# Unit 6 Assignment - Network Security Plan

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BU622 Information Security and Privacy

**Introduction**

This paper will address physical network security and cloud security for Zanzibar Spice, LLC. The paper contains two policies. The first policy will be specific to physical network security. The second policy will address cloud security.

1. **Purpose**

The purpose of this policy is to establish standards for physical on-premises network security for the business, Zanzibar Spice, LLC.

1. **Scope**

This policy applies to all employees of Zanzibar Spice, LLC and any persons hired to conduct work for Zanzibar Spice, LLC.

1. **Responsibility**

The Technology Director will be responsible for the application of the Physical Network Security policy.

1. **Policy** 
   1. **Surveillance**
      1. CCTV cameras monitor the interior space of the business.
      2. CCTV cameras will be positioned in a manner to have a view of the entrance point of the information technology room.
      3. CCTV cameras will be positioned inside the information technology room with a view of information technology equipment for different angles.
   2. **Information Technology Room**
      1. The information technology room will not have outside windows and will be located in an interior room and will not have an exterior wall.
      2. The information technology room will remain locked at all times.
      3. The information technology room will be marked with restricted access and prohibiting food, drink, and smoking signs.
      4. The information technology room will have direct ventilation provided the HVAC system of building structure.
   3. **Facilities**
      1. Redundant power should be provided via uninterrupted power supply (UPS).
      2. Avoid hardcopies whenever possible
      3. Any company papers that will be discarded will be deposited into designated disposal bins.
2. **Audit Controls and Management**
   1. **A monthly audit of physical security will be conducted.**
   2. **Actionable items will be executed within 24 hours of discovery.**
3. **Revision History**

|  |  |  |
| --- | --- | --- |
| **Date of Change** | **Executor of Change** | **Summary of Change** |
| 08/16/2020 | Amon-Ra | Creation |

1. Purpose

The purpose of this policy is to establish standards for cloud security for the business, Zanzibar Spice, LLC.

1. **Scope**

This policy applies to all employees of Zanzibar Spice, LLC and any persons hired to conduct work for Zanzibar Spice, LLC and private and public cloud resources.

1. **Responsibility**

The Technology Director will be responsible for the implementation of the Cloud Security Policy.

1. **Policy** 
   1. **Harden client computers accessing the cloud**
      1. Unused software and services will be removed.
      2. Firmware and patches will be up-to-date.
      3. Unnecessary ports will be disabled.
      4. Use antivirus – Antivirus/antimalware software is a good defense for detecting and mitigating viruses and malware.
      5. Default accounts will be removed or deactivated.
      6. Unused accounts will be deleted.
      7. Firewalls on host and client computers will be activate at all times.
   2. **Data**
      1. Documents stored in the cloud will be encrypted.
      2. All documents in cloud storage will be password protected and meet complexity standards.
      3. Software that does not allow encryption AND password protection will not be used create documents that will be stored in the cloud.
2. **Audit Controls and Management**
   * 1. Cloud security audits will be conducted on a monthly basis utilized 3rd party vendor vunerability scans
     2. Results of audit will be implemented within 24 hours of discovery.
3. **Revision History**

|  |  |  |
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**Conclusion**

The physical network security plan will assist in providing a secure premises for the information technology operations of the company. With best practices in place for cloud application security the company will achieve and maintain a safe cloud computing environment.

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