

Support Technical Exchange:

Good news for maintenance windows - install, configure and upgrade OMEGAMON/ITM suite faster using JOBGEN/PARMGEN

Presenter: Cecile C. Day, z/OS® ITM/OMEGAMON Install/Config. R&D, IBM Software Group

•09 January 2013 (Part 2)

•16 November 2012 (Part 1)



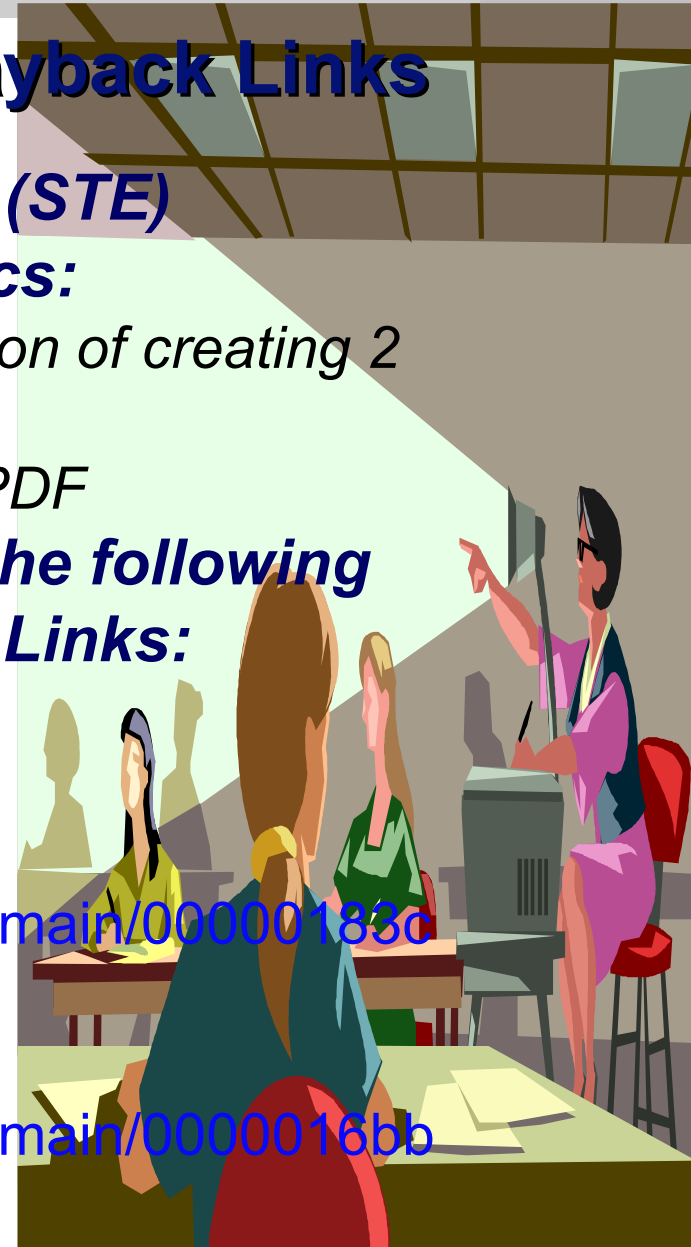
Support Technical Exchange Playback Links

□ *These Support Technical Exchange (STE) sessions covered the following topics:*

- ▶ *** Part 2 focused on the live demonstration of creating 2 PARMGEN RTE Scenarios ***
- ▶ *** Part 1 covered up to slide #50 of the PDF*

□ *These sessions are recorded. See the following information for the Centra Playback Links:*

- ▶ Playback Centra URL:
- ▶ Centra Password: tiv0li (0 is a zero)
- Part 2 URL:
<https://de202.sabameeting.com:443/GP/main/00000183cb250000013b0d4e155b8283>
- Part 1 URL:
<https://de202.sabameeting.com:443/GP/main/0000016bb63e0000013a98f7643f8da0>



Agenda

- **Summary – Why PARMGEN?**
- **Recent PARMGEN Offerings**
- **z/OS Product Families Supported by PARMGEN**
- **Planned PARMGEN Time-to-Value (TTV) Enhancements in 4Q12 and 1Q13**
- **PARMGEN Documentation (Master PARMGEN Technote and OMEGAMON Enhanced 3270UI Technotes/Links)**
- **Recommended Maintenance, Wikis and Links**
- **PARMGEN Sample Scenarios / Live Demonstration**
- **FAQs and Best Practices – see separate attachment in the PARMGEN technote**
- **Q&A**
- **Thank You!**



Summary – PARMGEN and OMXE V510s



What PARMGEN Offered for the V510s? To highlight a few of the TTV enhancements, the PARMGEN process:



1. Supports all the OMEGAMON XE V510+ PARMGEN APPCONFIG requirements to support OMEGAMON Enhanced 3270UI and Self Describing Agent (SDA) along with application-specific V510 new version features.
2. Is “**RTE-centric**” (aka “**function-centric, task-oriented**”) rather than product-centric so you get to define all the products you want in an RTE and generate that environment in just one set of composite jobs (e.g., 8-12 PARMGEN jobs versus **hundreds** in ICAT if you have all the products configured)
3. Makes extensive use of real system variables and even supports user-defined symbols.
4. Harvests settings from an existing ICAT environment (if any) to use customer values.



Long-standing requests since Candle days - not in ICAT but now in PARMGEN!

Summary – PARMGEN and OMXE V510s



What PARMGEN Offered for the V510s? To highlight a few of the TTV enhancements, the PARMGEN process:

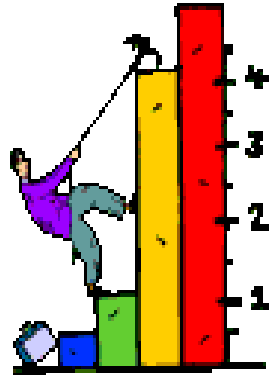
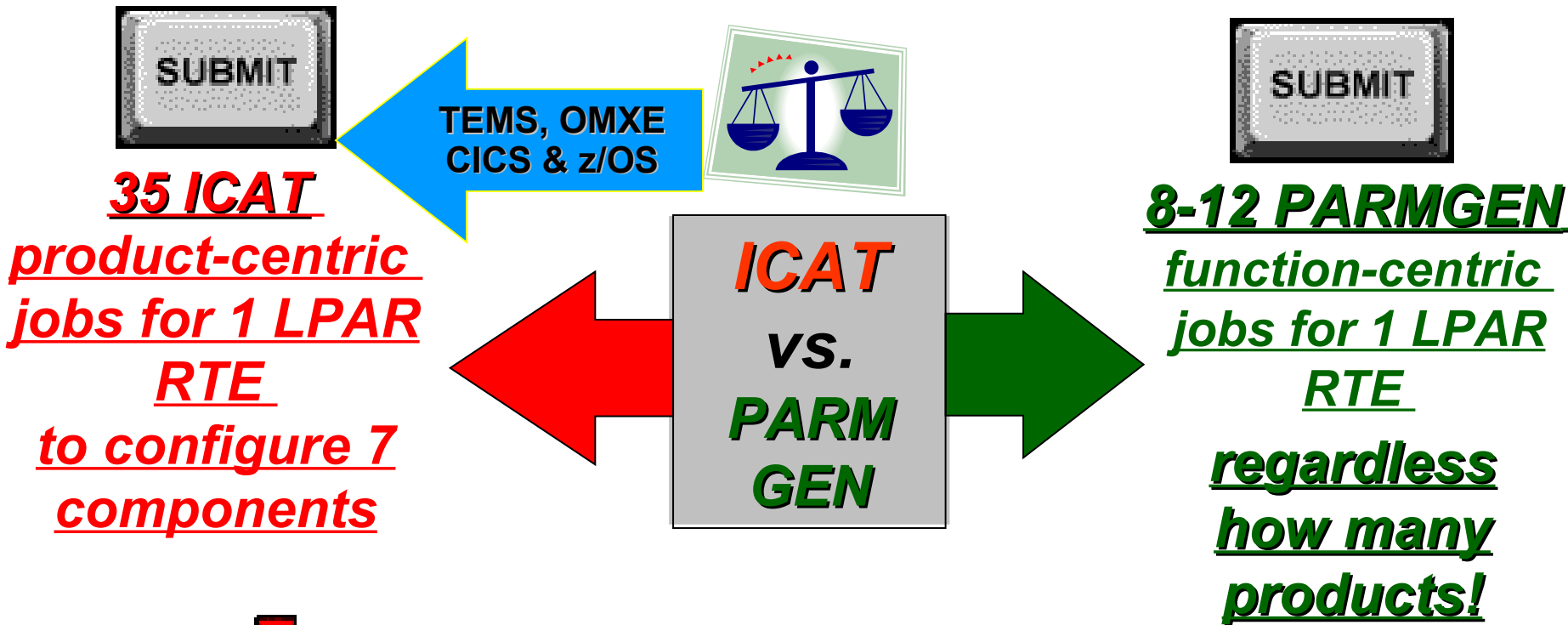


5. *Autodiscovers system-specific values so a number of out-of-the-box system-specific RTE values are already set in the RTE profile by default -- saves customization time!*
6. *Supports ease of upgrade from a PARMGEN-to-PARMGEN RTE environment.*
7. *Supports a more staged maintenance/upgrade – does **not** (re) create the runtime members directly into the production RKANCMDU, RKANPARU, and other user execution libraries.*

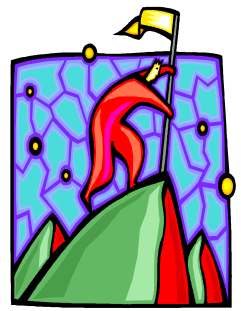


Long-standing requests since Candle days - not in ICAT but now in PARMGEN!

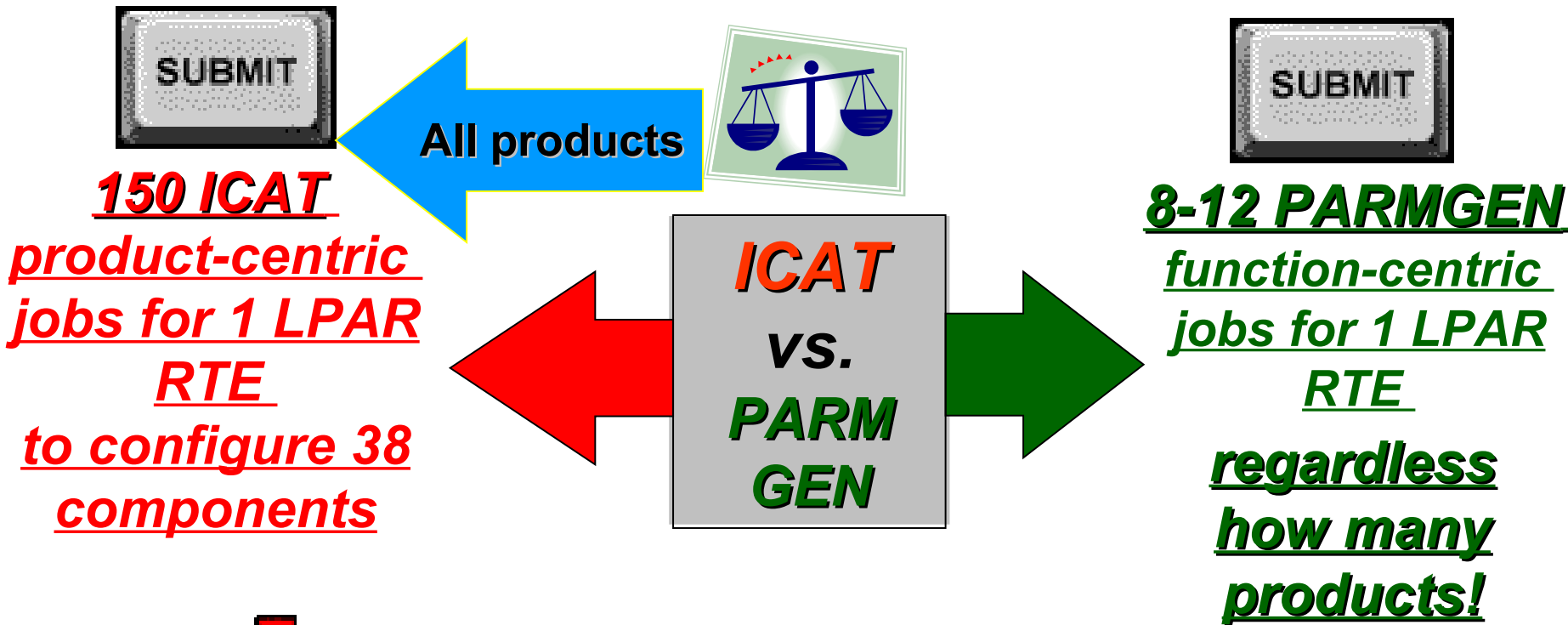
Product-centric (ICAT) vs. Function RTE-centric jobs (PARMGEN)



Quantifiable Results!



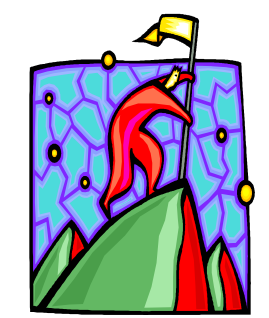
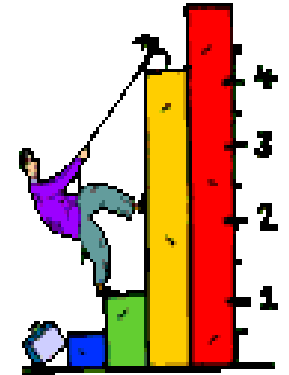
Product-centric (ICAT) vs. Function RTE-centric jobs (PARMGEN)



150 ICAT
product-centric
jobs for 1 LPAR
RTE
to configure 38
components

8-12 PARMGEN
function-centric
jobs for 1 LPAR
RTE
regardless
how many
products!

Quantifiable Results!



Most Important Validation – Our Customer Experience

Lots of great feedback from Pulse, EAP, zCAC, RFEs, PMR suggestions, etc.

Recent quotes in 4Q12:

- ✔ ***“I love PARMGEN so far!”***





- ✔ ***“Customer switched to PARMGEN with a V420 roll-out in December 2011 & this move up to V510 came much quicker than I even hoped. They are happy with PARMGEN and weren't fans of ICAT”***

- ✔ ***“I like the PARMGEN and I believe our customers will like it. No longer going through a bunch of panels for each product and it's similar to using Batch ICAT which most customer have made use of from what I have seen.”***

- ✔ ***“Parmgen Configuration Tool. Great improvement over ICAT”***

Most Important Validation – Our Customer Experience

Recent quotes in 3Q12: (continued)

-  ***“I do like the updates in the PARMGEN reference guide. One of my concerns is to have an easy to use procedure on what to do after applying maintenance. I think that Scenario 3 in Chapter 3 gives a good explanation on the different options and what to do. And it is written in a language that everyone can understand (;-)). Tips like the one on page 178 are certainly an added value to this documentation. Pick up the good idea's from different sites and make them available to other people.”***
-  ***“PARMGEN picking up speed in the field.. Once we logged onto the OM, OMII, and TOM each customer said, "That's it? That's all there is to it?". Great JOB... I love it. ”***
-  ***"PARMGEN is a good step to have a generation tool one can trust" and SDA is very good to always have a consistent environment between z/OS and Windows (for our environment).."***
-  ***"The Parmgen tool is an outstanding improvement compared with ICAT, as I mention in one of my previous notes we were avoiding the upgrade of Omegamon mainly because of ICAT, we were able to create and use a new RTE in 1 day (with the ICAT tool it takes us between 1 and 2 weeks)."***

z/OS Product Families Supported by PARMGEN



Recent PARMGEN Framework Enhancements





We continue to research other PARMGEN Integration Opportunities

Provide a more integrated "**SHARE**" model:

S-ave and store values to a common data repository

H-arvest values from a common data repository where user settings were configured/customized

A-utodiscover from system values/any available data repository where user settings were configured/customized

R-euse values by any subsequent install/config. process

E-xtend common JOBGEN/PARMGEN repository to other installers/configurators to render similar "**SHARE**" model

Recent PARMGEN Offerings for the OMXE V510s

✓ A. PARMGEN Configuration Framework Enhancements – User Stories supported:

✓ 1. Install Job Generator/PARMGEN Workflow UI Integration with Service Management Connect (SMC) linkage:

- **Scenario:** “As a new user of installing and configuring the OMEGAMON/ITM products on z/OS, I want a “one-stop source” on z/OS to help me navigate through the software deployment checklists/steps of planning, ordering, installing, configuring and maintaining our products.”

➤ **Value add:**

Not in ICAT ➤ Provide new **Software Deployment JOBGEN/PARMGEN Integration menu** with Service Management Connect (SMC) linkage and deployment checklists.

Not in ICAT ➤ Provide the option to discover last referenced JOBGEN output library if user wants PARMGEN to reuse CALLLIBS parameters from the JOBGEN repository field.





JOBGEN/PARMGEN Integration Splashscreen with SMC

Welcome to the z/OS Installation and Configuration Tools for IBM Tivoli Management Services (TMS) dependent products

Option ==> _

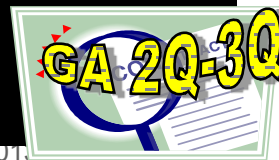
Read/Print Checklists prior to installation and configuration:

1. Checklist: Planning and Acquisition
2. Checklist: Prepare the system
3. Checklist: Review the product components & installation steps
4. SMP/E-install z/OS products with Install Job Generator (JOBGEN)
5. Configure z/OS products with Parameter Generator Workflow (PARMGEN)
6. Checklist: Complete the post-configuration steps
7. About joining the community: Service Management Connect (SMC)
- P. Print checklist(s) selectively

ETE flow

Seamless integration

SMC option that brings up a README





JOBGEN/PARMGEN Integration Splashscreen with SMC

```

HELP--- Z/OS INSTALLATION AND CONFIGURATION TOOLS - WELCOME (Continued) ---
COMMAND ==> _

post-configuration steps that must be reviewed and implemented prior
to starting up the products.

7. About joining the community: Service Management Connect
This section provides a high-level summary of the benefits of joining
the Service Management Connect (SMC) community, as well as information
about the SMC community linkage.

P. Print checklist(s) selectively
This section provides a sub-menu that allows you to print your Software
Deployment checklist of choice.

-----
Maintenance Level Information:
This section provides the different maintenance levels for FMID
HKCI310, which supplies infrastructure support for:
A. Installation Tool:
  1. Install Job Generator (JOBGEN) - Last updated by PTF UA66332
     (APAR OA39890 - 3Q12B Interim Feature (IF))
B. Configuration Tools:
  1. Parameter Generator (PARMGEN) - Last updated by PTF UA67172
     (Press ENTER to continue)
    
```



Help panel

Latest nQyy
IF, APAR
and PTF#



Recent PARMGEN Offerings for the OMXE V510s

✓ A. PARMGEN Configuration Framework Enhancements – User Stories supported (continued):

✓ 2. Provide new PARMGEN Workflow UI panel options and jobs to make RTE maintenance even easier:

- **Scenario:** *“As the installer/configurator of dozens of RTEs, I want an easier access to the RTE maintenance and cloning jobs.*
- **Value add:**
 - ❖ Provide new options on the PARMGEN Workflow main panel:
 - *“3. KCIJPCCF Clone customized WCONFIG members.(Optional)*
 - *“5. KCIJPMC1 Merge profile from backup %RTE_NAME%.*
 - *“6. KCIJPMC2 Merge profile from model RTE. (Optional)*
 - *“U Utilities Access PARMGEN Utilities”*
 - ❖ Provide an RTE inventory listing to allow switching from one RTE to another.
 - ❖ Provide new standalone PARMGEN utility jobs in the &rhilev.&rte,WKANSAMU library: KCIJPCPR backup RK* production user runtime libraries job and KCIJPCPW backup WK* PARMGEN work libraries job. These jobs intend to replace KCIJPCY backup job which currently still needs further editing to specify which set of libraries to copy into the back-up libraries.





PARMGEN Workflow UI – more ease-of-use options added

```

KCIP@PGO ----- PARAMETER GENERATOR (PARMGEN) WORKFLOW - WELCOME -----
Option ==>                                     Scroll ==> CSR
Enter PARMGEN parameter values appropriate for your environment:
GBL_USER_JCL:  TDITN.SYSPLEX.PARMGEN.JCL_____
                PARMGEN common/global library for RTEs (CONFIG DD lib. in STCs)
RTE_PLIB_HILEV: TSTEST.CANDLET_____
                High-Level Qualifier (HLQ) of work libraries (IK*,WCONFIG,WK*)
RTE_NAME:     DEMOMVS_ (Type ? for a list of configured RTEs)
                Runtime environment (RTE) name for this LPAR
    
```

Note: Enter n (1-11) to perform tasks.
 Enter ns (1s-11s) for detailed job/task status.

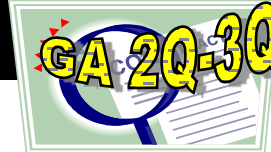
Status	Date
-----	-----

- 1. KCIJPCFG Set up PARMGEN work environment for an RTE.
- 2. \$JOBINDX Review PARMGEN job index.
- 3. KCIJPCCF Clone customized WCONFIG members. (COND)
- 4. KCIJPUP1 Update interim libraries and create profiles. (COND)
- 5. KCIJPMC1 Merge profile from backup DEMOMVS (COND)
- 6. KCIJPMC2 Merge profile from model RTE. (COND)
- 7. KCIJPCNV Convert an ICAT RTE Batch member. (COND)
- 8. DEMOMVS Customize PARMGEN configuration profiles.
- 9. KCIJPVAL Validate PARMGEN profile parameter values.
- 10. \$PARSE Create the RTE members and jobs.
- 11. SUBMIT Submit batch jobs to complete PARMGEN setup.
- U Utility Access PARMGEN utilities. (Optional)
- R New RTE Reset RTE, Status and Date fields. (Optional)



See CUAATTR ISPF cmd.

EYE Config Workflow menu





PARMGEN Workflow UI – more ease-of-use options added

```

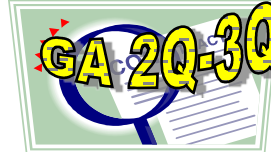
KCIP@PGU ----- ACCESS PARMGEN UTILITIES -----
Option ==> _

Select an option to display a dataset member list.

1.  WKANCMDU          TSTEST.CANDLET.DEMOMVS.WKANCMDU
2.  WKANPARU          TSTEST.CANDLET.DEMOMVS.WKANPARU
3.  WKANSAMU          TSTEST.CANDLET.DEMOMVS.WKANSAMU
4.  WKD2PAR           TSTEST.CANDLET.DEMOMVS.WKD2PAR
5.  WKD2PRF           TSTEST.CANDLET.DEMOMVS.WKD2PRF
6.  WKD2SAM           TSTEST.CANDLET.DEMOMVS.WKD2SAM
7.  WCONFIG           TSTEST.CANDLET.DEMOMVS.WCONFIG
8.  GBL_USER_JCL      TDITN.SYSPLEX.PARMGEN.JCL
9.  RTE_X_SECURITY_EXIT_LIB  TSTEST.CANDLET.DEMOMVS.RKANSAMU
    
```



Future options for printable, on-line READMEs and post-configuration steps



Recent PARMGEN Offerings for the OMXE V510s

✓ A. PARMGEN Configuration Framework Enhancements – User Stories supported (continued):

- ✓ 3. Enhance PARMGEN configuration processing without dependency on the SMP/E CSI installation values:
- **Scenario:** *“As the configurator of RTEs at our shop, I want to deploy the OMEGAMON/ITM products but I do not have access to the SMP/E global CSI environment as another group performs that function in our environment.*
 - **Value add:** Remove the PARMGEN process dependency on the SMP/E global CSI fields.





PARMGEN Workflow UI – more ease-of-use options added

```

KCIP@PG2 ---- SET UP PARMGEN WORK ENVIRONMENT FOR AN RTE (2 OF 3) -----
Command ==>

GBL_USER_JCL:      TDITN.SYSPLEX.PARMGEN.JCL
RTE_PLIB_HILEV:   TSTEST.CANDLET
RTE_NAME:         DEMOMVS

Enter parameter values appropriate for your environment:

GBL_INST_HILEV:   _____
                  HLQ of ICAT INSTLIB/INSTJOBS installation datasets

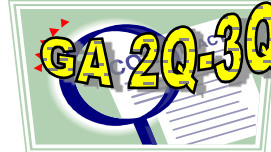
GBL_TARGET_HILEV: TDITNT.DEV.ITM62351_____
                  HLQ of SMP/E target (TK*) datasets

GBL_SYSDA_UNIT:   SYSDA____
                  Non-VSAM disk UNIT (global work datasets)
    
```

Note: Type BACK to go back one panel.



CSI_DSN and TARGET_ZONE removed



Recent PARMGEN Offerings for the OMXE V510s

❌ A. PARMGEN Configuration Framework Enhancements – User Stories supported (continued):

✔ 4. Provide an easier ICAT->PARMGEN conversion for sharing RTEs:

- **Scenario:** “As a new user of PARMGEN trying to convert my ICAT RTEs that are sharing with a Base RTE of which read-only base libraries reside in different SMS volumes and RTE HLQ separate from the master RTE sharing the base, I want PARMGEN to automatically pre-populate the shared-to RTE values from the shared base RTE as I convert the RTE sharing the base so I have less parameters to customize in the PARMGEN profile.”
- **Value add:** Support PARMGEN KCIJPCNV ICAT->PARMGEN conversion job to convert shared-to RTE values automatically for PARMGEN LPAR RTE profile parameters like HLQ and SMS parms. if set by the shared-to RTE like a Base RTE.



Recent PARMGEN Offerings for the OMXE V510s

✓ A. PARMGEN Configuration Framework Enhancements – User Stories supported (continued):

✓ 4. Provide an easier ICAT->PARMGEN conversion for sharing RTEs:

- **Value add:** Support PARMGEN KCIJPCNV ICAT->PARMGEN conversion job to convert shared-to RTE values automatically for PARMGEN LPAR RTE profile parameters like HLQ and SMS parms. if set by the shared-to RTE like a Base RTE.
- **Customer quote:**

"I see with GREAT JOY, that you now use the BATCH member name: If RTE_TYP=SHARING RTE_SHARE=BASE to automatically set RTE_X_HILEV_SHARING."
 "This will save a validation error in the PARMGEN validation step"



Planned PARMGEN TTV Enhancements in 4Q12 and 1Q13



PARMGEN 4Q12 Base Contents (Highlights)

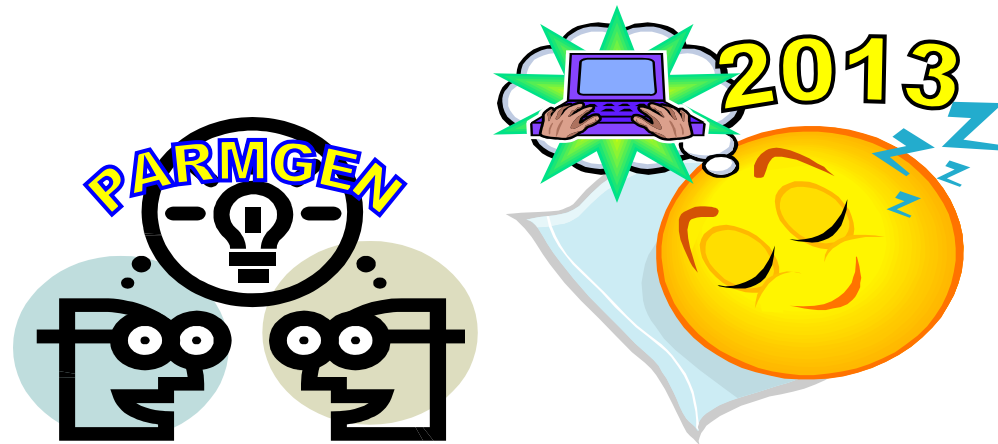
** Base Contents:

- ❑ Enhance the KCIJPW2R WK*->RK* Deployment job to provide support for non-PARMGEN controlled members to be preserved in the RK* user libraries and provide a user-controlled list of EXCLUDE members.
 - **Benefit:** Save time from having to manually copy back non-PARMGEN-tailored (but required) user customized members.
- ❑ Provide several APPCONFIG enhancements for the TEMS, e3270UI, and a number of OMEGAMON products.
 - **Benefit:** Most RFEs are aimed towards more autodiscovery and manual post-configuration step reduction.
- ❑ (Part 1) Implement KOBSPDPT OMEGAMON security standardization of where the KppSUPDI command table exits can be maintained for user customizations so the composite KCIJPSEC security job can take advantage of using the common security exit library.
 - **Benefit:** Reduce the post-configuration security steps and give customers one place to lock-down the security exits.

Enablement Support:

❖ Common Infrastructure:

- 4Q12A APAR#: OA40035 for **HKCI310 PTF UA67172 (GA 12/27/2012)** ★




See **PARMGEN Technote** for the full list of 4Q12A Interim Feature enhancements

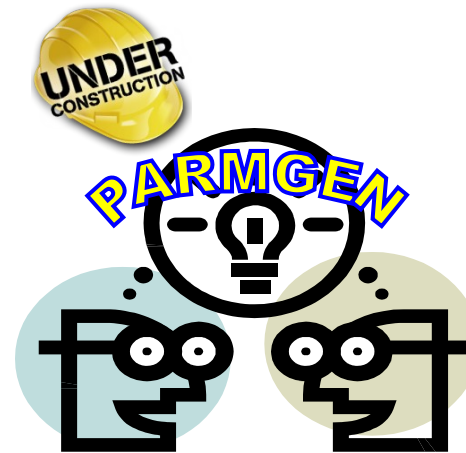
PARMGEN 1Q13 Base Contents (Highlights)

** Base Contents (to-date):

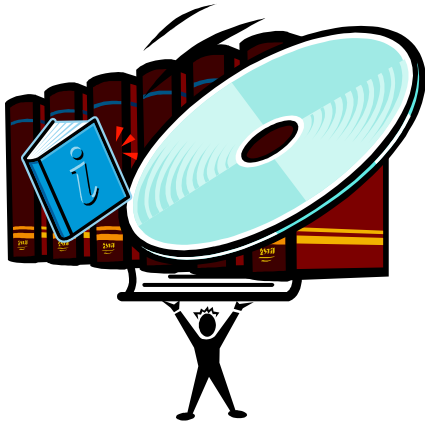
- ❑ Provide additional global RTE options on the KCIJPCFG panels to create a more-tailored, out-of-the box PARMGEN CONFIG profiles.
 - **Benefit:** For first-time users, less parameters to customize in the profile (added 490 parameters already tailored).
- ❑ Support a more automated PARMGEN RTE CONFIG profile refresh mechanism when common and/or global RTE configuration values are modified after initial deployment.
 - **Benefit:** Reduce the profile refresh steps from 4 PARMGEN steps to 1 automated job.
- ❑ (Part 2) Implement KOBSPDT OMEGAMON security standardization of where the KppSUPDI command table exits can be maintained for user customizations so the composite KCIJPSEC security job can take advantage of using the common security exit library.
 - **Benefit:** Reduce the post-configuration security steps and give customers one place to lock-down the security exits.

Enablement Support:

- ❖ **Common Infrastructure:**
 - 1Q13A APAR#: OA40649 for **HKCI310 PTF UA67787 (ETA GA 03/03/2013)** 



See PARMGEN Technote for the full list of 1Q13A enhancements



PARMGEN Documentation



PARMGEN Documentation (Master Technote)

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URL: <http://www-01.ibm.com/support/docview.wss?uid=swg21417935>

Master PARMGEN Technote

PARMGEN Configuration for OMEGAMON/TMS Products on z/OS

News

Abstract

PARMGEN Configuration for IBM Tivoli OMEGAMON XE and other Tivoli Management Services (TMS) dependent products

Content

Introduction:

This is PARMGEN configuration support for configuring the IBM Tivoli OMEGAMON XE and other Tivoli Management Services (TMS) dependent products on z/OS.

The products listed below, along with their dependent configurable components, are supported to create a brand new runtime environment (RTE) using the new PARMGEN mode in lieu of using the current ICAT z/OS Configuration Tool. The following versions are listed as the *minimum** versions that PARMGEN mode supports for these products:

z/OS Product Families Supported by PARMGEN (Minimum Versions)

*Products configured in ICAT RTEs that will be converted to PARMGEN RTEs would need to be at these minimum versions listed above.

- Component: Tivoli Enterprise Monitoring Services (TEM5)
- Component: Tivoli Agent Configuration Framework (KAG)
- Component: Common Persistent Data Store (CPDS)

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★★★★☆

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Document information

[Tivoli Monitoring Version 6](#)

Software version: 6.2.2, 6.2.3

Operating system(s): z/OS

Reference #: 1417935

Modified date: 2013-02-07

Translate my page

Select Language

**** Ongoing ** In between publication re-release, the technote gets updated for alerts, next IF so customers can subscribe to the APAR, etc.**

PARMGEN Documentation (Master Technote) (continued)

Enablement Support: ^{Updated}

Download the latest GA PARMGEN PTFs and let's get started!

APAR#	FMID / PTF#	Interim Feature (IF) Release Date
OA37250 OA37631	HKCI310/UA61757	January 26, 2012 (1Q12A)
OA38188 OA38388	HKCI310/UA63670 HKDS623/UA63672 HKDS622/UA63671	February 26, 2012 (1Q12B)
OA39386 OA38938	HKCI310/UA65042 HKDS623/UA64408	April 26, 2012 (2Q12A)
OA38937	HKCI310/UA64407	June 15, 2012 (2Q12B)
OA39626 OA40072 OA40196 OA39630 OA40162	HKCI310/UA66338 HKDS623/UA66248	August 31, 2012 (3Q12A)
OA39890	HKCI310/UA66332	September 22, 2012 (3Q12B)
OA40035	HKCI310/UA67172	*GA* December 27, 2012 (4Q12A) NEW!
OA40649 NEW! OA41145 NEW!	HKCI310/UA67787 HKDS623/UA67687	1Q13A - ETA GA **TBD** Subscribe now!

Master PARMGEN Technote

URL: <http://www-01.ibm.com/support/docview.wss?uid=swg21417935>

4Q12
1Q13
NEXT

Subscribe: <http://www-01.ibm.com/support/electronicssupport/> Sign-up for IBM MyNotifications: <https://www.ibm.com/support/mynotifications>

Details:

In the "Attachments:" section of this technote is a detailed discussion of the following PARMGEN topics:
TIP: As you navigate through the larger sections of this document, do a FIND on "**Date Last Updated:** " to quickly see if the frequently-subscribed Section(s) such as "**Section: What's New in nQyyA/nQyyB IF?** ", "**Section: What will be in nQyyA/nQyyB IF?** " or "**Section: FAQs** " have been updated recently. Each applicable Section will have a " (^{updated} **Date Last Updated: yyyymmdd**) " label for readability and ease-of-use.

- **Section: What's new? (GA) Sub-section: What's New in 4Q12A:** *GA***----** ***** Required reading ***** (^{updated} **Date Last Updated: 20121227**)
- **Section: What Will Be In 1Q13A? Request for Enhancements (RFE)/Issues Addressed by APAR OA40649** **----** ***** Required reading ***** (^{updated} **Date Last Updated: 20130210**)
- **Section: FAQs** (^{updated} **Date Last Updated: 20130116**)
- **Section: Sample RTE Implementation Scenarios**
- **Section: RFEs for Prioritization**
- **Section: (Reference Only) Previous nQyyA/nQyyB Interim Features**

Ongoing updates to the "What's New"; "FAQs" (framework or APPCONFIG updates across 38 components)



PARMGEN Documentation (Master Technote) (continued)

*** **Required Reading** ***

Section: What's New in GA 4Q12A?:  *GA* ( *Date Last Updated: 20121227*) 

Section: What's New in GA 4Q12A? RFEs/Issues Addressed by APAR OA40035 (HK...

===END "Section: What's New in GA 4Q12A?"===

Section: What Will Be In 1Q13A?: ( *Date Last Updated: 20130210*) 

Section: What Will Be In 1Q13A? RFEs/Issues Addressed by APAR OA40649 (HKCI3...

===END "Section: What Will Be In 1Q13A?"===

Section: FAQs: ( *Date Last Updated: 20130116*) 

Section: FAQs:

===END "Section. FAQs"===

Section: Sample RTE Implementation Scenarios

===END "Section: Sample RTE Implementation Scenarios"===

Section: Request For Enhancements (RFE) for Future Consideration/Known Limitati...

===END "Section: RFEs for Prioritization (Futures)"===

Section: (Reference Only) Previous nQyyA/nQyyB Interim Features (IFs)

===END "Section: (Reference Only) Previous nQyyA/nQyyB Interim Features (IFs)"===



**Do a FIND on "Date Last Updated:"
on the more frequently-visited Sections** 

PARMGEN Documentation (Master Technote) (continued)

*** *Required Reading* ***

Section: What's New in GA 4Q12A?: ☆ *GA* (updated Date Last Updated: 20121227)



Section: What's New in GA 4Q12A? RFEs/Issues Addressed by APAR OA40035 (HK...)

Section: 4Q12A Request for Enhancements (RFE)/Issues Addressed by APAR OA40035 (HKCI310 PTF UA67172): **NEW!**

▶ ***** Important HOLDDATA-related Details and Notes applicable to the 4Q12A HKCI310 UA67172 P...**

The following enhancements and issues are addressed in the HKCI310 PARMGEN PTF UA67172 for APAR OA40035:

A. 4Q12A Enhancements:

=====

▼ RFE: Provide PARMGEN Workflow UI improvements for PARMGEN: A. Configuration Framework Enhancements/...

● **RFE: Provide PARMGEN Workflow UI improvements for:**

A. PARMGEN Configuration Framework Enhancements/Updates:

1. *Enhance the KCIJPW2R WK*->RK* Deployment job to provide support for non-PARMGEN controlled members to be preserved in the RK* user libraries and provide a user-controlled list of EXCLUDE members.*
 >Benefit: Save time from having to manually copy back non-PARMGEN-tailored (but required) user customized members.
2. *Implement KOB SUPDT OMEGAMON security standardization (Phase 1) of where the KppSUPDI (KOC SUPDI, KO2 SUPDI, KOI SUPDI, and KOM SUPDI) Classic command table exits can be maintained for user customizations so the composite KCIJPSEC security job can take advantage of using the common RTE_X_SECURITY_EXIT_LIB as the standard security user exit library. See master PARMGEN technote FAQ#37 for more information.*
 >Benefit: Reduce the post-configuration security steps and give customers one place to lock-down the security exits.



HOLDDATA in PTF cross-references the PARMGEN technote for important REASON(ACTION) details.

PARMGEN Documentation (Master Technote) (continued)

Section: What's New in GA 4Q12A? RFEs/Issues Addressed by APAR OA40035 (HK...

Section: 4Q12A Request for Enhancements (RFE)/Issues Addressed by APAR OA40035 (HKCI310 PTF UA67172): **NEW!**

▼ ***** Important HOLDDATA-related Details and Notes applicable to the 4Q12A HKCI310 UA67172 P...**

***** Important HOLDDATA-related Details and Notes applicable to the 4Q12A HKCI310 UA67172 PTF *****

- **4Q12A Note#1:** Please review "[Section: What's New in 3Q12x](#)" and "[Section: What's New in 2Q12x](#)" HOLDDATA information if you have not done so already. If you will be reconfiguring the existing PARMGEN-created RTE, then once you apply any of the xQ12* maintenance, perform step #2 **at a minimum** then proceed with reviewing FAQ#5. If you will be upgrading the product FMIDs, perform step#1, #2, and #3 below:

1. ***** Required***** Refresh your **KCIJPCFG** job by simply navigating to "**1. KCIJPCFG Set up PARMGEN work environment for an RTE.**" step on the PARMGEN Workflow UI (KCIP@PG0) menu. **Regenerate and resubmit** the KCIJPCFG job.
2. ***** Required***** Rerun the **KCIJPUP1** job ("**KCIJPUP1 Update interim libraries and create profiles.**" option on the KCIP@PG0 menu).
3. ***** Conditional ***** Depending on which RTE maintenance scenario you are performing as outlined in **FAQ#5** in the "**Section: FAQ**" below, proceed with the applicable PARMGEN steps (rerunning \$PARSE job, rerunning KCIJcLOD job on the SUBMIT option sub-menu, etc.)

● **4Q12A Note#2: Changed PARMGEN profile parameters and/or default values.**

- **A. New WCONFIG RTE LPAR profile parameters:**

1. **KDS_X_TEMS_KDSSTRT1_DELAY_INT** - if you have a z/OS Tivoli Enterprise Monitoring Server (TEMS) installed, this parameter is used to control the interval between the data retrieval agent (OMEGAMON Enhancer) and the Data Retrieval Agent (DRAG) jobs. The default is 180 seconds (3 minutes).

Important HOLDDATA notes are enumerated: - when KCIJPCFG job is required - any changed/new/deleted RTE profile parameters - any new WCONFIG override imbeds (Kpp\$*) - any new KCIJP* jobs or product



PARMGEN Documentation (Master Technote) (continued)

Section: What Will Be In 1Q13A?: (updated Date Last Updated: 20130210)



Section: What Will Be In 1Q13A? RFEs/Issues Addressed by APAR OA40649 (HKCI310 PTF UA677...

Section: 1Q13A Request for Enhancements (RFE)/Issues Addressed by APAR OA40649 (HKCI310 PTF UA67787): **NEW!**

▶ ***** Important HOLDDATA-related Details and Notes when the 1Q13A PTF UA67787 is available *****

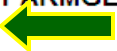
The following enhancements and issues are addressed in the HKCI310 PARMGEN PTF UA67787 for APAR OA40649:

A. 1Q13A Enhancements:



▶ RFE: Provide PARMGEN Workflow UI improvements for PARMGEN: A. Configuration Framework Enhancements/Updates B. Applic...

===END "Sub-section: A. 1Q13A Enhancements"===



B. 1Q13A Issues:



▶ SYMPTOM: The KCIJPSYS system copy job gets a RC=4 when trying to IEBCOPY the OMEGAMON XE for Messaging started task...

▶ SYMPTOM: The Epilog Historical Maintenance Secondary procedure (KM2 HIS2 PROC=RC OMEGAMON XE for Messaging) does no...

▶ SYMPTOM: The OMEGAMON XE for Messaging fails to start with the following error message: "The WCONFIG(\$VALRPT) valid...



**Each nQyyx IF has 2 sub-sections:
A. Enhancements (PARMGEN Workflow UI framework and PARMGEN APPCONFIG (app-specific))
B. Issues and Workaround Until PTF is available**



**Take note of
===END "§ion"===
markers**

PARMGEN Documentation (Master Technote) (continued)

The following enhancements and issues are addressed in the HKCI310 PARMGEN PTF UA67787 for APAR OA40649:

A. 1Q13A Enhancements:

=====

▼ **RFE: Provide PARMGEN Workflow UI improvements for PARMGEN: A. Configuration Framework Enhancements/Updates B. Applic...**

● **RFE: Provide PARMGEN Workflow UI improvements for:**

A. PARMGEN Configuration Framework Enhancements/Updates:



1. *Implement KOBSPDPT OMEGAMON security standardization (Phase 2) of where the KppSUPDI (KOCSPDPT, KO2SUPDI, KOISUPDI, and KOMSUPDI) Classic command table exits can be maintained for user customizations so the composite KCIJPSEC security job can take advantage of using the common RTE_X_SECURITY_EXIT_LIB as the standard security user exit library. In Phase 2, the security exits maintained in the RTE_X_SECURITY_EXIT_LIB library will now be automatically presented in ISPF EDIT mode if user has further customizations he wants to make to the exits, prior to PARMGEN's presenting the composite KCIJPSEC security job for submission.*
 - *Benefit: Reduce the post-configuration security steps and give customers one place to lock-down the security exits.*
2. *Provide additional global RTE options on the KCIJPCFG panels to create a more-tailored, out-of-the box PARMGEN CONFIG profiles.*
 - *Benefit: For first-time users, one has less parameters to customize in the profile (added 490 parameters already tailored automatically out of the box, if you have all the products configured).*
3. *Support a more automated PARMGEN RTE CONFIG profile refresh mechanism when common and/or global RTE configuration values are modified after initial deployment. Provide the option to refresh the PARMGEN user profiles (RTE and \$GBL\$USR) automatically when any global RTE values, configured product mix, etc. on the KCIJPCFG panels, are changed.*
 - *Benefit: Reduce the profile refresh steps from 4 PARMGEN steps to 1 automated KCIJPCFG/KCIJPPRF job.*
4. *In reconfiguring a System Variables-enabled RTE (RTE_SYSV_SYSVAR_FLAG=Y) that has local override for system symbols (RTE_X_SYSV_OVERRIDE_SYMBOLS=Y), submit the WKANSAMU(KCIJVUPV) job automatically when re-running the WCONFIG(\$PARSESV) job.*
 - *Benefit: For ease of use, variable-named runtime members that could symbolics (*_STC started tasks, *_VTAM_NODE, etc.) are now created automatically in one job (\$PARSESV) as opposed to running \$PARSESV and running KCIJVUPV job, as this enhancement will detect if the local override flag is set in order to resolve the symbolics in the variable-named runtime members.*
5. *Enhance KCIJPMC1/KCIJPMC2 merge LPAR profile values job to automatically use the higher values when TMS:Engine TEMS or Agent storage default values change.*
 - *Benefit: Reduce reconfiguration requirements when required storage values change for TMS:*



Section nQyyx Enhancement (source: RFEs, PMRS, EAPs/Beta Forums):
A. PARMGEN Workflow UI framework
B. PARMGEN APPCONFIG requested by each application

PARMGEN Documentation (Master Technote) (continued)

- 5. Enhance KCIJPMC1/KCIJPMC2 merge LPAR profile values job to automatically use the higher values when TMS:Engine TEMS or Agent storage default values change.
>Benefit: Reduce reconfiguration requirements when required storage values change for a TEMS or Agent, and automating the KCIJPMCn merge profile processing to use the higher value reduces the exposure of any TMS:Engine started task to encounter storage quiesce startup issues.
- 6. Enhance the library-specific \$PARSE jobs (\$PARSEPR IK*->WK* PAR*/PRF*-related "Create runtime members" job / \$PARSESM IK*->WK* SAM-related "Create runtime members" job to remove IEBUPDTE steps when RTE is not enabled for System Variables.
>Benefit: File-tailoring the \$PARSEPR and \$PARSESM jobs to not include the IEBUPDTE-related steps of variable-named runtime members that could point to symbolic values, avoids generating a RC=4 when the job is submitted for a System Variables-enabled RTE.
- 7. Provide a new KCIJVRSV System Variables resolver/wrapper job in WKANSAMU. Use this generic job to resolve any PARMGEN jobs that contain symbolics. Specify the "JB2RESLV" value to resolve and and send the job through the internal reader (INTRDR). This job is applicable to generated jobs for System Variables-enabled RTEs ("RTE_SYSV_SYSVAR_FLAG" parameter in WCONFIG(%RTE_NAME%) LPAR profile is set to "Y").
>Benefit: The KCIJVRSV System Variables resolver job can be used for any of the special product standalone jobs that copy globals, allocate product-specific datasets, etc.
- 8. Provide a handy System Variables resolution report called \$SYSVAR1 in the WCONFIG library, via the WCONFIG(\$PARSEDV) job. For more information, please refer to the "&\$PARSE_JOB CREATE THE RTE MEMBERS AND JOBS" (KCIP@PRS) help panel's "Overview - \$PARSE* jobs in WCONFIG" topic. There is a key discussion on these topics listed below, which aids in determining what types of symbolics you may want to exploit in your LPAR profile: Help Topic#1. \$PARSEDV job for the System Variables report and Help Topic#2: SYSVROUT DDNAME in \$PARSE* jobs
>Benefit: For ease of use, customer has the flexibility to save the full System Variables resolution report in a dataset.
- 9. Enhance KCIJPSYS system set-up job to provide customer the option to include Health Check-related steps.
>Benefit: If the Health Check-related members for APF and STC will not be used, allowing the option to null out the "GBL_DSN_HZSPROC_LOADLIB" parameter generates a streamlined KCIJPSYS job without the extra COPYH* steps generated that will not be used.

For each Enhancement, "Benefit" is highlighted for value added by the feature.



PARMGEN Documentation (Master Technote) (continued)

- 10. Provide a new KCIJPB2R/KCIJVB2R (if System Variables is enabled) fallback IEBCOPY job in WKANSAMU. This job copies the %RTE_HILEV%.%RTE_NAME%.RK*.%CLONE% backup RK* production user libraries (RKANCMDU, RKANPARU, RKANSAMU, RKD2PAR, RKD2PRF and RKD2SAM %CLONE% copies) back into the product execution user libraries (RK*).
>Benefit: If the backup libraries RK* user libraries need to be restored back to the versions prior to running the KCIJPW2R WK*-->RK* user libraries deployment job, you have a readily available job to do the restore.
- 11. Provide SMS support for KCIJPIVP job's %RTE_PLIB_HILEV%.%RTE_NAME%.WSUPERC sequential SUPERC dataset allocation based on RTE_SMS_* parameter values specified by customer in the WCONFIG LPAR profile, instead of inheriting the SMS values for the %RTE_PLIB_HILEV%.%RTE_NAME%.WCONFIG library.
>Benefit: If SMS site values change, KCIJPIVP processing will always use the latest specified values in the event that volume requirements have changed since WCONFIG library was initially allocated.
- 12. Present the WCONFIG(\$IVPRPT) automatically upon selection of the "10S" KCIJPIVP job step status on the "SUBMIT BATCH JOBS TO COMPLETE PARMGEN SETUP" KCIP@SUB panel.
>Benefit: For ease of use, one has easier access to viewing the output of the KCIJPIVP configuration IVP job.

===END "Sub-section: A. 1Q13A RFEs>>A. Configuration Framework Enhancements/Updates:"



For each Enhancement, "Benefit" is highlighted for value added by the feature.



Take note of
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markers

PARMGEN Documentation (Master Technote) (continued)

B. PARMGEN-supported Application Configuration Enhancements/Updates:



1. Tivoli Enterprise Monitoring Server (TEMS) and OMEGAMON Enhanced 3270UI: Support a benign, placeholder UKANDATV DDNAME in the TEMS started task (KDS_TEMS_STC = CANSDSST by default) for any future TEMS and Agent function exploitation.

>Benefit: Generating the started task with a benign UKANDATV DDNAME as preparation for any future functions, avoids having to recycle the TEMS to add a will-be required DDNAME.

2. OMEGAMON Enhanced 3270UI: Support a benign, placeholder UKANDATV DDNAME in the Tivoli OMEGAMON Manager (TOM) started task (KOB_TOM_STC = CANSTOM by default) for future Agent function exploitation.

>Benefit: Generating the started task with a benign UKANDATV DDNAME as preparation for any future functions, avoids having to recycle the TOM to add a will-be required DDNAME.

3. Common Agent configuration: Support a benign, placeholder UKANDATV DDNAME in all Agent started tasks (Kpp_AGT_STC = CANSpp by default) for any future Agent function exploitation.

>Benefit: Generating the started task with a benign UKANDATV DDNAME as preparation for any future functions, avoids having to recycle the Agent to add a will-be required DDNAME.

4. OMEGAMON XE for Mainframe Networks V4.2.0 and higher versions: Provide support for generating the SYSTCPD DDNAME as an optional DD in the N3 Agent started task (KN3_AGT_STC = CANSN3 by default).

>Benefit: If the CANSN3 Agent does not require the SYSTCPD DD for connection, one may null out (clear out) the "GBL_DSN_TCP_SYSTCPD_TCPDATA_MFN" parameter in the WCONFIG(\$GBL\$USR) so the PARMGEN \$PARSE or \$PARSESV "Create runtime members and deployment jobs" job creates the WKANSAMU(CANSN3) proc already tailored instead of updating the STC manually outside PARMGEN or ICAT controls. In ICAT, the SYSTCPD DD is not optional.

5. OMEGAMON XE for Messaging V7.0.0 and higher versions: Enhance the RKANDATV(KQIXML) PARMGEN KCIJPUSP USS set-up job processing by supporting a new WCONFIG(KQI\$XML) override imbed to accommodate additional MonitorBroker entries. WCONFIG(KQI\$XML) imbed is ideal for customizing additional broker entries as the current KQIXML template only allows for one instance.

>Benefit: Reduce the manual editing of RKANDATV(KQIXML) post-configuration by providing support for multiple broker lines as part of the PARMGEN configuration process, thus preventing overlaying user-customizations made to RKANDATV(KQIXML) outside configuration controls.

**Section nQyyx Enhancement (source: RFEs, PMRs, EAPs/Beta Forums):
 B.PARMGEN APPCONFIG requested by each application**



PARMGEN Documentation (Master Technote) (continued)

- 6. OMEGAMON XE for Messaging V7.0.0 and higher versions: Increase the KMC_AGT_STORAGE_MINIMUM_EXTEND and KMQ_AGT_STORAGE_MINIMUM_EXTEND configuration default to 300000 instead of 256000, in support of Self Describing Agent (SDA) functionality and other Agent new functions. Both parameters are used in the OMEGAMON XE for Messaging's KMC/KMQ Agent's xKANPARU(KppSYSIN) MINIMUM(%Kpp_AGT_STORAGE_MINIMUM_EXTEND%,X) parameter. Existing PARMGEN RTE profile values for these respective parameters are preserved so if you want to start using the new configuration default, modify the WCONFIG LPAR profile parameter prior to rerunning the \$PARSE or \$PARSESV job.
- 7. OMEGAMON XE for DB2 PE/PM V5.1.1: Support new IBM InfoSphere Optim Performance Manager-related LPAR profile parameters as follows: SPMON=%KD2_PFn_READA_SPMON%, RACOPSIZE=%KD2_PFn_READA_OPBUFSIZE% and RACOPTHRSHLD=%KD2_PFn_READA_OPBUFTHR% (SPMON=N, RACOPSIZE=16, and RACOPTHRSHLD=6 default) in the xKD2PAR(OMPE&dbid) runtime member. For more information, please refer to the Techdoc link: <http://www-01.ibm.com/support/docview.wss?uid=swg27035964>.
- 8. OMEGAMON XE for DB2 PE/PM V5.1.0 and higher versions: Provide EXC0&profid/EXC0&dbid "Create EXPLAIN views for subsystems of DB2 V10 - Compatibility Mode" and EXC1&profid/EXC1&dbid "Create EXPLAIN views for subsystems of DB2 V10 - New Function Mode" jobs.

===END "Sub-section: A. 1Q13A RFEs>>B. Application Configuration Enhancements/Updates:"

===END "Sub-section: A. 1Q13A RFEs"

=====

===END "Sub-section: A. 1Q13A Enhancements"

=====

**Section nQyyx Enhancement (source: RFEs, PMRs, EAPs/Beta Forums):
B.PARMGEN APPCONFIG requested by each application**



Take note of
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PARMGEN Documentation (Master Technote) (continued)

Section: (Reference Only) Previous nQyyA/nQyyB Interim Features (IFs)

The following Interim Features (IFs) from previous maintenance cycles are also available for reference. These PTFs below are superceded by the latest HKCI310 and HKDS623 PTFs noted in the "Enablement Support" Section of this technote. The "What's New? (GA)" Section features the latest IFs available and their contents.

Section: What's New in 3Q12A:

Section: 3Q12A Request for Enhancements (RFE)/Issues Addressed:

===END "Sub-section: What's New in 3Q12A"===

Section: What's New in 2Q12B:

Section: 2Q12B RFEs/Issues Addressed by APAR OA38937 (HKCI310 PTF UA64407):

===END "Sub-section: What's New in 2Q12B"===

Section: What's New in 2Q12A:

Section. 2Q12A RFEs/Issues Addressed by APARs OA39386 (HKCI310 PTF UA65042) / OA38938...

===END "Sub-section: What's New in 2Q12A"===

Section: What's New in 1Q12:

Section: 1Q12 RFEs/Issues

===END "Sub-section: What's New in 1Q12"===

Older IFs get moved to "Section: Previous nQyyA/nQyyB Interim Features (IFs)" so customers who are a few IFs behind GA maintenance have a quick way to review what's new in PARMGEN



PARMGEN Documentation (Master Technote) (continued)

Section: FAQs: (updated Date Last Updated: 20130116)



Section: FAQs:

Section: FAQs: updated

- **FAQ Index**: The following "FAQ#nn QUESTION:" entries list the queries addressed in this section. Navigate to the
- **FAQ Details**" section below for the detailed discussion. For ease-of-use, the FAQs have been *grouped by popular search keywords that may be used and/or basic category* where an FAQ may be classified under so the FAQ#nn are not in any ascending or descending order, but rather grouped by category based on when the FAQ was logged.

Next FAQ#nn:

FAQ#51 QUESTION: <placeholder>



FAQ Index:

SEARCH KEYWORDS OR CATEGORY: MIGRATION/CONVERSION/UPGRADE/MIXED ENVIRONMENT

FAQ#1 QUESTION: I have 40 ICAT-created RTEs that I want to convert to PARMGEN mode. Does PARMGEN support a staged conversion so I can convert (and upgrade at the same time) each RTE one at a time?

updated FAQ#2 QUESTION: We are upgrading to OMEGAMON XE for DB2 to V511 (from HKDB510 FMID) after we have already upgraded our current RTEs to ITM623 (HKDS623 FMID - z/OS TEMS V623), OMEGAMON XE on z/OS V510 (HKM5510 FMID), OMEGAMON XE for CICS on z/OS V510 (HKC5510 FMID), and the new OMEGAMON Enhanced 3270 UI (HKOB700 FMID). How do I upgrade the RTE to OMEGAMON XE for DB2 V511 (HKDB511 FMID) using PARMGEN?

FAQ section has 2 main sections:

1. **FAQ Index**: lists all the questions including what FAQ# is next
2. **FAQ Details**: has the details grouped by category




PARMGEN Documentation (Master Technote) (continued)

FAQ Index:

- ✓ SEARCH KEYWORDS OR CATEGORY: MIGRATION/CONVERSION/UPGRADE/MIXED ENVIRONMENT
- ✓ SEARCH KEYWORDS OR CATEGORY: TRANSPORT/MAINTENANCE/DEPLOYMENT/CLONING
- ✓ SEARCH KEYWORDS OR CATEGORY: ADDITIONAL SYSTEM VARIABLES
- ✓ SEARCH KEYWORDS OR CATEGORY: RECREATE/REGENERATE/OVERRIDE
- ✓ SEARCH KEYWORDS OR CATEGORY: ADD/DELETE
- ✓ SEARCH KEYWORDS OR CATEGORY: PARMGEN APPCONFIG SUPPORT / PRODUCT-SPECIFIC HOW-TO'S
- ✓ SEARCH KEYWORDS OR CATEGORY: PARMGEN WCONFIG PROFILES AND KCIJP* JOBS
- ✓ SEARCH KEYWORDS OR CATEGORY: SECURITY AND GLOBALS
- ✓ SEARCH KEYWORDS OR CATEGORY: BASE RTE/SHARING RTE
- ✓ SEARCH KEYWORDS OR CATEGORY: PARMGEN GBL_USER_JCL AND ISPF PROFILES

PARMGEN Documentation (Master Technote) (continued)


SEARCH KEYWORDS OR CATEGORY: TRANSPORT/MAINTENANCE/DEPLOYMENT/CLONING

 **FAQ#5 QUESTION:** In PARMGEN mode, what are the post-SMP/E maintenance steps? In ICAT, I would typically run the pp#2xxxx RTE Load job for each RTE unless there is a PTF HOLDDATA REASON(ACTION) that instructs users to customize a panel field in ICAT then "Re-register with local TEMS", or "Regenerate and resubmit 'Create runtime members' job, etc. for each product in the RTE multiplied by # of RTEs supported.

FAQ#6 QUESTION: Does PARMGEN support a 2-Base RTE approach so while my Base-sharing RTE is running from BASE1 libraries, I can put maintenance on BASE2 read-only libraries, then I can point to BASE2 libraries during my change control window, without having to reconfigure all the products?

FAQ#7 QUESTION: Our site standards for read-only libraries like a Base RTE's is to allocate them on a different VOLUME, MGMTCLAS and STORCLAS, different from unique LPAR-specific runtime libraries like my LPAR RTEs. Does PARMGEN support SMS/NONSMS values for the read-only libraries versus the unique LPAR runtime libraries?





FAQ#8 QUESTION: I created my first PARMGEN RTE and I have fully customized the WCONFIG members to use generic symbolics in the profiles (\$GBL\$USR global CONFIG profile, LPAR RTE CONFIG profile) and also customized several Kpp\$C*/Kpp\$P*/Kpp\$C* user override imbeds. Does PARMGEN process have cloning RTE Best Practices available aside from going through the normal 10-step process?

 **FAQ#9 QUESTION:** How do I create, load and process my PARMGEN runtime libraries locally on LPAR1 (where LPAR2 RTE is being created for) when I intend to run this System Variables-enabled PARMGEN RTE on LPAR2? What kinds of transport scenarios are supported in PARMGEN?

  **Top FAQs - a number have been moved to the PARMGEN Reference Guide**

PARMGEN Documentation (Shared Publications)

☐ *Publications updated to introduce PARMGEN:*

-  ➔ Tivoli® OMEGAMON XE Monitoring Agents on z/OS **Quick Start Guide**
- ➔ Tivoli® OMEGAMON XE and Tivoli Management Services on z/OS **Preinstallation Requirements and Instructions**
-  ➔ Tivoli® OMEGAMON XE and Tivoli Management Services on z/OS **PARMGEN Reference** ← **Scenarios includes e3270UI PARMGEN config.**
-  ➔ Tivoli® OMEGAMON XE and Tivoli Management Services on z/OS **Common Parameter Reference** ← **Includes e3270UI KOB* parms.**
-  ➔ Tivoli® OMEGAMON XE and Tivoli Management Services on z/OS **Upgrade Guide**
- ➔ Tivoli® Management Services on z/OS **Configuring the Tivoli Enterprise Monitoring Server on z/OS**
- ➔ Tivoli® OMEGAMON XE and Tivoli Management Services on z/OS **Common Planning and Configuration Guide**
- ➔ Product-specific **Parameter Reference** guides and planning and configuration guides

PARMGEN Documentation (Shared Publications)

❑ *PARMGEN Reference (Scenarios-based guide):*

IBM Tivoli Monitoring and OMEGAMON XE Information Center - Mozilla Firefox: IBM Edition

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IBM Tivoli Monitoring and OMEGAMON XE Inf... +

pic.dhe.ibm.com/infocenter/tivihelp/v15r1/index.jsp

Getting Started Latest Headlines IBM Business Transfor... IBM Standard Softwar... IT Help Central Join World Community... w3 Apache Tomcat/5.5.2...

Country/region [select]

Home Business solutions IT services Products Support & downloads My IBM

Search: **URL <http://pic.dhe.ibm.com/infocenter/tivihelp/v15r1/index.jsp>**

Content

- Viewing information in the information center
- Using the publications
- OMEGAMON XE shared publications**
 - Quick Start Guide
 - Common Planning and Configuration Guide
 - Upgrade Guide
 - PARMGEN Reference**
 - Common Parameter Reference
 - OMEGAMON Enhanced 3270 User Interface Guide
 - End-to-End Response Time Feature Reference
 - Reports for Tivoli Common Reporting
- Previous Versions
- IBM Tivoli Monitoring

IBM Tivoli Monitoring and OMEGAMON XE documentation

Welcome to this solution-based information center, which contains documentation for the OMEGAMON XE products, the IBM Tivoli Monitoring products, and the Tivoli Management Services components that they share.

Take a moment now to make sure that the version number of your documentation for each product matches the version number of the product. If it does not, select the correct version number in the Contents pane to the left, or find the documentation in the A-Z list of products at [Tivoli Documentation Central](#).

For information on obtaining and using the documents in this information center, see the [Documentation Guide](#).

PARMGEN Documentation (PARMGEN Reference)

The screenshot shows the IBM Tivoli Monitoring and OMEGAMON XE Information Center website. The main content area displays a table of contents for PARMGEN scenarios, organized into two main sections: installation scenarios and maintenance scenarios. A red dashed box highlights the 'Maintaining a PARMGEN deployment' section, and a yellow callout box points to it with the text 'New Chapter - top FAQs from the PARMGEN technote'. Another yellow callout box points to the top of the list with the text 'Updated PGNnn Scenarios based on 2Q-3Q IF design'. The browser address bar shows the URL: pic.dhe.ibm.com/infocenter/tivihelp/v15r1/index.jsp.

Scenario	Description
Scenario PGN01	Perform a pristine installation of the monitoring server and two OMEGAMON agents
Scenario PGN02	Perform an installation using shared libraries
Scenario PGN03	Perform a pristine installation of a high-availability hub monitoring server
Scenario PGN04	Clone an existing environment but convert its hub monitoring server to a remote
Scenario PGN05	Upgrade an existing environment to the current release
Scenario PGN06	Clone an existing environment to run on a different LPAR
Scenario PGN07	Upgrade an agent-only runtime environment to PARMGEN Phase 2
Maintaining a PARMGEN deployment	
Scenario 1	Delete a product from an existing runtime environment
Scenario 2	Apply maintenance to an existing runtime environment without changing the configuration
Scenario 3	Perform post-SMP/E maintenance steps
Scenario 4	Create agent runtime members
Scenario 5	Transport scenarios supported by PARMGEN
Scenario 6	Effects of changing PARMGEN parameters
Scenario 7	Add a new product into an existing PARMGEN runtime environment
Scenario 8	Can I use my KOB SUPDT security exits with PARMGEN?
Scenario 9	How does PARMGEN assemble the KOIGBLmp global data modules?
Scenario 10	Does PARMGEN support a high-availability (HA) hub monitoring server?
Scenario 11	Override the currently configured default storage limit within the RKANPARU(KppSYSIN) startup member
Scenario 12	Which PARMGEN jobs refresh the sharing RTE's read-only base libraries?
Scenario 13	After ICAT configuration, I manually edit the SYSTCPD DD in all my started tasks. How about with PARMGEN?
Scenario 14	With PARMGEN, where do I customize RTE_BASE_MIDLEV?
Scenario 15	Delete a runtime environment



Recommended Maintenance, Wikis and Links





Recommended Maintenance, Wikis and Links

XRF
PARMGEN
technotes

- ❑ Additional handy OMEGAMON Enhanced 3270 User Interface (e3270UI) Technotes and Links:

- **“Troubleshooting no data conditions on the OMEGAMON Enhanced 3270 User Interface (e3270UI)”**: URL: <http://www-01.ibm.com/support/docview.wss?uid=swg21610269> 👍
- **“Configuring OMEGAMON Enhanced 3270 User interface security”**: URL: <http://www-01.ibm.com/support/docview.wss?uid=swg21606218> 👍
- **“Customizing the initial workspace and related log-on profile for the OMEGAMON enhanced 3270 user interface”**: URL: <http://www-01.ibm.com/support/docview.wss?uid=swg21607391> 👍
- **“OMEGAMON Enhanced 3270 User Interface and support for OMEGAMON Agent versions prior to 5.1.0 ”**: URL: <http://www-01.ibm.com/support/docview.wss?uid=swg21610594>
- ❑ **OMEGAMON E3270UI Security configuration**: URL: http://publib.boulder.ibm.com/infocenter/tivihelp/v15r1/topic/com.ibm.omegamon_share.doc_623fp1/zconfigcommon133.htm?path=2_1_5_2_11#enable_securitye3270ui
- ❑ **OMEGAMON e3270UI Interface Guide**: URL: http://publib.boulder.ibm.com/infocenter/tivihelp/v15r1/topic/com.ibm.omegamon_share.doc_623fp1/source/e3270/e3270_interface.htm
- ❑ **OMEGAMON e3270UI Messages**: URL: http://publib.boulder.ibm.com/infocenter/tivihelp/v15r1/topic/com.ibm.itm.doc_6.2.3fp1/itm623fp1_messages42.htm?path=3_0_6_2_6_15#dqx1messages_ovu_beacon



Recommended Maintenance, Wikis and Links

- Additional handy planning, ordering, installation/maintenance and configuration-related technotes:
 - **Planning and Ordering:** "*Locating ITM Workspace Application Support Files for z/OS Agents*": URL: <http://www-01.ibm.com/support/docview.wss?uid=swg21255545>
 - **Planning and Ordering:** "*Preinstallation Requirements and Instructions*": URL: <http://www-01.ibm.com/support/docview.wss?uid=swg21318692>
 - **Installation:** "*Recommended Maintenance Service Levels for OMEGAMON XE products on ITM V6.x*": URL: <http://www-01.ibm.com/support/docview.wss?uid=swg21290883>
 - **Installation:** "*ITM Platform Maintenance Tables*": URL: <http://www-01.ibm.com/support/docview.wss?rs=203&uid=swg27008514>
 - **Configuration:** *Master PARMGEN technote "PARMGEN Alternative Configuration for OMEGAMON/ITM Products on z/OS"*: URL: <http://www-01.ibm.com/support/docview.wss?uid=swg21417935>



Recommended Maintenance, Wikis and Links

- ❑ **Tivoli Wiki Central** – one can access all Tivoli product and solution wikis.
<http://www.ibm.com/developerworks/wikis/display/tivoli/Home>
- ❑ **IBM® Tivoli® Distributed Monitoring and Application Management Wiki** – one can find and contribute information and scenarios about all IBM Tivoli Monitoring version 6-based distributed products. This includes IBM Tivoli Performance Analyzer and IBM Tivoli Composite Application Management products.
<http://www.ibm.com/developerworks/wikis/display/tivolimonitoring/Home>
- ❑ **IBM® Tivoli® System z® Monitoring and Application Management Wiki** - one can find and contribute information and scenarios about Tivoli System z monitoring and application management products
<http://www.ibm.com/developerworks/wikis/display/tivoliomegamon/Home>
- ❑ **IBM® Tivoli® Media Gallery** – one can access videos, tutorials and demos for Tivoli products.
<http://www.ibm.com/developerworks/wikis/display/tivolimediagallery/Home>
- ❑ **IBM® Tivoli® Documentation Central** - your portal to documentation for all Tivoli products. Tivoli Documentation Central includes links to product information centers. <http://www.ibm.com/developerworks/wikis/display/tivolidoccentral/Home>
- ❑ **Combined ITM/OMEGAMON Infocenter:**
<http://pic.dhe.ibm.com/infocenter/tivihelp/v15r1/index.jsp>
- ❑ **RSUmyy link** where for each RSU and PUT text file may be found (find the PTFs included in an RSU package by selecting the link below:)
<ftp://service.boulder.ibm.com/s390/assigns/>

New URL ←



Note of new Infocenter URL

Learn more about IBM's entire Tivoli System z portfolio at upcoming Pulse Conference



Register at:

<http://www-01.ibm.com/software/tivoli/pulse/>



Receive Tivoli for System z information updates on a regular basis:

- *IBM Software Newsletter*



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Merci

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நன்றி

Tamil

Gracias **Salamat po**

Spanish

Tagalog
Philippines

شكراً

Arabic

감사합니다

Korean

תודה רבה

Hebrew

धन्यवाद

Hindi

多謝

Traditional
Chinese

Tack så mycket

Swedish

Teşekkürler

Turkish

Obrigado

Brazilian
Portuguese

go raibh maith agat

Gaelic

Ευχαριστώ

Greek

Grazie

Italian

Dankon

Esperanto

多谢

Simplified
Chinese

Tak

Danish

Danke

German

Hvala

Croatian

ありがとうございました

Japanese

ขอบพระคุณ

Thai

Terima Kasih

Malaysian

Thank You

English

Dank u

Dutch

Dekujeme Vam

Czech

Xie xie

Replay Centra URL: <https://de202.sabameeting.com:443/GP/main/0000016bb63e0000013a98f7643f8da0>

Password: tiv0li (0 is a zero)

Questions and/or Feedback: ☎️ 🖨️ **Cecile Day** (dayce@us.ibm.com)