

Implementing Scrum In A Distributed Software Development Organization

Agile 2007 Conference Experience Report

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Guy Pshigoda – BMC Software

Agenda

- Project & Presenters
 - Project, Identity Management, Presenters roles in the project
- Team Structure
- Keep the Rhythm of Scrum
 - Keep the meetings, reviews even in hard times even with multiple locations
- Its *All* About Planning
 - Summary of problems and solutions
- Questions

Project & Presenters

Guy Pshigoda

- *Agile Coach & Project Manager For BMC Software.*
- *10 years experience in software Development, & Project Management for IT And Distributed Software Development environments*
- *Mentoring Scrum Implementation in BMC at Israel, US, France, and India*
- *Certified ScrumMaster & Practitioner*
- *guy.pshigoda@gmail.com*

Hubert Smits

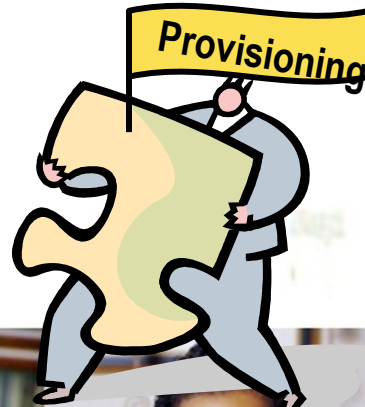
- *Agile Coach & Mentor for Rally Software Development*
- *20 years experience in managing large software development projects in Europe*
- *Mentoring Agile Implementations in the US, Europe, Israel and India*
- *Former university lecturer in Agile Software Development at Glasgow University*
- *Certified ScrumMaster (Practitioner & Trainer)*
- *Author of "Five Levels of Agile Planning"*
- *Co-author of "A CIO's Playbook for Adopting Scrum"*
- *hubert@rallydev.com*

BMC Identity Management Solution.

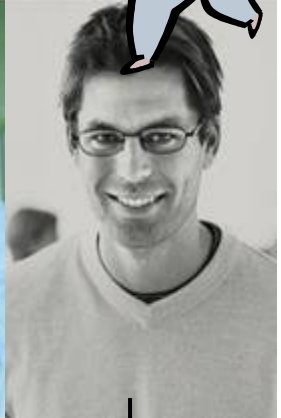
Spends 1/3 of his day resetting passwords.



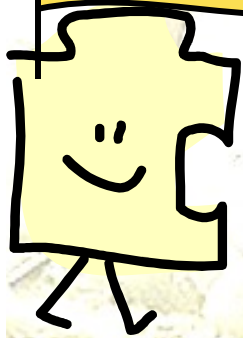
Has to log in to 11 apps each day.



Has auditors breathing down his neck for SOX reports.

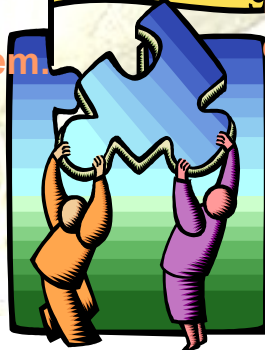


Password Mgt



Terminated 4 months ago. Just pulled all your customer data from your CRM system.

Access Mgt



Hired 2 weeks ago and is still waiting for access to company systems.

Compliance



Wants to quickly construct applications to manage people data across the various directories



Auditing

- Groups and Policies
 - My Company
 - HIPAA
 - SOD
 - Password change
 - Ghost accounts
 - Recertification
 - SOX 404
 - Recertification
 - Password change
 - Ghost accounts
 - SOD

Reporting

- Policy Administration
- Group Administration
- Module Administration
- System Configuration

Compliance Group Dashboard - SOD



Type: Group of Policies
 Noncompliance: 43%
 Last calculation: Sep 13, 2006 01:00:11
 Definition:



From:

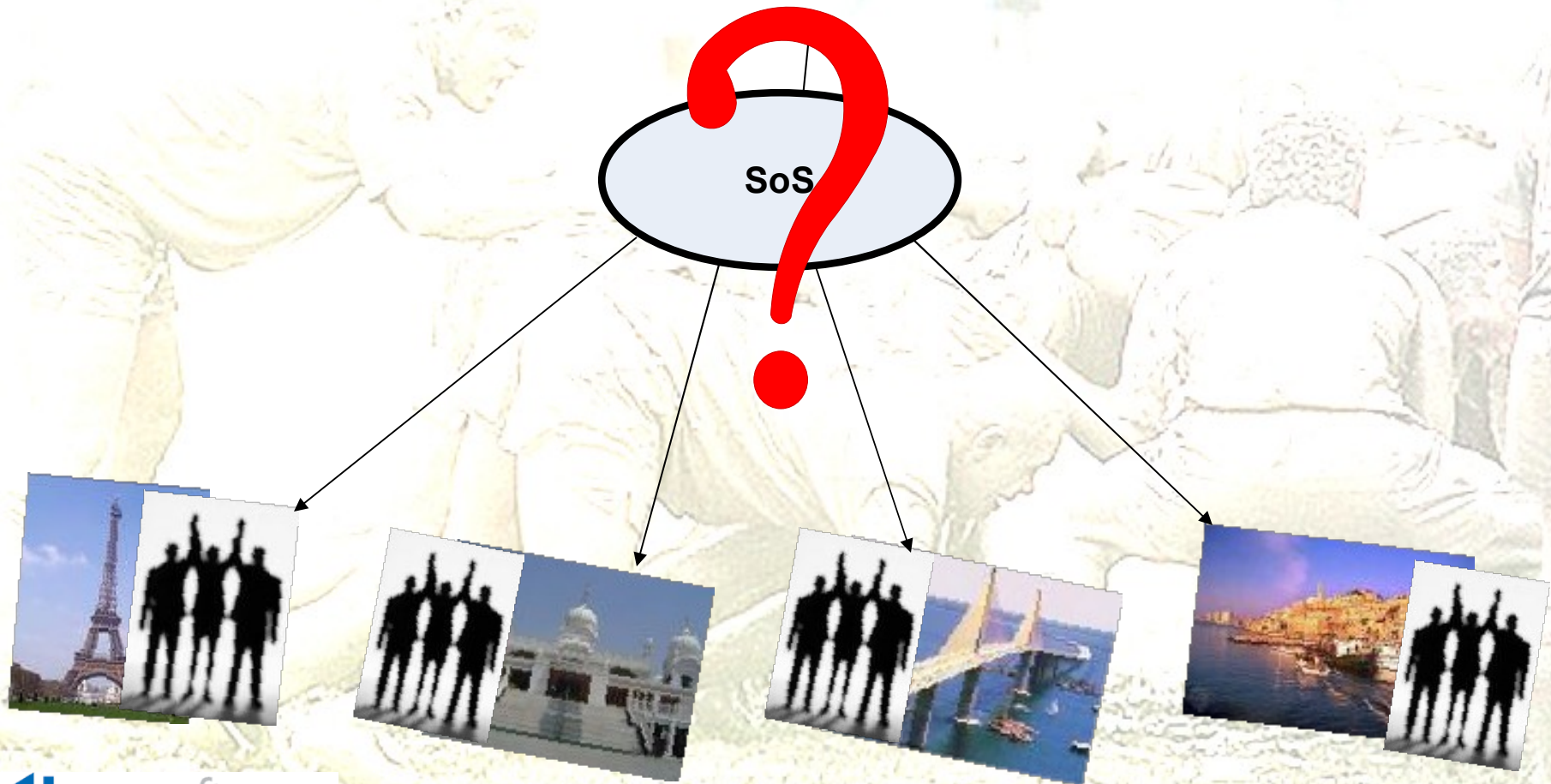
Until:

Last:

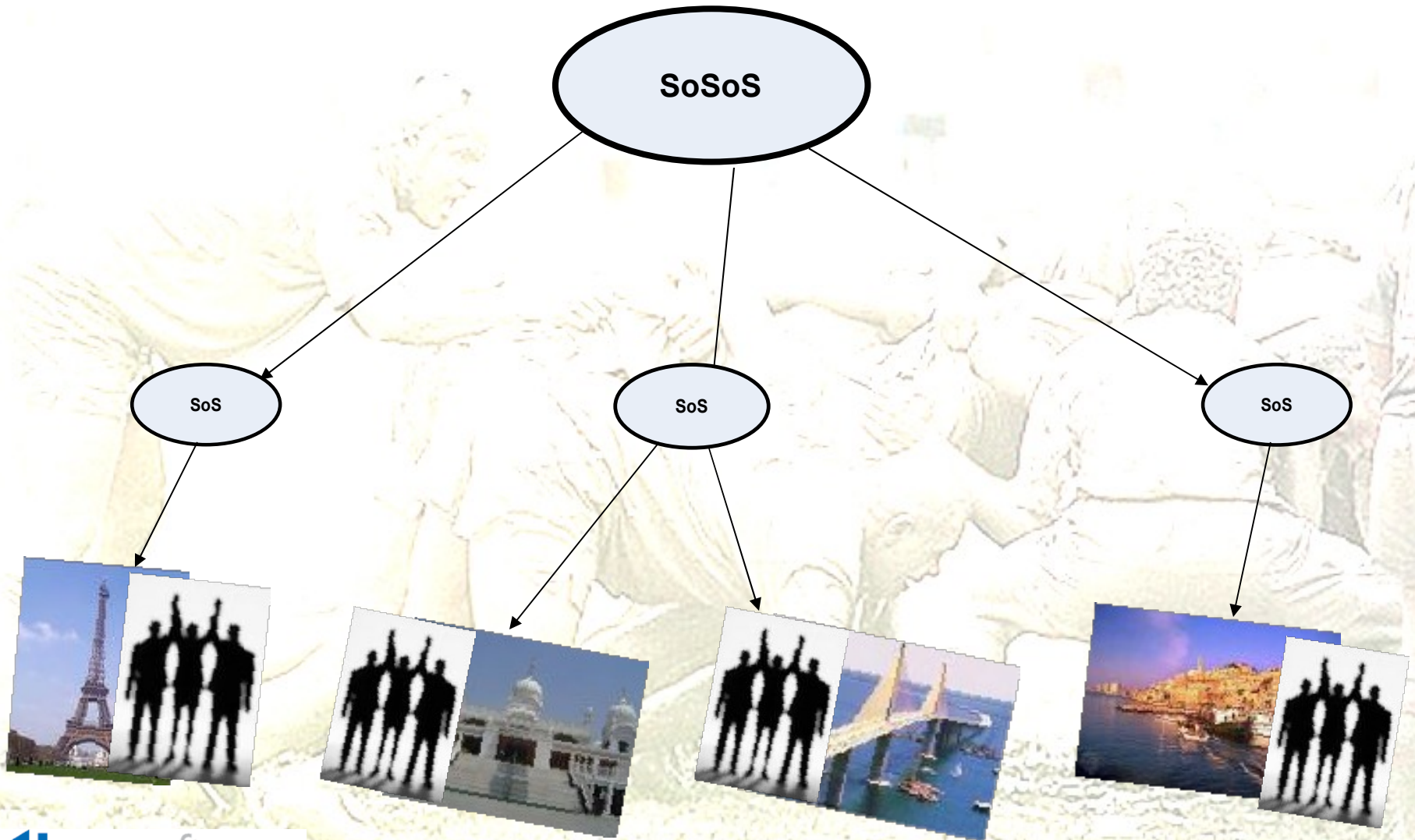
Scale:

Thresholds:

Teams Structure



Teams Structure



Keep The Rhythm

Daily Scrum Meetings

- Adjust meeting time to meet all time zones
- Publish Audio Recordings of meetings
- Video Conference between sites

Release/Sprint Planning

- Fly key People to one place (Release)
- Share Pictures of planning Charts
- ALL team members participating!!
- Video Conference between sites

Release/Sprint Review

- One Session for all teams
- Web Meeting Application to Share Demo and Presentation
- ALL team members participating
- Video Conference between sites

It's All About Planning

Architects
Role

Dependencies

End To End
Responsibilities

Integration

Requirements
Global View

Cross Product
Documentation

Quality
Homogeneity

It's All About Planning



Architects Role

- Extension of product owners when a requirement is very technical
- Act as The Liaison Between Product Owners & The Delivery Teams, helping Break Down Stories Into Requirements.
- Subject Matter Expert (SME) for technology and architecture

It's All About Planning



Integration

- New Scrum Team “Integration”
- Responsible For Nightly Build and Automatic installation
- Part of the SoSoS forum
- Participate in All planning Meetings


It's All About Planning



Dependencies

- Unified Planning Meeting After Each Sprint Planning
- Follow 5 levels Of Planning Principle to Cover Dependencies At all Levels

It's All About Planning



Cross Product Documentation

- New Scrum Team “Documentation”
- Doc Manager As Scrum Master
- Participate in All Planning Meetings
- Deliver All Cross Product Documentation

It's All About Planning



Requirements Global View

- Use The Rally Tool For Planning And Tracking
- One Backlog For All Teams
- Apply User Stories and Cross Product Scenarios.

It's All About Planning



End To End Responsibility

- New Scrum Team “Validation”
- Test And Validate Cross Suite User Scenarios.
- Former QA Manager as Scrum Master
- Engage Real Customers & The Field Organization in the Validation Process

It's All About Planning



Quality Homogeneity

- QA Manager is running this effort. Active Member of SoSoS.
- Create & Govern Quality Standards for all the teams & Implement Best Practices
- HR Manager for the QA Team

QUESTIONS ?



THANKS!