

File 20091102.1000: Notes from the RM 5.0 IV&V Alpha Testing Kick-off Meeting:

- 0830 Monday, 0830 Wednesday
- Duration of testing: 2–13 November 2009
- Paul Ozura: because FAT went so well, there is not so much that IV&V wants to look over, so they reduced it from 3 weeks to 2.
- Paul Ozura went over the ground rules:
  - Testing will occur each day from 0800 to 1630.
  - Daily wrap-up meeting 1630–1700.
  - Testing wrap-up telecon is tentatively scheduled for Friday 13th November.
  - Test procedures will be filled out on laptops.
  - Test logs can be written or filled out on laptops.
  - All test logs filled in on laptops will be printed.
  - All test logs will be signed by tester.
  - All test logs will be scanned to PDF. (Dan Griffin interrupted at this point to ask about preventing modification of test logs. It was agreed that while no one in this organisation would want to do so, an outsider might, so all test logs (signed) must be reduced to essentially unmodifiable PDF files at the end of the process.
  - All test procedures will contain certification statement and be signed by the tester.
  - The signed test procedure signature page will be scanned as a PDF file.
  - All *ad hoc* testing must be documented using the IV&V Test Procedures Template.
  - *ad hoc* testing must be accompanied by a test log.
- Schedule:
  - 2nd November: kick-off meeting; witness loading of machines
  - 3rd November: dry-run test procedures; build checkout; CR verification
  - 4th November: Rob Drake brief; continue CR verification
  - 5th November: Security test procedures
  - 6th November: clean install
- 800-53 Profile Comparison Tool discussion
- ‘This is the SRTM. There is no guidance on how to produce an SRTM. We are doing the SRTM similarly to how we did DCID 6/3 SRTM. That one had  $\approx 40$  lines; this one has  $\approx 653$  lines.
- So far, Rob Drake has been pretty happy with it. We have kept him aware of what we are doing on it. (Rob Drake will be here on Wednesday; I will be there for the meeting with him.)
- Schedule (continued):
  - 9th November: *ad hoc* testing scheduled in between other procedures; DDS; archive testing.
  - 10th–12th November: continuing
  - 13th November: testing wrap-up; prepare for outbrief; Brief with RMPMO, ODNI Test Director, DIA
  - 16 Nov–3 Dec: Write Alpha Test Report
  - 4th December: Submit test report to RMPMO.
- Kevin Miller: the *ad hoc* testing will be some of the most valuable. Test procedures test only that req’ts are satisfied.

- Paul Ozura: ‘Between the testing done in FAT and the testing done by IV&V during Alpha, RM 5.0 meets the security controls of 800-53 that have been assigned to it by UCDMO and it is ready for Beta 1.’
- (Discussion of *ad hoc* and Beta testing. It was generally agreed that *ad hoc* testing is likely to find CR-worthy findings and so should be moved up in the schedule to happen earlier in the week so that CR builds (we are currently at build 5.0z) can have time to happen. Mr Ozura was fine with that; he said he is flexible on the testing schedule and could easily accomodate the request, and would do so.)
- (Discussion of which 800-53 controls will likely fail. Only two come to mind: firstly, SSL on channels. That is known and expected. Kevin Miller: we do use SSL for all internal communications. Secondly, 800-53 requires a display of the last unsuccessful login attempt when logging in. It’s an old orange book requirement; RM used to have this feature, but it was taken out as unnecessary and useless. Nevertheless, it’s back in 800-53 and we expect to be dinged for it. Dan Griffin: but aside from these, we expect no other Cat I or Cat II findings? (That is correct.))
- Russ Savage: ‘Beta always finds something.’

The next kick-off meeting will be with Rob Drake, the DIA certifier, on Wednesday and I will be there at 0830. Actually a little bit earlier (set alarm).

## References