

**Experimental Report**

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| **Course**: | Computer Networking |
| **Semester**: | 2nd semester of the academic year **2020-2021** |
| **Major**: | Software Engineering |
| **Class**: | 2019 |
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**School of Computer and Information Science**

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| Name | | Configuration of HTTP service, DNS service and FTP server | | | |
| Date | | 2021-4-28 | Type | | □Confirmatory  √ Design  √ Comprehensive |
| 1. **Objectives & Requirements** 2. Master the installation method of Windows2008 IIS server. 3. Master the configuration method of Windows2008 IIS server. 4. Master the installation method of Windows2008 DNS server. 5. Master the configuration method of Windows2008 DNS server. 6. Master the installation method of FTP server. 7. Master the configuration of FTP server. | | | | | |
| 1. **Experimental environment (**platform and software**)**   Virtual Box + Windows2008 | | | | | |
| 1. **Experimental content and design** (Main Content, Procedure, Codes and Results) 2. IIS server 3. Installation      1. Configurations 2. Binding ip      1. Modify default folder permissions      1. Create and set virtual directory      1. Test: success visit via virtual directory      1. DNS server 2. Installation      1. Configurations 2. Create a new forward lookup region      1. New host      1. Create a response lookup area AND create New Resource Record      1. Ping test      1. FTP server 2. Installation: unpack the Serv-U and execute it      1. After selecting the local ip, create a new domain   And choose port(here is default port 21), Specifies how configuration files are stored(all default)     1. New user      1. Set password      1. The root directory for the user      1. Test 2. Self visit   login    Transfer a file to ftp server    Check it in default directory     1. LAN access, visit others’ server(different ip) | | | | | |
| 1. **Analysis and discussion of experiment results**（Analysis of experimental results, and summary of gains and the existing problems）   **Result:**  Successfully finished all the tasks and tried something interesting.  **Summary:**   1. As I can follow the instructions through the course of the experiment, every step can be easily followed. Although these was some small problems, I can solve it after various attempts. 2. In task3, I tried some interesting things, which is to access the others’ ftp server, upload and download files. I guess the reason why I can visit their server is we were on the same LAN.   **Existing problems:**   1. I can’t access some of my classmates’ ftp server for “permission deny”, though they has modified the access settings. | | | | | |
| Comments & Evaluation | Content & Design (A-E) | | |  | |
| Procedure & Codes (A-E) | | |  | |
| Results (A-E) | | |  | |
| Analysis & Discussion (A-E) | | |  | |
| Score (A-E):  Feedback comments: | | | | |