

How to fix IDoc hang in source system

In case loading process is hang, check in source system

1. Check job

SM37

SM58

To ensure that jobs finish with job name BIREQ* the request id will be the same in BW in PSA.

Request	DDIC Name of PSA ...	V...	L	R	Loading D...	Loading...	InfoPack
REQU_DVPWALV16IAEKV36LFIPLF7FG					17.01.2022	18:27:04	IP: CICC
REQU_ECPLY9SMY1FCRX0YMCNPM9JDO					17.01.2022	14:52:05	IP: CICC
REQU_ODNSOG6PSIU8TGC0IUQLXKHUK					17.01.2022	12:50:09	IP: CICC
REQU_CNUPLAIF8RM8T9UQ4PHI7J7MK					17.01.2022	06:24:56	IP: CICC
REQU_CL4EGNLTKF11QMRH0BKHYVTC	/BIC/B0005318001	001			14.01.2022	18:26:40	IP: CICC

2.2 Check Idoc

in BW, the status of Idoc will does not have status yet.

Header Status Details

- Overall status: Missing messages or warnings
 - Requests (messages): Everything OK
 - Extraction (messages): Missing messages
 - Missing message: Request received
 - Missing message: Number of sent records
 - Missing message: Selection completed
 - Transfer (IDocs and TRFC): Missing messages or warnings
 - Request IDoc : Application document posted
 - Info IDoc 1 : sent, not arrived ; IDoc ready for dispatch (ALE service)
 - Info IDoc 2 : sent, not arrived ; IDoc ready for dispatch (ALE service)
 - Info IDoc 3 : sent, not arrived ; IDoc ready for dispatch (ALE service)
 - Processing (data packet): No data

Date	Time	BW IDo...	B...	T...	OLTP I...	O...
27.07.2021	11:55:05				5235062	30

2.1 In this case, the process is hang in source system with status 30

Tcode BD87 - idoc in source system

Status Monitor for ALE Messages

Select IDocs Display IDocs Trace IDocs Process

IDocs	IDoc Status	Number
▼ IDoc selection		
▼ Changed on is in the range 27.07.2021 to 27.07.2021		
▼ RCS - Production		206
▼ IDocs in outbound processing		175
▶ ▲ IDoc ready for dispatch (ALE service)	30	171
▶ Data passed to port OK	03	4
▼ IDoc in inbound processing		31
▶ Application document not posted	51	14
▶ Application document posted	53	17

We can filter by ID or time

Click on header and click Process

Status Monitor for ALE Messages

Select IDocs Display IDocs Trace IDocs **Process**

IDocs	IDoc Status	Number
▼ IDoc selection		
▼ IDoc Number is in the range 145235062 to 145235064		
▼ Changed on is in the range 27.07.2021 to 27.07.2021		
▼ RCS - Production		3
▼ IDocs in outbound processing		3
▼ ▲ IDoc ready for dispatch (ALE service)	30	3
▼ RSINFO		3
▼ B1(006) : &, &, &, &		3
▶ Receiver exists, No filters, No conversion, No version change		3

Information

3 IDocs selected

✓ ?

IDoc processing

Display IDoc Error long text

Processed IDocs

IDoc number	Old status	new status	Status text	Error Text	Partner system	Message type
145235062	30	03	Data passed to port OK	IDoc sent to SAP system or external program	WBQ_400	RSINFO
145235063	30	03	Data passed to port OK	IDoc sent to SAP system or external program	WBQ_400	RSINFO
145235064	30	03	Data passed to port OK	IDoc sent to SAP system or external program	WBQ_400	RSINFO

Check in BW --> still same status

Header Status **Details**

- ▼ ▲ Overall status: Missing messages or warnings
 - > ■ Requests (messages): Everything OK
 - > ▲ Extraction (messages): Missing messages
 - ▼ ▲ Transfer (IDocs and TRFC): Missing messages or warnings
 - Request IDoc : Application document posted
 - ▲ Info IDoc 1 : sent, not arrived ; IDoc ready for dispatch (ALE service)
 - ▲ Info IDoc 2 : sent, not arrived ; IDoc ready for dispatch (ALE service)
 - ▲ Info IDoc 3 : sent, not arrived ; IDoc ready for dispatch (ALE service)
 - > ▲ Processing (data packet): No data

Check Tcode BD87 or program RBDMON00 in BW. Try to select only the iDoc concern

Status Monitor for ALE Messages

Select IDocs Display IDocs Trace IDocs Process

IDocs	IDoc Status	Number
▼ IDoc selection		
▼ Changed on is in the range 27.07.2021 to 27.07.2021		
▼ WBQ Client 400		127
▼ IDocs in outbound processing		31
> ■ Data passed to port OK	03	31
▼ IDoc in inbound processing		96
> ▲ IDoc ready to be passed to application	64	3
> ■ Application document posted	53	93

Display iDoc before execute

Status Monitor for ALE Messages

Display IDocs Display Links Display Status Long Text Object Key

IDoc Selection

IDoc number	Stat.	Message Type	Status text	Partner No.	Created On	Created at	Basic type	Segme...
14335170	64	RSINFO	No filters, No conversion, No version change.	WQ1_400	27.07.2021	07:03:08	RSINFO	1
14335171	64	RSINFO	No filters, No conversion, No version change.	WQ1_400	27.07.2021	07:03:08	RSINFO	1
14335172	64	RSINFO	No filters, No conversion, No version change.	WQ1_400	27.07.2021	07:03:08	RSINFO	1

After execute

IDoc processing

Display IDoc Error long text

Processed IDocs









IDoc number	Old status	new status	Status text	Error Text	Partner system	Message type
14335170	64	53	Application document posted	IDoc was successfully transferred to the monitor updating	WQ1_400	RSINFO
14335171	64	53	Application document posted	IDoc was successfully transferred to the monitor updating	WQ1_400	RSINFO
14335172	64	53	Application document posted	IDoc was successfully transferred to the monitor updating	WQ1_400	RSINFO

Check monitor in BW again.

Header

Status

Details

- ▼  Overall status: Missing messages or warnings
- ▶  Requests (messages): Everything OK
- ▶  Extraction (messages): Everything OK
- ▼  Transfer (IDocs and TRFC): Everything OK
 -  Request IDoc : Application document posted
 -  Info IDoc 1 : Application document posted
 -  Info IDoc 2 : Application document posted
 -  Info IDoc 3 : Application document posted