



Republic of the Philippines  
**SORSOGON STATE UNIVERSITY**  
College of Information and Communication Technology  
Information Technology  
Bulan Campus  
Zone-8, Bulan, Sorsogon  
Tel. No.; 056 311-0103; Email address: [bsit\\_pc@sorsu.edu.ph](mailto:bsit_pc@sorsu.edu.ph)

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**TASK: ACCOUNT AND PERMISSION**  
**IT 412 – SYSTEM ADMINISTRATION & MAINTENANCE**  
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Prepared by: Rovic Angelo Lanuza

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Progress Assessment

*Discuss the importance of user accounts and permissions in server configuration. Explain the principle of least privilege and how it enhances security on the server. Provide examples of how user management and access controls can be configured to protect sensitive resources and data.*

**Answer:** User accounts and permissions play a crucial role in server configuration because they help control who has access to what on a server. By setting up different accounts with specific permissions, administrators can ensure that only authorized users can access sensitive resources or perform critical actions. This is where the principle of least privilege comes into play, which states that users should only have the minimum access necessary to perform their jobs. For example, if a user only needs to read data from a database, they shouldn't have permission to delete or modify it. This limits the risk of accidental or malicious changes that could compromise the server's security. User management can be configured using role-based access controls, allowing administrators to assign roles to users that reflect their job responsibilities. This way, sensitive data is better protected because unauthorized users can't access it, and any potential damage is minimized by limiting what users can do. Overall, having a solid user account and permission system is essential for maintaining server security and protecting important data.