**UC Davis IT Infrastructure Futures  
Computer Services Recommendations**

**Members: Minh Nguyen, Bob Ono, and Lowell Valiant.  Additional non-subgroup members who attended: Chip Mrizek and Paul Singh.**

**The IT Infrastructure Futures Computer Services subgroup prioritized six discussion topics:**

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| Category | Discussion Priority |
| Server Virtualization | 5 |
| Mobile Framework | 5 |
| Database Services | 4 |
| Cloud Computing | 3 |
| Remote Desktop | 4 |
| Desktop Virtualization | 2 |

There were a few discussion points and recommendations from this ITIF Computer Services. There was very little participation in the original meeting, so the recommendation was to disband this subgroup.

**Recommendations and Discussion Summary**

**Server Virtualization:**

* Using the campus server virtualization solution is very cost-prohibitive. Costs should be analyzed for wider campus adoption. **Updated Note:** There has been a recent announcement for reduction in costs for the campus virtualization solution.
* The ITIF Computer Services group recommends a self-provisioning/self-service feature so participating departments can bring up virtual machines, especially during emergencies or off-hour deployments.
* A concern for security and sharing of storage amongst many varied system was mentioned and a security evaluation should occur.

**Database Services:**

* There is a cost savings to the University to consolidate into a shared service model for Oracle database services, so the recommendation is to further evaluate this option.
* It was noted by the group that Oracle database services and MS SQL database services have differing issues and should be treated differently when any solution is recommended.
* The primary SQL issue is licensing costs. A central SQL server implementation is recommended to offset licensing costs.