

Software AG Support for IBM z/VSE V4.2

Creation Date: May 13, 2008
Last Updated: October 27, 2008
Version: 29

Background

With the General Availability of IBM z/VSE V4.2, IBM has added functionality to support more than 255 tasks within the z/VSE system as a system configuration option.

ASI Procedure

This new functionality is enabled by coding the following statement in the z/VSE ASI Procedure:

SYSDEF SYSTEM,NTASKS=MAX,TASKS=ANY

JCS EXEC Card New Parameter

Even if the system has been configured for more than 255 tasks, a user can specify that he or she does not want to allocate new task numbers above 255 within that partition by coding the following parameter on the z/VSE V4.2 or above JCS "EXEC" card of the job:

TASKS=OLD

New Operator Command to Display Tasks Defined in the z/VSE V4.2 System

IBM has introduced a new operator command that can be used to display the number of tasks in the system:

QUERY SYSTEM

ACT – User Action Required
N/A – Not Applicable

UNSP-Unsupported
ENA – Support for 255 Tasks

Product	Product Code	Version	Status	Reference
Adabas SQL Gateway	ACE	V6.6.1	N/A	
Adabas SQL Gateway	ACE	V6.6.2	N/A	
Adabas SQL Gateway	ACE	V6.6.3	N/A	
Adabas Caching Facility	ACF	V7.4.4	N/A	
Adabas Caching Facility	ACF	V8.1.2	N/A	
Adabas Caching Facility	ACF	V8.1.2	N/A	
Adabas CICS Interface	ACI	V7.4.4	N/A	
Adabas CICS Interface	ACI	V8.1.2	N/A	
Adabas CICS Interface	ACI	V8.1.3	N/A	
Adabas	ADA	V7.4.4	ENA	See Fixes #1
Adabas	ADA	V8.1.2	ENA	See Fixes #1
Adabas	ADA	V8.1.3	ENA	See Fixes #1
Adabas Delta Save	ADE	V7.4.4	N/A	
Adabas Delta Save	ADE	V8.1.2	N/A	
Adabas Delta Save	ADE	V8.1.3	N/A	
Adabas DL/1 Bridge	ADL	V2.3.1	N/A	
Adabas Fastpath	AFP	V7.4.2	N/A	
Adabas Fastpath	AFP	V8.1.2	N/A	
Adabas Online Services	AOS	V7.4.4	N/A	

Product	Product Code	Version	Status	Reference
Adabas Online Services	AOS	V8.1.2	N/A	
Adabas Online Services	AOS	V8.1.3	N/A	
Event Replicator	ARF	V2.2.1	N/A	
Event Replicator	ARF	V3.1.1	N/A	
Adabas Parallel Services	ASM	V7.5.1	N/A	
Adabas Parallel Services	ASM	v8.1.2	N/A	
Adabas VSAM Bridge	AVB	V5.1.1	N/A	
Adabas Vista	AVI	V7.4.4	N/A	
Adabas Vista	AVI	V8.1.2	N/A	
Complete	COM	V6.5.1	ACT	See Action #1
Complete	COM	V6.61	ENA	SMARTS-331 Available 9/2008
System Coordinator	COR	V7.4.4	N/A	
System Coordinator	COR	V8.1.2	N/A	
EntireX	EXX	V7.2.2	N/A	
EntireX	EXX	V7.2.3	N/A	
Natural Adv Facilities	NAF	V4.2.3	N/A	
Natural Adv Facilities	NAF	V4.2.4	N/A	
Natural	NAT	V4.2.3	N/A	
Natural	NAT	V4.2.4	N/A	
Natural Com-plete	NCF	V4.2.3	N/A	
Natural Com-plete	NCF	V4.2.4	N/A	

Product	Product Code	Version	Status	Reference
Natural CICS	NCI	V4.2.3	N/A	
Natural CICS	NCI	V4.2.4	N/A	
Natural DL/1	NDL	V4.2.3	N/A	
Natural DL/1	NDL	V4.2.4	N/A	
Natural Dev Server	NDV	V2.2.3	ACT	See Action #4
Natural Dev Server	NDV	V2.2.4	ACT	See Action #4
Natural Dev Server	NDV	V2.2.5	ENA	
Natural Optimizer	NOC	V4.2.3	N/A	
Natural Optimizer	NOC	V4.2.4	N/A	
Natural Output Mngr	NOM	V3.1.1	N/A	See Action #3
Natural Output Mngr	NOM	V3.2.1	N/A	See Action #3
Natural WebIO Interface	NWO	V1.1.3	ACT	See Action #5
Natural WebIO Interface	NWO	V1.1.4	ENA	
Entire Operations	NOP	V5.1.1	N/A	See Action #3
Entire Operations	NOP	V5.2.1	N/A	See Action #3
Entire System Server	NPR	V3.3.2	ACT	See Action #2
Entire System Server	NPR	V3.4.1	ACT	See Action #2
Entire System Server	NPR	V3.4.2	ENA	Available 10/2008
Natural for SQL/DS	NSQ	V4.2.3	N/A	
Natural for SQL/DS	NSQ	V4.2.4	N/A	
Natural for VSAM	NVS	V4.2.3	N/A	
Product	Product Code	Version	Status	Reference

Natural for VSAM	NVS	V4.2.4	N/A	
Adabas Review	REV	V4.3.2	N/A	
Adabas Review	REV	V4.4.1	N/A	
Natural Review	RNM	V4.2.3	N/A	
Natural Review	RNM	V4.2.4	N/A	
Entire Net-work	WCP	V5.9.1	N/A	See Fixes #1
Entire Net-work	WCP	V6.1.2	N/A	See Fixes #1
SMARTS	APS	V2.7.2	UNSP	
SMARTS	APS	V3.3.1	ENA	

Notes

1. Both Adabas V7.4.4, Adabas V8.1.2 and Adabas V8.1.3 will require patches to address support for more than 255 tasks.

Actions

1. In the case of Com-plete V6.5.1, to run Com-plete under z/VSE V4.2 with more than 255 tasks enabled in the z/VSE 4.2 system, the customer must code the following IBM JCS parameter on their JCS “EXEC” card:

Example:

```
// EXEC TLINSP,SIZE=AUTO,DSPACE=2M,TASKS=OLD
```

2. In the case of Entire System Server V3.4.1, to run NPR under z/VSE V4.2 with more than 255 tasks enabled in the z/VSE 4.2 system , the customer must code the following IBM JCS parameter on their JCS “EXEC” card:

Example:

```
// EXEC NPRINIT,SIZE=AUTO,TASKS=OLD
```

3. In the case of NOM and NOP, to support more than 255 tasks, the customer must install Entire System Server V3.4.2 which will be available in October of 2008.

4. In the case of Natural Development Server V2.2.3 and V2.2.4 to run under z/VSE V4.2 with more than 255 tasks enabled in the z/VSE 4.2 system , the customer must code the following IBM JCS parameter on their JCS “EXEC” card:

Example:

```
// EXEC TLINSP,SIZE=AUTO,TASKS=OLD
```

5. In the case of Natural WEBIO Interface V1.1.3 under z/VSE V4.2 with more than 255 tasks enabled in the z/VSE 4.2 system , the customer must code the following IBM JCS parameter on their JCS “EXEC” card:

Example:

```
// EXEC TLINSP,SIZE=AUTO,TASKS=OLD
```

6. In the case of Com-plete V6.6.1, to run Com-plete under z/VSE V4.2 with more than 255 tasks enabled in the z/VSE 4.2 system, the customer does not have to code TASKS=OLD:

Example:

```
// EXEC TLINSP,SIZE=AUTO,DSPACE=2M
```

FIXES

1) For Adabas V8.1.3, the following zaps are required:

AD813020

AD813021

AD813022

AD813023

AD813025

Updated 09/17/2008

For Adabas V8.1.2, the following zaps are required:

AD812050

AD812051

AD812052

AD812053

AD812055

Updated 09/17/2008

For Adabas V7.4.4, the following zaps are required:

AD744018

AD744019

AD744020

- PAV SUPPORT ONLY

Note: That the z/VSE V4.2 PAV support is not enabled at the GA of z/VSE V4.2