

File 20110721.1021: Notes from Engineering Staff meeting, 1000 Thursday:

There will be another patch leading to RM version 5.0.2. Mostly, 5.0.2 moves configuration files out of LDAP into flat files. RM 6.0 will entail the complete removal of MainHCI and port to either Solaris 11 or SE Linux; it will require a full recertification, obviously. The jump from Solaris 10 to Solaris 11 is expected to be nothing like the jump from Solaris 8 to Solaris 10, but a trade study will be done and presented to the Navy, then Dan Griffin will decide what to do.

Support for SPARC processors will be dropped after RM version 5.0; only X86 is being supported after 5.0. There might have to be a version 5.1 but it will not support SPARC.

Russ leaving on travel for three weeks to support the CENTCOM RMIG upgrade.

New in and out boards. Spot award budget is available.

Once again, the developer is experiencing the problem of hardware end-of-life on systems that can support Oracle Solaris 10. The systems engineering manager is trying to predict availability of machines that can support Solaris 10, the only CC certified version of the operating system. The primary advantage of porting to SE Linux is much wider availability of hardware that will run it; the disadvantages of porting to SE Linux include that its security model is different from Solaris 10, configuration and auditing are different; these will entail procedural changes. The introduction of Zones in Solaris 10 was a larger change. The application will compile and run on SE Linux; it is primarily just auditing that is different. Trade study will commence soon; I told Russ Savage that my PR charge number runs out end of September, so I will need another charge number to work on after that. If the SE Linux trade study is still going on then, I can work on that; or if the trade study needs an hour or two here and there before, I can help out.

References