



Template for SMSCG Documents

Document info

Document Name	Recommendations from Security Audit
Document Version	Version 0.1
Date last updated	02/01/10
SMSCG Activity	WP5 Security and Policies

Change history

Version	Date	Author(s)	Comment
V0.1	01/02/10	P. Flury	Initial

Abstract: This document contains security recommendations for sites that contribute with hardware to the SMSCG Grid.

Contents

Introduction.....	2
Section 1.....	2

Introduction

The SMSCG-I has carried out a security audit. All sites providing infrastructure, i.e. those contributing with clusters or hosting core services, have answered a security questionnaire, that was custom-tailored from the ISO/IEC27002 security document. The objectives of the questionnaire were (i) to assess the sites, (ii) to identify weaknesses and thus prevent incidents, and (iii) to provide procedures for incidents handling.

This document provides few SMSCG specific recommendations that were deduced from the SMSCG questionnaire findings. For the general recommendations we rely on the sites own initiative (as these are beyond the scope of the SMSCG project).

1 Project level Recommendations

1. Compile a well-maintained list of security contacts, which shall be used in case of security incidents. The entries of the list should either be a mailing list addresses or a group phone number. If the security contact is a single person, a deputy must be defined. **DONE, to be reviewed**
2. Make sure all SMSCG members have access to the security contact list and that all members know where to find it. **TODO**
3. Define security incident procedures for SMSCG incidents. **DONE, to be reviewed**
4. Compile an additional (light-weight) security questionnaire for sites that contribute with users only. **TODO**
5. SMSCG checklist: automate check for checklist (e.g. with monitor, or some once-executed script). **TODO, work in progress**
6. Collect pointers to information channels about security and security incidents. **TODO**
7. Automation of patching procedures for SMSCG-related software (part of SMSCG-II proposal) and monitor deployment of patches. **TODO → SMSCG-II agenda**
8. Maintain a lessons learned/best practices 'database': **Initial 'database' has been set up.**
- 9.

2 Recommendations for each site

1. → kept online on www.smsgg.ch

3 Recommendations for Users

1. → kept online on www.smsgg.ch