

Vacation Station

Objective

Explain the purpose of VLANs in a switched network.

Scenario

You have purchased a vacation home at the beach for rental purposes. There are three, identical floors on each level of the home. Each floor offers one digital television for renters to use.

According to the local Internet service provider, only three stations may be offered within a television package. It is your job to decide which television packages you offer your guests.

- Divide the class into groups of three students per group.
- Choose three different stations to make one subscription package for each floor of your rental home.
- Complete the PDF for this activity.

Share your completed group-reflection answers with the class.

Television Station Subscription Package – Floor 1		
Local News <input type="checkbox"/>	Sports <input type="checkbox"/>	Weather <input type="checkbox"/>
Home Improvement <input type="checkbox"/>	Movies <input type="checkbox"/>	History <input type="checkbox"/>
Television Station Subscription Package – Floor 2		
Local News <input type="checkbox"/>	Sports <input type="checkbox"/>	Weather <input type="checkbox"/>
Home Improvement <input type="checkbox"/>	Movies <input type="checkbox"/>	History <input type="checkbox"/>
Television Station Subscription Package – Floor 3		
Local News <input type="checkbox"/>	Sports <input type="checkbox"/>	Weather <input type="checkbox"/>
Home Improvement <input type="checkbox"/>	Movies <input type="checkbox"/>	History <input type="checkbox"/>

Reflection

1. What were some of the criteria you used to select the final three stations?

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2. Why do you think this Internet service provider offers different television station options to subscribers? Why not offer all stations to all subscribers?

3. Compare this scenario to data communications and networks for small- to medium-sized businesses. Why would it be a good idea to divide your small- to medium-sized business networks into logical and physical groups?
