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**QUESTION 1**

An enterprise needs an upgrade to 802.11ac. Users run applications such as Web, email, voice, and video. The architect needs to conduct an active site survey to plan 802.11ac AP locations. The noise floor is about -90 dBm across the site.

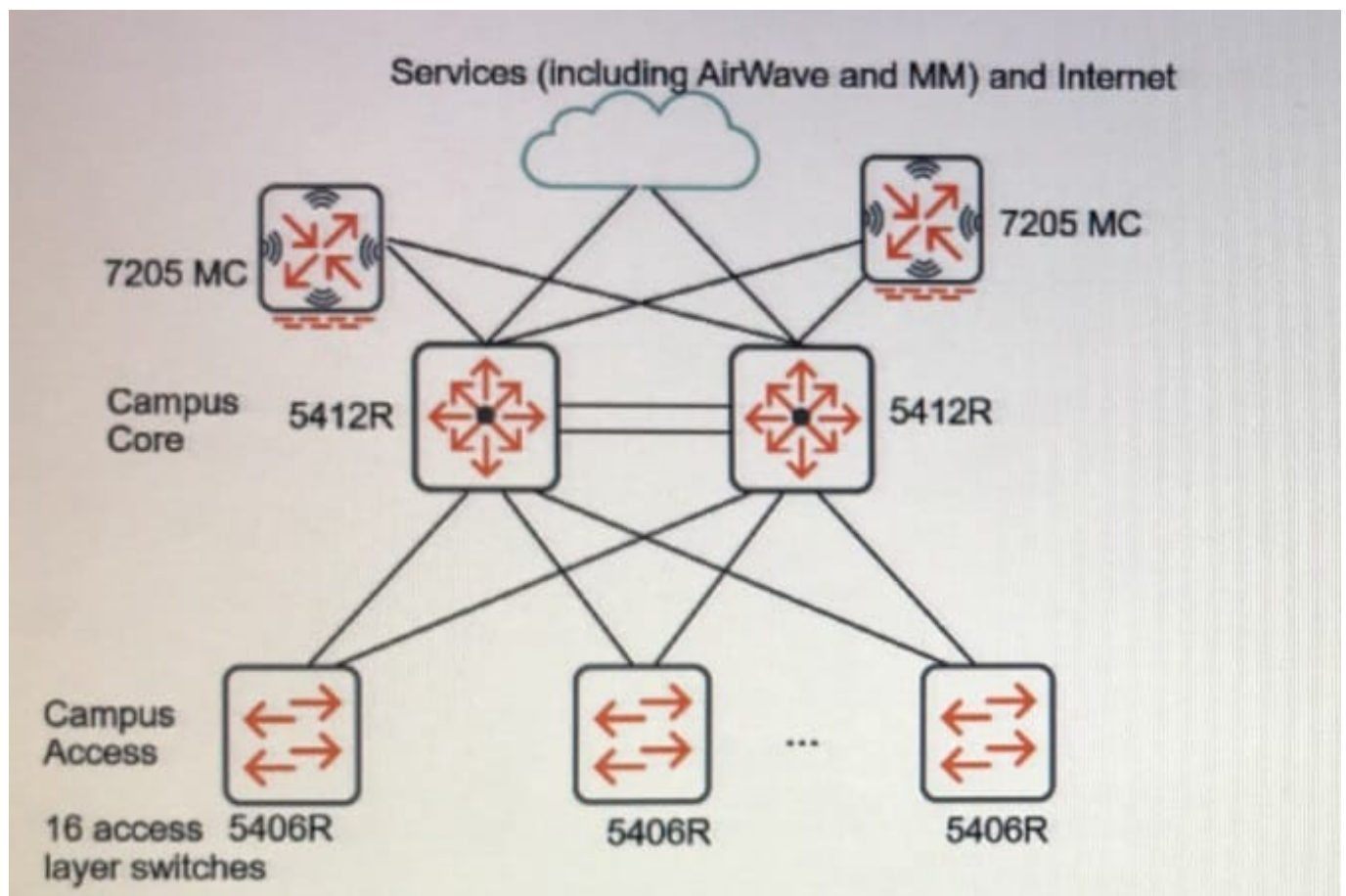
Based on Aruba best practices, what is the minimum acceptable signal that the architect should look for to determine the test AP range?

- A. a signal of -65 dBm in the 2.4 GHz band
- B. a signal of -75 dBm in the 5 GHz band
- C. a signal of -65 dBm in the 5 GHz band
- D. a signal of -75 dBm in the 2.4 GHz band

Correct Answer: C

QUESTION 2

Refer to the exhibit.





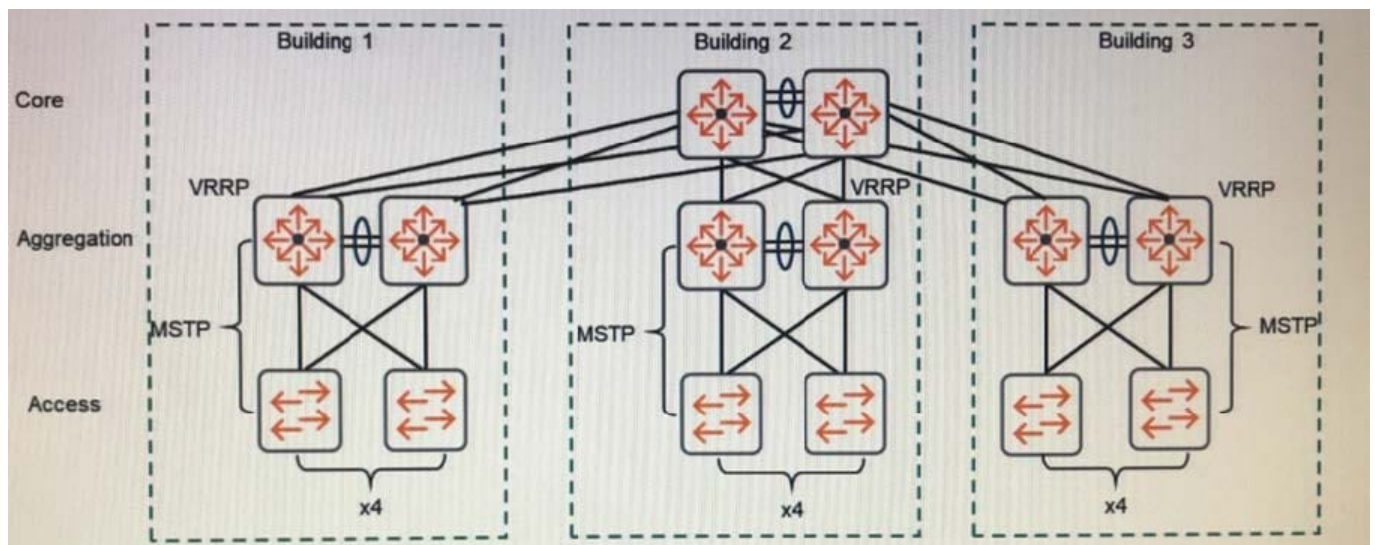
What is one reason for an architect to recommend the use of Virtual Switching Framework (VSF) in this network?

- A. VSF enables software-defined network monitoring in conjunction with AirWare.
- B. VSF transforms switches into virtual extensions of the MCs to simplify MST management.
- C. VSF enables administrators to manage all 18 switches as a single switch.
- D. VSF simplifies the topology and eliminates the need for spanning tree.

Correct Answer: D

QUESTION 3

Refer to the exhibit.



A customer wants to replace the core and aggregation layer of an existing network. Currently the network routes between the aggregation layer and core, and uses the technologies shown in the exhibit.

The customer now wants to route at the core, instead of the aggregation layer, and extend some of the same VLANs in different buildings.

However, the customer cannot eliminate the aggregation layer at this point. What should the architect recommend?

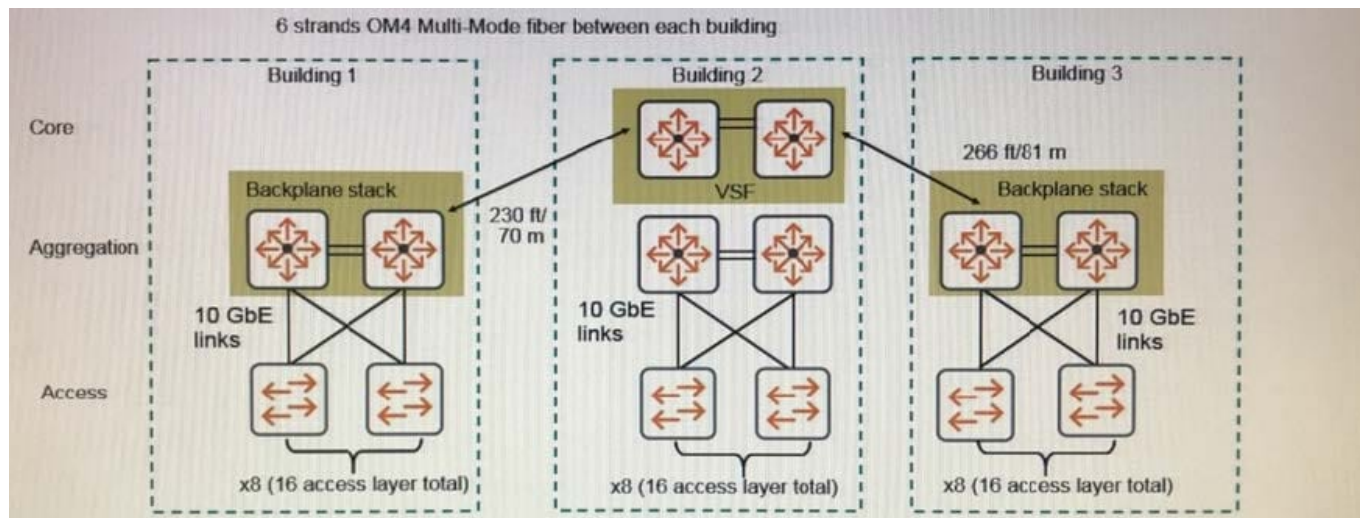
- A. Create a backplane stack at the aggregation layer and a VSF fabric at the core.
- B. Implement broadcast filtering on switch-to-switch links across all of the buildings.
- C. Combine all switches in the aggregation layer and core into a single backplane stack.
- D. Use VRRP on the core and aggregation switches, with the aggregation switches acting as standby.

Correct Answer: C

QUESTION 4



Refer to the exhibit.



An architect determines that 80 Gbps bandwidth is required for the link aggregation between the Building 1 aggregation layer and Building 2.

Which transceivers should the architect recommend for each pair of switches?

- A. two QSPF+ BiDi
- B. two QSPF+ MPO
- C. eight SPF+ LR
- D. eight SFP+ SR

Correct Answer: B

QUESTION 5

An architect plans to purpose an Aruba wireless solution with several Mobility Controllers (MCs) and a Mobility Master (MM) architecture. Wireless users run Skype for Business, a Unified Communications (UC) solution. The architect plans to use the Aruba SDN capabilities to integrate with the UC solution.

What helps to support high availability specifically for the SDN services?

- A. a redundant master MC
- B. backup controllers defines on the APs
- C. a cluster deployment for MCs
- D. a redundant MM

Correct Answer: D