



# Assignment Grading Rubric

Course: IT530 Assignment 1 Points: 90

## Unit 1 Assignment

### Outcomes addressed in this activity:

#### Unit Outcomes:

- Describe the various types of data communication and transmissions.
- Explore layered architecture models and associated protocols.

#### Course Outcomes:

**IT530-1:** Examine the business impact of virtualization and cloud computing.

## Assignment Instructions

1. The World Wide Web would be impossible to navigate without the addressing provided by the Domain Name System (DNS). DNS is also an important addressing method for LAN's. Research the differences between the IPv4 and IPv6 implementations of DNS and compare those differences. What are the advantages of IPv6 DNS and how will these advantages change the way that networks use DNS?
2. Based on your research, write a 3 to 5 page paper that analyzes the differences between IPv4 and IPv6 implementations of DNS. Contrast and compare these differences. Discuss any advantages of using IPv6 DNS as compared to IPv4 DNS and discuss how those advantages may change the way that networks use DNS.

## Preparing Your Assignment

The written essay/paragraph formatted paper should be 3–5 pages long, NOT including cover page and references. As you research through the various Web pages that provide information on IPv4 and IPv6 DNS, ALL of the pages must have citations and references. No more than one direct quotation (of 40 words or more) is allowed per page and bullet lists without substantial narrative included are strongly discouraged. There should be no spelling or grammar errors. All written Assignments should be in APA format. APA formatted in-text citations and references are required for all sources, and all figures and tables must be captioned in APA format. If you are unfamiliar with APA formatting, please see the Kaplan Writing Center for more information on how to work with APA.

## Directions for Submitting Your Assignment:

Compose your Assignment in a Microsoft Word® document and save it as Username-IT530 Assignment-Unit#.doc (Example: **TAllen- IT530 Assignment-Unit1.doc**). Submit your file by selecting the Unit 1: Assignment Dropbox by the end of Unit 1.



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## Assignment Requirements:

### All papers must meet these standard requirements:

- Paper follows APA formatting.
- Length is 3–5 pages long not including references and cover page.
- No more than three bulleted or listed points per paper.
- No more than one **direct** quote per page from a reference source and those quotes must be properly cited within the body and in the references at the end of the paper.
- Title page.
- Reference page.

Answers contain sufficient information to adequately answer the questions and contain no spelling, grammar, or APA errors. Points deducted from grade for each writing, spelling, or grammar error are at your instructor's discretion.

For more information and examples of APA formatting, see the resources in Doc sharing or visit the KU Writing Center from the KU Homepage.

Also review the KU Policy on Plagiarism. This policy will be strictly enforced on all applicable assignments and discussion posts. If you have any questions, please contact your professor.

Review the grading rubric below before beginning this activity.

### Unit 1 Assignment Grading Rubric = 90 points

| Assignment Requirements   | Points Possible | Points Earned |
|---|-----------------|---------------|
| 1. Document includes introductory paragraph describing the role of DNS in regards to addressing on any network. | 0–20            |               |
| 2. Document correctly discusses the DNS hierarchy structure.  | 0–20            |               |
| 3. Document correctly discusses how IP addressing relates to DNS.   | 0–20            |               |
| 4. Contrast and comparison of IPv4 and IPv6 DNS should be substantial and flow logically.                       | 0–30            |               |
| <b>Total (Sum of all points)</b>  |                 |               |
| <b>Less: Standard requirements points deducted. Plagiarism is totally unacceptable.</b>                         |                 |               |
| <b>Adjusted Total Points</b>  |                 |               |