CCNP BCMSN Notes - VLAN Trunking Protocol

VTP modes: **Client** - Rely on VLAN information advertised by a server; no local configuration possible   **Server** - Have full control over VLAN creation and modification for the VTP domain   **Transparent** - Does not participate in VTP but will forward advertisements   VTP advertisements: **Summary** - Sent every 300 seconds or whenever a change occurs   **Subset** - Sent after a summary advertisement when a change occurs; these provide more detail to reflect the change that was made   **Advertisement Request** - Issued by clients to request VLAN information   **Pruning Request** - Sent from clients to servers to announce active VLANs; inactive VLANs may be pruned from the trunk VTP configuration:

--   Switch(config)# vtp mode {server | client | transparent}   Switch(config)# vtp version {1 | 2}   Switch(config)# vtp domain <domain>   Switch(config)# vtp password <password> -- VTP pruning can be enabled with vtp pruning. Verification: show vtp status   show vtp counters