Lab 05 Template – Ethan Roepke

1. **Screenshot of detailed information about bind9 package in apt**

(10 points)

A screenshot of a computer

Description automatically generated

1. **Screenshot of debsums command**

(10 points)

A screenshot of a computer

Description automatically generated

1. **Screenshots of four successful external forward lookups on your infrastructure**

(5 points)

A screen shot of a computer

Description automatically generated

1. **Screenshots of four successful external reverse lookups on your infrastructure**

(5 points)

A screen shot of a computer

Description automatically generated

1. **Screenshots of four successful external forward lookups on on another students infrastructure**

(5 points)

A computer screen with white text

Description automatically generated

1. **Screenshots of four successful external reverse lookups on another students infrastructure**

(5 points)

A screen shot of a computer

Description automatically generated

1. **Screenshots of eight successful internal forward lookups on your personal infrastructure from your ns2**

(10 points)

A computer screen shot of a program

Description automatically generated

1. **Screenshots of eight successful internal reverse lookups on your personal infrastructure from your ns2**

(10 points)

A screen shot of a computer

Description automatically generated

1. **Take a screenshot of a forward lookup on another student's ldap machine (**[**ldap.studentXX.230.com**](http://ldap.studentxx.230.com/)**) from your ns1.**

(10 points)



1. **Did the query in question 6 resolve? Why or why not? Be specific.**

(10 points)

When we do a forward lookup on anothers student ldap machine from ns1, we will return nothing. However if we run the command without the +noall +answer, it does not say NXDOMAIN so this indicates that the query did resolve. This would resolve even though the the ldap is specified in ns2, but it runs through firewall with same IP which will allow us to query.

1. **Screenshot of Nagios showing ns1 and n2 information all green**

(20 points total, 10 points for ns1, 10 points for ns2)

A screenshot of a computer

Description automatically generated