ABAP DUMP in /BNWVS/SAPLPARALLEL_PROCESSING

If you receive the following ABAP dump

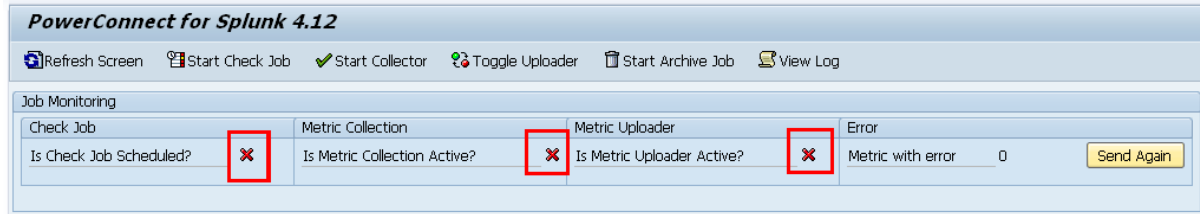|	
Category	ABAP Programming Error
Runtime Errors	UNCAUGHT_EXCEPTION
Except.	/BNWVS/CX_GENERAL_ERROR
ABAP Program	/BNWVS/SAPLPARALLEL_PROCESSING

```
Source Code Extract
Line  SourceCde
    1 method CONSTRUCTOR.
    2   DATA: lt_config TYPE /bnwvs/cfg_c_tt.
    3   DATA: ls_grp_def TYPE /bnwvs/grp_def_c.
    4
    5   ls_grp_def = /bnwvs/cl_config_provider=>load_grp_def( ac_group_def ).
    6   IF ls_grp_def IS INITIAL.
>>>>>     RAISE EXCEPTION TYPE /bnwvs/cx_general_error
    8       EXPORTING
    9         textid = /bnwvs/cx_general_error=>noconfigfound.
   10   ENDIF.
   11
   12   ii_wait_multiplier = 1.
   13
   14   ic_group_def = ac_group_def.
   15   ii_wait_period = ls_grp_def-wait_period.
   16   ii_max_wait_period = ls_grp_def-max_last_period.
   17   ib_testonlyflag = ab_testmode.
   18 endmethod.
```

Any error in class /bnwvs/cl_config_provider=>load_def is caused by the framework being unable to find configuration in the **Group Definition** area
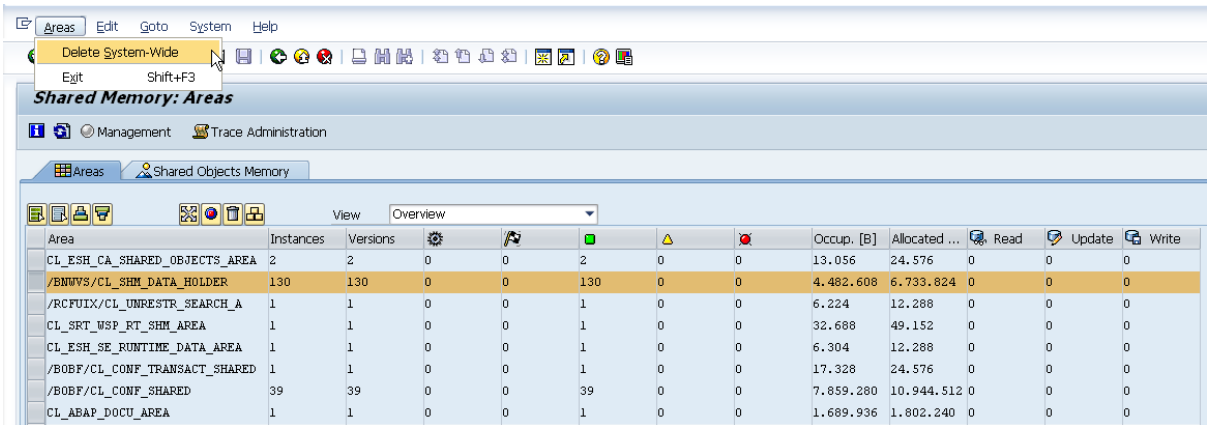

This can be caused by the cached shared memory area not being up to date. To ensure it is perform the following steps:

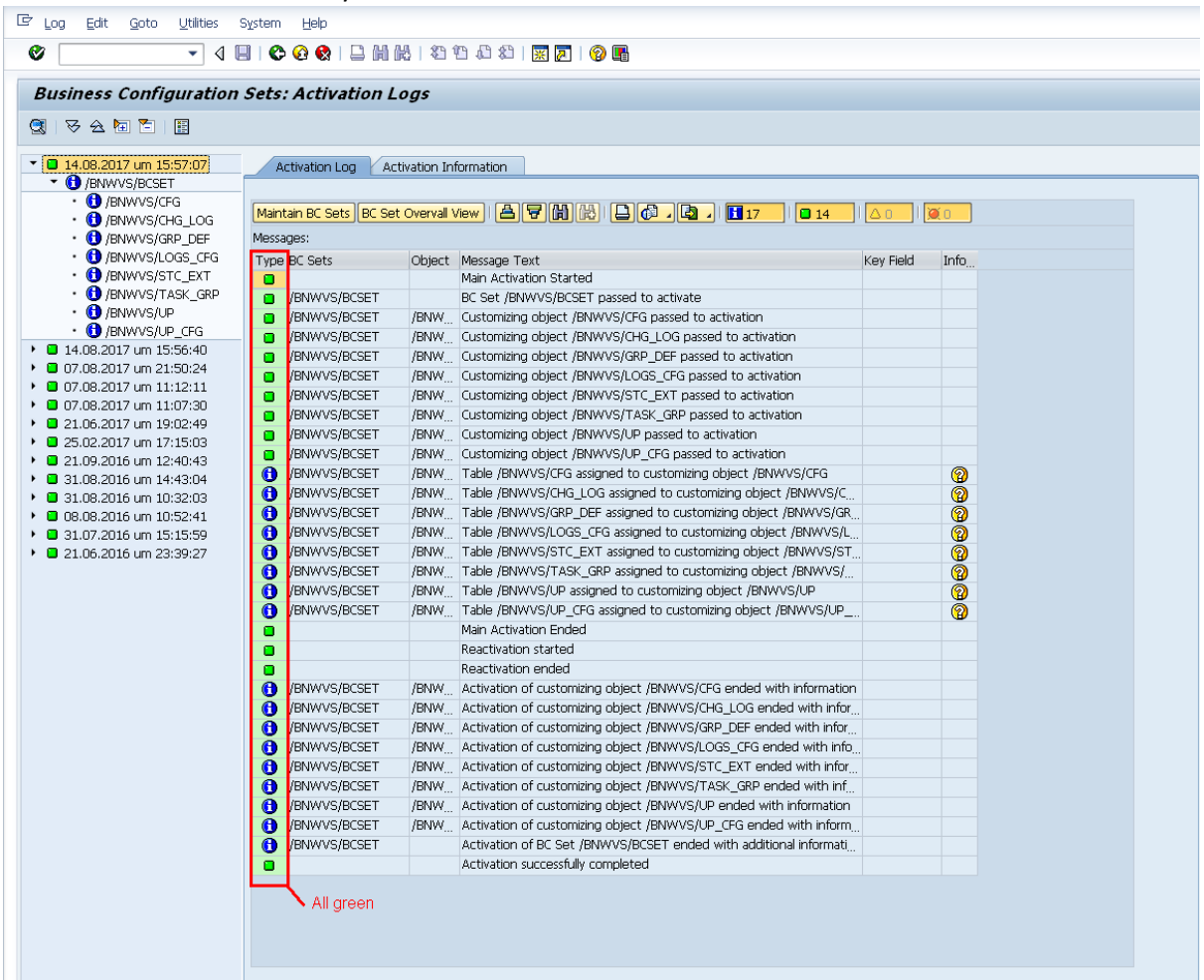1. Ensure all 3 PowerConnect jobs are stopped
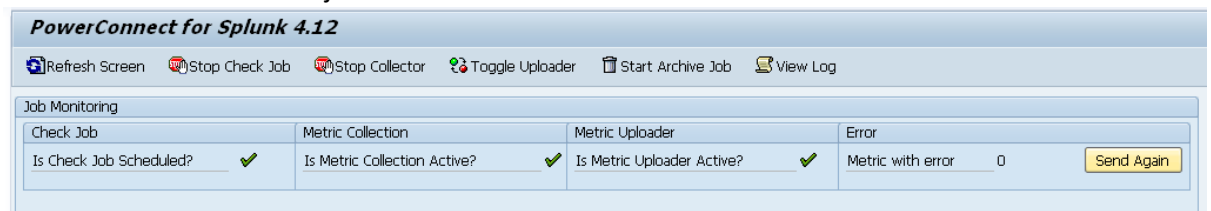

2. Clear the shared memory component

   Run tcode SHMM and ensure you invalidate the shared memory system wide for all /BNWVS/ memory segments

Delete System-Wide

Exit   Shift+F3

Shared Memory: Areas

Management   Trace Administration

Areas   Shared Objects Memory

View   Overview

Area	Instances	Versions						Occup. [B]	Allocated ...	Read	Update	Write
CL_ESH_CA_SHARED_OBJECTS_AREA	2	2	0	0	2	0	0	13.056	24.576	0	0	0
/BNWVS/CL_SHM_DATA_HOLDER	130	130	0	0	130	0	0	4.482.608	6.733.824	0	0	0
/RCFUIX/CL_UNRESTR_SEARCH_A	1	1	0	0	1	0	0	6.224	12.288	0	0	0
CL_SRT_WSP_RT_SHM_AREA	1	1	0	0	1	0	0	32.688	49.152	0	0	0
CL_ESH_SE_RUNTIME_DATA_AREA	1	1	0	0	1	0	0	6.304	12.288	0	0	0
/BOBF/CL_CONF_TRANSACT_SHARED	1	1	0	0	1	0	0	17.328	24.576	0	0	0
/BOBF/CL_CONF_SHARED	39	39	0	0	39	0	0	7.859.280	10.944.512	0	0	0
CL_ABAP_DOCU_AREA	1	1	0	0	1	0	0	1.689.936	1.802.240	0	0	0

3. Ensure the BC SET is correctly activated with no errors

Log Edit Goto Utilities System Help

Business Configuration Sets: Activation Logs

- 14.08.2017 um 15:57:07
  - /BNWVS/BCSET
    - /BNWVS/CFG
    - /BNWVS/CHG_LOG
    - /BNWVS/GRP_DEF
    - /BNWVS/LOGS_CFG
    - /BNWVS/STC_EXT
    - /BNWVS/TASK_GRP
    - /BNWVS/UP
    - /BNWVS/UP_CFG
- 14.08.2017 um 15:56:40
- 07.08.2017 um 21:50:24
- 07.08.2017 um 11:12:11
- 07.08.2017 um 11:07:30
- 21.06.2017 um 19:02:49
- 25.02.2017 um 17:15:03
- 21.09.2016 um 12:40:43
- 31.08.2016 um 14:43:04
- 31.08.2016 um 10:32:03
- 08.08.2016 um 10:52:41
- 31.07.2016 um 15:15:59
- 21.06.2016 um 23:39:27

Activation Log   Activation Information

Maintain BC Sets   BC Set Overvall View   17   14   0   0

Messages:

Type	BC Sets	Object	Message Text	Key Field	Info...
			Main Activation Started		
	/BNWVS/BCSET		BC Set /BNWVS/BCSET passed to activate		
	/BNWVS/BCSET	/BNW...	Customizing object /BNWVS/CFG passed to activation		
	/BNWVS/BCSET	/BNW...	Customizing object /BNWVS/CHG_LOG passed to activation		
	/BNWVS/BCSET	/BNW...	Customizing object /BNWVS/GRP_DEF passed to activation		
	/BNWVS/BCSET	/BNW...	Customizing object /BNWVS/LOGS_CFG passed to activation		
	/BNWVS/BCSET	/BNW...	Customizing object /BNWVS/STC_EXT passed to activation		
	/BNWVS/BCSET	/BNW...	Customizing object /BNWVS/TASK_GRP passed to activation		
	/BNWVS/BCSET	/BNW...	Customizing object /BNWVS/UP passed to activation		
	/BNWVS/BCSET	/BNW...	Customizing object /BNWVS/UP_CFG passed to activation		
	/BNWVS/BCSET	/BNW...	Table /BNWVS/CFG assigned to customizing object /BNWVS/CFG		?
	/BNWVS/BCSET	/BNW...	Table /BNWVS/CHG_LOG assigned to customizing object /BNWVS/C...		?
	/BNWVS/BCSET	/BNW...	Table /BNWVS/GRP_DEF assigned to customizing object /BNWVS/GR...		?
	/BNWVS/BCSET	/BNW...	Table /BNWVS/LOGS_CFG assigned to customizing object /BNWVS/L...		?
	/BNWVS/BCSET	/BNW...	Table /BNWVS/STC_EXT assigned to customizing object /BNWVS/ST...		?
	/BNWVS/BCSET	/BNW...	Table /BNWVS/TASK_GRP assigned to customizing object /BNWVS/...		?
	/BNWVS/BCSET	/BNW...	Table /BNWVS/UP assigned to customizing object /BNWVS/UP		?
	/BNWVS/BCSET	/BNW...	Table /BNWVS/UP_CFG assigned to customizing object /BNWVS/UP_...		?
			Main Activation Ended		
			Reactivation started		
			Reactivation ended		
	/BNWVS/BCSET	/BNW...	Activation of customizing object /BNWVS/CFG ended with information		
	/BNWVS/BCSET	/BNW...	Activation of customizing object /BNWVS/CHG_LOG ended with infor...		
	/BNWVS/BCSET	/BNW...	Activation of customizing object /BNWVS/GRP_DEF ended with infor...		
	/BNWVS/BCSET	/BNW...	Activation of customizing object /BNWVS/LOGS_CFG ended with info...		
	/BNWVS/BCSET	/BNW...	Activation of customizing object /BNWVS/STC_EXT ended with infor...		
	/BNWVS/BCSET	/BNW...	Activation of customizing object /BNWVS/TASK_GRP ended with inf...		
	/BNWVS/BCSET	/BNW...	Activation of customizing object /BNWVS/UP ended with information		
	/BNWVS/BCSET	/BNW...	Activation of customizing object /BNWVS/UP_CFG ended with inform...		
	/BNWVS/BCSET		Activation of BC Set /BNWVS/BCSET ended with additional informati...		
			Activation successfully completed		

All green

4. Restart the PowerConnect jobs

PowerConnect for Splunk 4.12

Refresh Screen   Stop Check Job   Stop Collector   Toggle Uploader   Start Archive Job   View Log

Job Monitoring

Check Job	Metric Collection	Metric Uploader	Error
Is Check Job Scheduled? ✓	Is Metric Collection Active? ✓	Is Metric Uploader Active? ✓	Metric with error 0 Send Again

5. Ensure the shared memory component is reloaded

Shared Memory: Areas

Management Trace Administration

Areas | Shared Objects Memory

View: Overview

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CL_SRT_WSP_RT_SHM_AREA	1	1	0	0	1	0	0	32.688	49.152	0	0	0
CL_ESH_SE_RUNTIME_DATA_AREA	1	1	0	0	1	0	0	6.304	12.288	0	0	0
/BOBF/CL_CONF_TRANSACT_SHARED	1	1	0	0	1	0	0	17.328	24.576	0	0	0
/BOBF/CL_CONF_SHARED	39	39	0	0	39	0	0	7.859.280	10.944.512	0	0	0
CL_ABAP_DOCU_AREA	1	1	0	0	1	0	0	1.689.936	1.802.240	0	0	0