**Network Directory Services**

**Final Exam 2016 Review**

**Instructions**: This review sheet is intended for you to use as a study guide or self-assessment of the areas that you will be expected to know or assessed on during the final exam. This is a not complete list, so please refer to the online resources that have been provided to you or your own personal notes you have taken throughout the semester.

**Exam format:** You will be presented with a problem, a specification for required components, and in the allotted time you will build a solution to the problem.

**Topics to know for the exam:**

*System Platform Technologies*

* Build, run, and remove containers/images
* Write a script to help automate tasks

*LDAP Technologies*

* Describe LDAP directories and how it relates to other systems
* Describe the LDAP object types (ex. objects, containers, leaf objects) and differences between them
* Describe an LDAP namespace
* Identify and summarize the following acronyms:
  + CN, DN, RDN
  + DIT, DC, OU

*Database Technologies*

* Describe the purpose of a database, what it consists of, and how/why SQL is used to store information
* Describe why databases are used and how they are used
* Ability to build a database, table, and populate table with test data

*Support Systems/Documentation*

* Write basic system documentation and present it in a user friendly format, such as markdown for example