



## Header Data

<b>Released On</b>	16.02.2015 07:51:13
<b>Release Status</b>	Released for Customer
<b>Component</b>	BC-MID-RFC RFC
<b>Other Components</b>	BC-MID-RFC-SDK NetWeaver RFC SDK, classical RFC SDK
<b>Priority</b>	Recommendations / Additional Info
<b>Category</b>	Consulting

## Symptom

How to install and supported platforms for the NetWeaver RFC Library and SDK

## Other Terms

sapnwrfc.dll, sapnwrfc.so, sapnwrfc.sl

## Reason and Prerequisites

This note describes, for which platforms and operating systems SAP supports the NetWeaver RFC Library install it.

## Solution

Independent from the list below, a platform/operating system is out of support when the platform/operating system is out of maintenance by the vendor.

The NW RFC SDK supports the following platforms and OS versions currently:

- AIX 5.2 5.3 6.1 7.1
- HP-UX 11.11, 11.23, 11.31 PA-RISC
- HP-UX 11.23, 11.31 IA64 64BIT
- LINUX REDHAT EL 4, 5, 6 IA32 32BIT
- LINUX REDHAT EL 4, 5, 6 IA64 64BIT
- LINUX REDHAT EL 4, 5, 6 POWER 64BIT
- LINUX REDHAT EL 4, 5, 6 X86\_64 64BIT
- LINUX REDHAT EL 5, 6 ZSERIES 64BIT
- LINUX SUSE SLES 9, 10, 11 IA32 32BIT
- LINUX SUSE SLES 9, 10, 11 IA64 64BIT
- LINUX SUSE SLES 9, 10, 11 POWER 64BIT
- LINUX SUSE SLES 9, 10, 11 X86\_64 64BIT
- LINUX SUSE SLES 9, 10, 11 ZSERIES 64BIT
- OS/400 V5R3, V5R4, V6R1, V7R1
- SOLARIS/SPARC 9, 10, 11 64BIT
- SOLARIS/X64 10, 11 64BIT
- WINDOWS 7 32/64-BIT
- WINDOWS VISTA 32/64-BIT
- WINDOWS XP 2002 HOME, PROF. 32BIT
- WINDOWS SERVER 2003/IA32 32BIT
- WINDOWS SERVER 2003/X64 32/64BIT
- WINDOWS SERVER 2008 IA32 32BIT
- WINDOWS SERVER 2008 X64 32/64BIT
- WINDOWS SERVER 2008 R2/IA64 64BIT
- WINDOWS SERVER 2008 R2/X64 64BIT
- WINDOWS SERVER 2012 X64 64BIT
- WINDOWS SERVER 2012 R2/X64 64BIT
- Z/OS 1.12, 1.13 64BIT

### Note:

The installation files for the SAP NW RFC SDK are available on the SAP Service Marketplace:

<http://service.sap.com/~form/handler?APP=00200682500000001943&EVENT=DISPHER&HEADER=Y&FUNCTIONBAR=N&EVENT=TREE&NE=NAVIGATE&ENR=0120031469>

This version can be used to communicate with all SAP backend systems down to release 4.0B. The current version also supports a few additional features, which are not supported by older versions. For details see note 1511382.

How to install the right NW RFC SDK on IBM i platform is described in SAP Note 1097997.

Make sure that the lib directory of the SDK is contained in the LD\_LIBRARY\_PATH of the host. All 6 lib

therein may be required (for IBM i, you should use the instance profile parameter as4/ADDLIBPATH to add directory and the bin directory of the SDK to the LD\_LIBRARY\_PATH or LIBPATH according to SAP Note 114

In Addition a programming guide in PDF form and detailed Doxygen documentation can be found at <http://service.sap.com/connectors> -> SAP NetWeaver RFC Library

On Windows the latest Microsoft Runtime DLLs version 8.0.50727.4053 are required. Please see note 1375 instructions on where to download the necessary runtime.

On Linux the C++ Runtime 6.0 (libstdc++.so.6) is required. Please see note 1021236 for instructions.

### Validity

Software Component	From Rel.	To Rel.	And Subsequent
NWRFCSDK	7.10	7.10	<input checked="" type="checkbox"/>
	7.11	7.11	<input checked="" type="checkbox"/>
	7.20	7.20	<input checked="" type="checkbox"/>

### References

#### This document refers to:

##### SAP Notes

- 1756105 [Crash when connection is set up without SNC](#)
- 1740754 [sapnwrfc.dll\(.so, .sl\) missing in ASCII \(nUC\) kernel archive](#)
- 1739797 [Error: Dependent module libsapnwrfc.so could not be loaded](#)
- 1683418 [IBM i: System maint. diffs between 7.20 and 4.6D to 7.11](#)
- 1591259 [SAP NW RFC SDK 7.20 -- Patch-Level 5](#)
- 1589976 [SAP NW RFC SDK 7.20 -- Patch-Level 4](#)
- 1581595 [rfcexec or starttrfc fail after upgrade](#)
- 1562569 [SAP NW RFC SDK 7.20 -- Patch-Level 3](#)
- 1511433 [SAP NW RFC SDK 7.20 -- Patch-Level 2](#)
- 1511382 [SAP NW RFC SDK 7.20 -- Patch-Level 1](#)
- 1474682 [SAP NW RFC SDK 7.11 -- Patch-Level 9](#)
- 1465290 [SAP NW RFC SDK 7.11 -- Patch-Level 8](#)
- 1445129 [SAP NW RFC SDK 7.11 -- Patch-Level 7](#)
- 1409906 [SAP NW RFC SDK 7.11 -- Patch-Level 6](#)
- 1407615 [SAP NW RFC SDK 7.11 -- Patch-Level 5](#)
- 1383253 [SAP NW RFC SDK 7.11 -- Patch-Level 4](#)
- 1359377 [SAP NW RFC SDK 7.11 -- Patch-Level 3](#)
- 1278062 [SAP NW RFC SDK 7.11 -- Patch-Level 2](#)
- 1236565 [NW RFC SDK: Logging on with non-ISO-Latin-1 user or password](#)
- 1236530 [SAP NW RFC SDK 7.11 -- Patch level 1](#)
- 1149088 [iSeries: Adding a directory to a work process](#)
- 1140031 [Security Note: rfcexec/starttrfc Used in File Interfaces](#)
- 1097997 [Installing SAP NW RFC SDK on System i](#)
- 1058327 [SAP NW RFC SDK 7.10 -- Patch-Level 2](#)
- 1056472 [SAP NW RFC SDK 7.10 -- Patch level 1](#)
- 1021236 [Linux: Using SAP Kernel 7.01 and higher on RHEL4 and SLES9](#)
- 1005832 [Overview on RFC Libraries and SDKs](#)
- 27517 [installation of RFC SDK](#)

#### This document is referenced by:

##### SAP Notes (29)

- 1756105 [Crash when connection is set up without SNC](#)
- 1021236 [Linux: Using SAP Kernel 7.01 and higher on RHEL4 and SLES9](#)
- 1683418 [IBM i: System maint. diffs between 7.20 and 4.6D to 7.11](#)
- 1562569 [SAP NW RFC SDK 7.20 -- Patch-Level 3](#)
- 1445129 [SAP NW RFC SDK 7.11 -- Patch-Level 7](#)
- 1056472 [SAP NW RFC SDK 7.10 -- Patch level 1](#)
- 1236530 [SAP NW RFC SDK 7.11 -- Patch level 1](#)
- 1236565 [NW RFC SDK: Logging on with non-ISO-Latin-1 user or password](#)
- 1058327 [SAP NW RFC SDK 7.10 -- Patch-Level 2](#)
- 1359377 [SAP NW RFC SDK 7.11 -- Patch-Level 3](#)
- 1278062 [SAP NW RFC SDK 7.11 -- Patch-Level 2](#)
- 1739797 [Error: Dependent module libsapnwrfc.so could not be loaded](#)
- 1740754 [sapnwrfc.dll\(.so, .sl\) missing in ASCII \(nUC\) kernel archive](#)

1097997 [Installing SAP NW RFC SDK on System i](#)  
1425520 [Disable NI cache for host and service names](#)  
27517 [installation of RFC SDK](#)  
1140031 [Security Note: rfcexec/starttrfc Used in File Interfaces](#)  
1581595 [rfcexec or starttrfc fail after upgrade](#)  
1465290 [SAP NW RFC SDK 7.11 -- Patch-Level 8](#)  
1589976 [SAP NW RFC SDK 7.20 -- Patch-Level 4](#)  
1591259 [SAP NW RFC SDK 7.20 -- Patch-Level 5](#)  
1474682 [SAP NW RFC SDK 7.11 -- Patch-Level 9](#)  
1383253 [SAP NW RFC SDK 7.11 -- Patch-Level 4](#)  
1511382 [SAP NW RFC SDK 7.20 -- Patch-Level 1](#)  
1511433 [SAP NW RFC SDK 7.20 -- Patch-Level 2](#)  
1005832 [Overview on RFC Libraries and SDKs](#)  
1407615 [SAP NW RFC SDK 7.11 -- Patch-Level 5](#)  
1409906 [SAP NW RFC SDK 7.11 -- Patch-Level 6](#)  
551830 [RFC generator code in SE37](#)