

Assignment 9 (Windows Server Administration)

- Assignments will be evaluated by the TAs.
- Copying is strictly prohibited. Any case of copying will automatically result in F for the whole course, irrespective of your performance in the other parts of the lab.
- Marks distribution: mentioned below. Time: 1.5 Hours

Administration of CSE-Server: Assume that the department of CSE is going to administer their own server. There are five groups of users: Admin, Faculty, Staff, Student-UG, and Student-PG. The user profiling and access policies are mentioned as follows. Create the following using Windows Server 2012 R2.

Group	Access Time	File Access	Software Deployment **	Profile Updating	Security Measure
Admin	Always	Everyone's Files	To every node as 'assigned'	NA	Default
Faculty	Always	Files of I. Faculties (access*) II. Staff (view only [§]) III. Students (access*)	NA	NA	1) Password, 2) Auto screen lock, 3) Password trial limit & time out
Staff	Monday to Friday (09 AM to 05 PM)	Files of I. Faculties (view only [§]) II. Staff (access*) III. Students (access*)	NA	A particular staff can be a student	1) Password, 2) Password trial limit & time out
Student-UG	Except Monday 03 AM to 05 AM	Files of I. Faculties (view only [§]) II. Staff (view only [§]) III. Students (access*)	NA	A particular student can be staff, UG can be promoted to PG	1) Password
Student-PG	Always	Files of I. Faculties (view only [§]) II. Staff (view only [§]) III. Students (access*)	NA	NA	1) Password

*view only means the user can only view the name of the file; to access (read/download), s/he has to take permission from the owner.

[§]access means the file can be read/downloaded. [e.g., [Faculties \(view only[§]\)](#) means a staff can only view the files uploaded by faculties]

** Use only the software provided to you. Deployment of any other software will not be considered.

Note that owner of a file has the full right (access/modify/delete) on it.

Follow standard naming conventions.

Marking Scheme:

1. Groups (15)
2. Access Time (10)
3. File Access (30)
4. Deployment of Software (20)
5. Profile Updating (10)
6. Security measure (20)