

Trabalho Grupo (Ezame Final)

1. Download no le materia ida tuir mai:

[http://k-12.pisd.edu/currenst/network/09\\_805A\\_2-4\\_SG.pdf](http://k-12.pisd.edu/currenst/network/09_805A_2-4_SG.pdf)

2. Perguntas:

Section	Pergunta
Overview	<p>1. Saida mak VLANs no tan sa sira importantu ba rede?</p> <p>2. Presenta exemplu situasaun rua wainhira VLAN bele fo benefisiu.</p>
VLAN Example	<p>3. Tan sa Network Manager ida hakarak setup VLAN ida?</p> <p>4. Sekarik firma Arsitek ida nebe halau design ba hospital ida. Iha Arsitek hamutuk nain 12 no mos Enginhero nain 6 servisu iha projetu ne'e. Administrador ba rede ne'e kria VLAN rua. Ida ba Arsitek, ida ba Enginhero sira. Admin rede ne'e depois konek server ida atu rai hamutuk dezenhu hospital nian. Implementasaun ne'e iha vantagem barak. Esplika vantagem sira nebe imi identifika.</p>
VLAN Configuration	<p>5. Esplika diferenca entre: Port-based VLAN, MAC-based VLAN no IP-based VLAN.</p> <p>6. Wainhira uja MAC-based VLANs, user ida bele sai membru ba VLAN hotu-hotu iha rede ne'e. Fo ezemplu ida oinsa fitur ne'e bele fo vantagem husi Admin Rede nian perspektivu.</p> <p>7. Lista vantagem rua no mos disvantagem rua ba Port-based VLAN no MAC-based VLAN.</p>
How VLAN Functions	<p>8. Esplika tan sa IP-based VLANs persija mos funsaun router alem de switch deit.</p>
802.1q	<p>9. Saida mak 802.1a no tan sa nia importantu?</p> <p>10. Wainhira aumenta “tag” ida ba frame kria problema iha transmisaun kalai?</p>
Review Questions	<ol style="list-style-type: none"> <li>1. When three LAN segments are connected by a switch on a traditional network., how many broadcast domains are there? <ol style="list-style-type: none"> <li>a. One</li> <li>b. Two</li> <li>c. Three</li> <li>d. Cannot tell</li> </ol> </li> <li>2. When a router on a traditional network connects two LANs, how many broadcast domains are there? <ol style="list-style-type: none"> <li>a. One</li> <li>b. Two</li> <li>c. Unknown</li> </ol> </li> <li>3. Which one of the following statements about VLANs is false? <ol style="list-style-type: none"> <li>a. VLANs improve network performance through creating separate broadcast domains.</li> <li>b. VLAN switches are cheaper than routers</li> <li>c. A VLAN switch is a level 3 switch.</li> </ol> </li> <li>4. Members of a VLAN can be specified by: <ol style="list-style-type: none"> <li>a. Port</li> <li>b. MAC address</li> <li>c. IP address</li> <li>d. All of the above</li> </ol> </li> </ol>

## Review Questions

5. Which one of the following statements about VLANs is false?
  - a. A VLAN gives a network designer the speed advantage of switching.
  - b. A VLAN gives a network designer the ability to create separate broadcast domains.
  - c. A single level 3 switch can have multiple VLANs.
  - d. A VLAN has devices that are physically connected.
6. Which one of the following list of advantages of VLANs is false?
  - a. VLANs are flexible software-defined groups of devices.
  - b. VLANs handle the changing traffic of today's networks better than older methods.
  - c. VLANs involve routing which can only be performed by routers.
7. Which VLAN configuration would you use to build a VLAN for salesmen who often take their PC with them on the road?
  - a. Port-based
  - b. MAC-based
  - c. Policy-based
8. Which VLAN configuration would you have a network that consists of an AppleTalk section and PC section?
  - a. Port-based
  - b. MAC-based
  - c. Policy-based

3. Grupo ida prepara resposta solusaun ida ho formatu pdf no submete liu husi email ba: [joselay@tlnren.com](mailto:joselay@tlnren.com)

4. Deadline ba submisaun mak Kuarta feira, 5 de Julho 2017.