CMMI Version 1.3: Are you Ready for Release?

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Eileen Forrester
October 2010
The Power of Process
Coming to Portland in March 2011

SEPG North America 2011 | Oregon Convention Center | Portland, OR

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SEPG is the premier, global conference series on software and systems process management
Submission Deadline: November 30, 2010

The SEI Architecture Technology User Network (SATURN) Conference brings together experts to exchange best architecture-centric practices in developing, acquiring, and maintaining software-reliant systems.

www.sei.cmu.edu/saturn/2011
How to Participate Today

- Open and close your Panel
- View, Select, and Test your audio
- Submit text questions
- Q&A addressed at the end of today’s session
Eileen Forrester is the manager of the CMMI for Services program at the Software Engineering Institute, and the lead author of the Addison Wesley book, CMMI for Services, Guidelines for Superior Service. She was the co-chair of the International Process Research Consortium and the editor of the IPRC Process Research Framework. Forrester is the developer of TransPlant, a transition-planning process, and her current research area is in process-oriented approaches to service delivery, technology change, risk management, and emergent system types. These approaches include GAIT, the CMMI for Services, OCTAVE, MDA, and multi-model improvement approaches. She has more than 30 years of experience in technology transition, strategic planning, process improvement, communication planning, and managing product, service, and non-profit organizations.
What I Will Cover

Characterize Version 1.3 changes
Go over the schedule for what’s available and when
Describe qualifications for various roles
Take your questions and input
Time permitting, talk about CMMI-SVC in the coming year!
I think I am ready to handle the release of V1.3

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<td>Disagree (I don’t know what will make me ready)</td>
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<td>Agree (I’m fairly clued in and am here to see what’s new)</td>
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<td>Strongly agree (I’m just here to see what others ask)</td>
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Where to Get Reliable Information

Here is the information center for CMMI V1.3:
http://www.sei.cmu.edu/cmmi/tools/cmmiv1-3/

Two links available from the information center page have useful details. This page has the release schedule:
http://www.sei.cmu.edu/cmmi/tools/cmmiv1-3/schedule.cfm

This page has a table with qualification steps for various roles:
http://www.sei.cmu.edu/cmmi/tools/cmmiv1-3/qualification.cfm

Try those pages first, but whenever you are in doubt or need more, write to:
info@sei.cmu.edu
What Changes to Expect in V1.3?

We have changes to the entire product suite, including models, training, and appraisal products.

We designed the revision process so that it was based on what happens in the field, had massive input and review from real users, and does not require large reinvestment in your improvement program.

Expert partners and certified professionals have the details on the changes and can assist you. Hundreds of them have already qualified.

The takeaway message is this: Version 1.3 is better, but in many ways a minor revision, especially for users.
Model Updates in Version 1.3

All changes were based on change requests, which were disposed by a large team from multiple organizations and then vetted by reviewers and piloters from even more organizations.

The most substantive changes are to the high maturity PAs. These changes are not really new, but are now made explicit and clear.

Generic goals 4 & 5 have been eliminated.

Category and PA names have changed slightly in each model.

Each model has changes to the core PAs and PAs specific to them (Acquisition, Engineering, and Service), but these are more modest.

Language and architecture has been harmonized and aligned wherever possible.

Front matter and glossary and informative material have all been improved.

All three models will be released as SEI technical reports on November 1.
Training Updates for V1.3

The following courses will be updated for Version 1.3:

- Introduction to CMMI-DEV
- Introduction to CMMI-SVC
- ACQ Supplement for CMMI-DEV
- SVC Supplement for CMMI-DEV
- SCAMPI Team Training & SLAT
- Advanced DEV courses

New courses:

- Development Supplement for CMMI-SVC
- Advanced courses for CMMI-SVC

The SEI will provide online upgrade training

- Model upgrade course (January)
- SCAMPI upgrade, which includes an exam (March)
- Breaking news: no high maturity exam!
Appraisal Updates for Version 1.3

**Goal 1.** Increase efficiency of the appraisal process
- Consider entire lifecycle of cost and value (not just “onsite”)
- Decrease cost while maintaining accuracy and utility
- Increase value returned per cost incurred

**Goal 2.** Remove barriers to broader use (e.g., other constellations)
- Remove terminology that uniquely applies to CMMI-DEV
- Enhance the capability of current set of practitioners (LAs & ATMs)
- Clarify skill and experience requirements for all users

**Goal 3.** Assure synchronization with CMMI Product Suite for V1.3
- Manage level of change within specified Steering Group guidance
- Enhance consistency of usage and fidelity to method requirements
- Evolution of methods and techniques based on change requests
Can you still contribute to changes?

The models are complete and frozen and about to release.

Training products roll out in a series over the next several months. If you might like to know about opportunities to review or pilot, write to cmmi-comments@sei.cmu.edu

Appraisal products are currently in community review. See the next few slides for how partners can contribute.

- Review period ends on October 30
- Early draft will be available November 15
- Final version will be available in January
Keep Those Cards and Letters Coming!

We are now in the “community review” phase of the SCAMPI V1.3 development.

Our plan requires your input, so please contribute.

Deadline: 30 October, 2010
Requested SCAMPI Feedback

Download the document from the SEI Partner Resource Center

Send comments, in list form, to cmmi-comments@sei.cmu.edu

Put “SCAMPI V1.3” in the subject line of your email

Please identify your feedback by activity number, name and section, as appropriate: (e.g., Activity 1.1.4, Determine Appraisal Scope, Required Practices…)

Please DO NOT send us a markup of the entire document, we simply cannot process that volume of information from such a large group.

Thorough explanations of issues with solutions will be received enthusiastically!
Schedule Overview – 1

September
• TSP Symposium
• Release of AIM guidelines and experience reports

October
• CMMI Workshop
• First offering (to partners) of CMMI V1.3 Upgrade Training
• Qualifications of first cadre of appraisers and second cadre of instructors
• SCAMPI upgrade review

November
• Release of all three CMMI models in technical reports
• Release of initial Introduction to CMMI-DEV V1.3 for partner use
• Release of Services Supplement for CMMI for Development V1.3
• Release of Acquisition Supplement for CMMI for Development V1.3
• SEPG Latin America
• NDIA CMMI Users Group and Technology Conference
Schedule Overview – 2

December

• SAS upgrade release one – CMMI model V1.3 features added
• Plans for model V1.3, SCAMPI V1.2 appraisals begin
• Announcement of changes to certification and authorization renewal programs
• Release of Development Supplement for CMMI for Services

January

• Availability of SCAMPI Method V1.3
• Release of public CMMI V1.3 Model Upgrade Training
• Release of final Introduction to CMMI for Development V1.3
• SCAMPI V1.2 appraisals on CMMI V1.3 begin
• Announcement of universal license
• First offering of Understanding CMMI V1.3 High Maturity Practices
• P-CMM comment period begins
Schedule Overview – 3

February

- SAS upgrade release two – SCAMPI method V1.3 features added

March

- SEPG North America
- Publishing of all three V1.3 books
- Release of SCAMPI V1.3 Upgrade Training
- Qualifications of first cadre of SCAMPI V1.3 appraisers
- High maturity oral examinations for new HMLAs begin

November 2011

- Sunset of V1.2 on November 30, except for uses dependent on translated versions of products that are approved in advance
## Qualifying Activities for V1.3

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<th>Role</th>
<th>Model upgrade training</th>
<th>SCAMPI upgrade</th>
<th>DEV instructor upgrade</th>
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<td>Current ATMs for L2 and L3 appraisals</td>
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<td>Current ATMs for L4 and L5 appraisals</td>
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<td>Optional, at LA’s discretion</td>
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<td>Authorized B &amp; C team leaders</td>
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<td>Certified Lead Appraisers</td>
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<td>Certified High Maturity Lead Appraisers</td>
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<td>Certified DEV and ACQ instructors (SVC Intro instructors already qualified for V1.3)</td>
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2. Disagree
3. Neither agree nor disagree
4. Agree
5. Strongly agree
Compared to before this webinar, I think I am ready to handle the release of V1.3

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<td>Strongly agree (I know everything I need)</td>
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CMMI-SVC product and collaboration needs

Seeking guides for particular disciplines: education, health care, insurance, and maintenance are hottest topics

In focus groups with partners, instructors, and appraisers, discussing whether an optional practitioner, implementation, or coach certificate is needed; opinions are polarized

People want actionable guidance on model choice, transition DEV to SVC, using DEV and SVC together, using ITIL and SVC together

Considering adjunct security and People CMM content
Need publishable cases and results and ROI
Want to consider joint marketing with partners—maybe shared
segmenting and targeting is a first step
Looking for pilots on tough issues like combined and multi appraisal, appraising ITIL with SCAMPI, etc.
Contact information

info@sei.cmu.edu
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