

Name _____ SAMPLE _____

Last 4 digits of Student #: _____

GRADE: _____/100

CSE 6331, Cloud Computing
Quiz 4, Summer 2012 © DL, UTA, 2012

Please read this:

This is a closed book, closed notes quiz. Use a dark ink (or pencil) and print answers on the test paper following the questions.

Please answer the questions in a **few keywords**, complete sentences are not necessary, **be brief! Write** your answers **legibly**. Unreadable answers will be counted wrong.

Please - no talking! You may write on back. Please turn in quiz promptly, when asked.

1. One of the most significant issues in cloud computing is security. Please give two unique cloud security concerns, that are not in corporate servers, or PCs.
2. Assuming electricity costs \$.10 (kwh) in Arlington TX, about how much is the electricity bill for a 20K Server data center here?
3. The CSE computer cluster has 300 Computers, with a PUE of 2.1, if we could reduce the PUE to 1.2, how much savings would we get (if any)?
4. How much (percent) of a datacenter costs are in network equipment?
5. There have been proposals to build many, regional, data storage clouds - that is a WSC that has only (very large) storage. They have not built (for clouds). Why (good/bad)?
6. What is "data lock-in"? What can we do to fix/minimize the problem (is it a problem)?