RFC_ERROR_LOGON_FAILURE

Version	3	Type	SAP Knowledge Base Article
Language	English	Master Language	English
Release Status	Released to Customer	Category	Problem
Component	BC-MID-RFC-SDK (NetWeaver RFC SDK, classical RFC SDK)	Released On	20.01.2017

Please find the original document at <https://launchpad.support.sap.com/#/notes/2416665>

Symptom

When you are using RfcOpenEx to open a connection to SAP system, the following error may return to your application.

```
group : 103
key : RFC_ERROR_LOGON_FAILURE
message : Timeout
```

You may also find the error below in RFC trace on external side.

```
>>> RfcOpenEx ...
...
>>> Timeout during logon check
...
<<< RfcOpenEx failed
```

Environment

Classic RFC library as of Release 6.20

Cause

A timeout for logging onto the target system was inserted in the RFC library for RfcOpenEx as of Release 6.20. If a logon to the Web AS or to the R/3 System is not concluded within this time, the logon is interrupted and the RFC connection is closed.

The default timeout value is 60 seconds.

Resolution

- You can increase the timeout setting on the OS your external program running via the 'RFC_CONNECT_TIMEOUT' environment variable:
For example: RFC_CONNECT_TIMEOUT=180

- If you want to analyze the root cause why the logon cannot be setup in 60 seconds, please provide us the following traces when this issue re-occur.
 1. dpmon log when this issue happen
 2. developer trace level 2
 3. the RFC trace from external side
 4. the other trace from your external application

Keywords

RFC library, RfcOpenEx, timeout during logon check, JP1, Power Center, Job

Other Components

Component	Description
BC-CST-DP	Dispatcher, Task Handler

[Terms of use](#) | [Copyright](#) | [Trademark](#) | [Legal Disclosure](#) | [Privacy](#)