**ASSIGNMENT RUBRIC**

**PART 1:1 – EXPLAIN HOW TO IDENTIFY THE TYPE OF HASH, IDENTIFYING A TOOL THAT CAN INTEGRATE WITH LINUX AND WINDOWS SO DESKTOP USERS ARE ABLE TO VERIFY HASH VALUES. SPECIFY ANY ONLINE TOOLS.--**

Levels of Achievement:

 NOVICE 0 (0%) - 17.25 (17.25%)

 COMPETENT 17.5 (17.5%) - 19.75 (19.75%)

 PROFICIENT 20 (20%) - 22.25 (22.25%)

 EXEMPLARY 22.5 (22.5%) - 25 (25%)

Part 1:2 – Describe the differences between RSA and ECDSA encryption algorithms and name a well-known product that uses each type of encryption. Be sure to cite your references.--

Levels of Achievement:

 NOVICE 0 (0%) - 17.25 (17.25%)

 COMPETENT 17.5 (17.5%) - 19.75 (19.75%)

 PROFICIENT 20 (20%) - 22.25 (22.25%)

 EXEMPLARY 22.5 (22.5%) - 25 (25%)

Part 1:3 – Provide and utilize at least three reputable references.--

Levels of Achievement:

 NOVICE 0 (0%) - 3.45 (3.45%)

 COMPETENT 3.5 (3.5%) - 3.95 (3.95%)

 PROFICIENT 4 (4%) - 4.45 (4.45%)

 EXEMPLARY 4.5 (4.5%) - 5 (5%)

Part 2:1 – Utilize the link provided to decrypt the random messages and put them together into a useful missive.--

Levels of Achievement:

 NOVICE 0 (0%) - 13.8 (13.8%)

 COMPETENT 14 (14%) - 15.8 (15.8%)

 PROFICIENT 16 (16%) - 17.8 (17.8%)

 EXEMPLARY 18 (18%) - 20 (20%)

Part 2:2 – Identify hash type and rearrange in logical order to assemble the message.--

Levels of Achievement:

 NOVICE 0 (0%) - 13.8 (13.8%)

 COMPETENT 14 (14%) - 15.8 (15.8%)

 PROFICIENT 16 (16%) - 17.8 (17.8%)

 EXEMPLARY 18 (18%) - 20 (20%)

Part 3:1 – Clarity, writing mechanics, and formatting requirements--

Levels of Achievement:

 NOVICE 0 (0%) - 3.45 (3.45%)

 COMPETENT 3.5 (3.5%) - 3.95 (3.95%)

 PROFICIENT 4 (4%) - 4.45 (4.45%)

 EXEMPLARY 4.5 (4.5%) - 5 (5%)