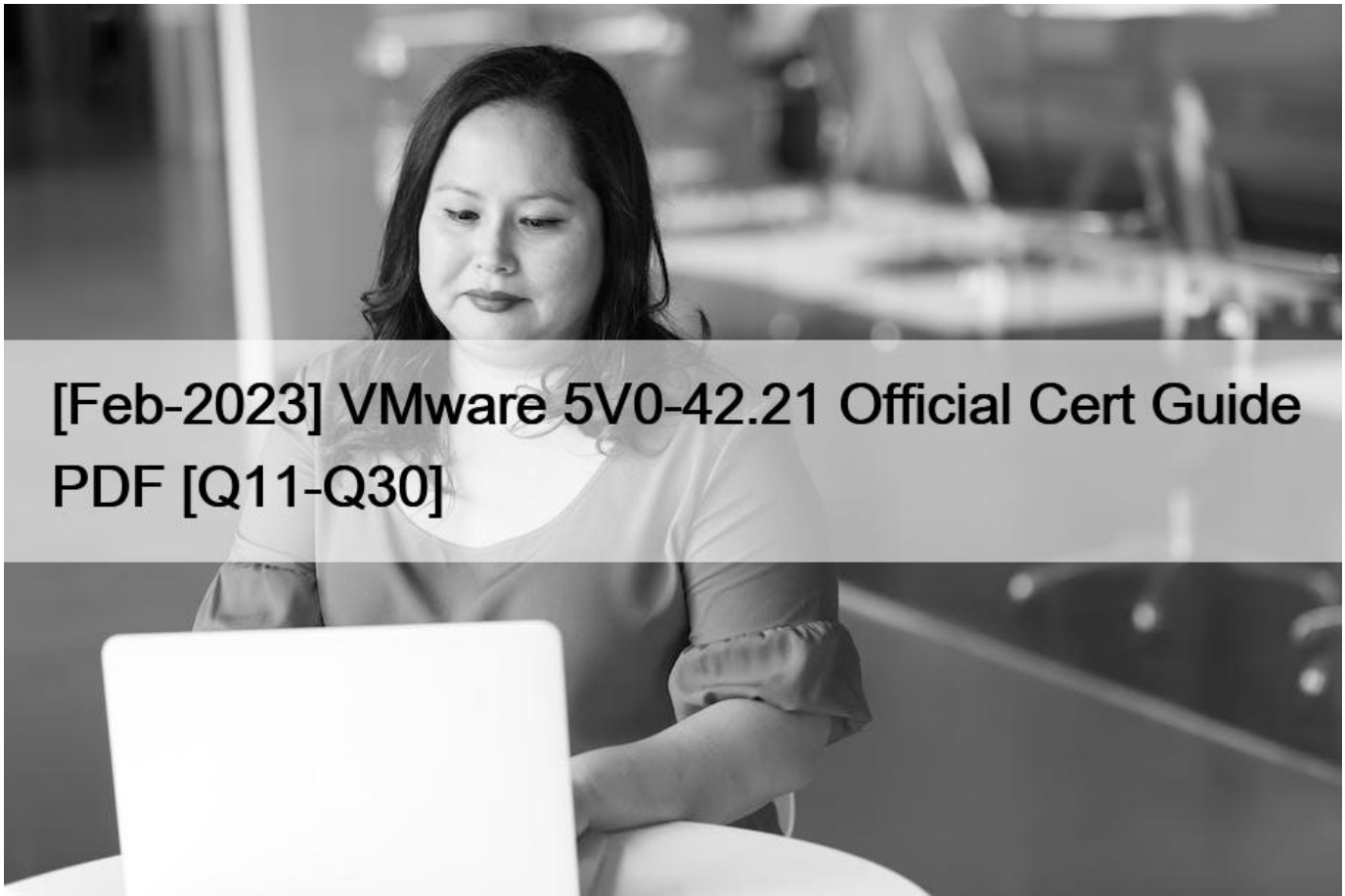# [Feb-2023 VMware 5V0-42.21 Official Cert Guide PDF [Q11-Q30

[Feb-2023] VMware 5V0-42.21 Official Cert Guide PDF
Exam 5V0-42.21: VMware SD-WAN Design and Deploy Skills - Test4Engine

QUESTION 11

A technician at a customer site is deploying VMware SD-WAN Edge 620 notices that the Edge LED is shown amber.

What is the meaning of this LED color?
* Edge is still booting.
* DNS is not reachable from the Edge.
* Edge is not activated.
* Internet is not available from the Edge

QUESTION 12

Which form factor can a customer use to deploy VMware SD WAN Edge?
* Oracle Virtual Box
* Open Virtualization Appliance

* Docker Container
* Hyper-V Virtual Machine

QUESTION 13

Which port is used for communication between VMware SD-WAN Edge and Orchestrator if there are no tunnels established to the Gateways?
* UDF 2426
* TCP 80
* TCP 443
* UDP 500

QUESTION 14

A customer is using Office 365.

How would the VMware SD-WAN recognize this application correctly?
* The VCE supports prioritization and QoS. Each application is assigned one of the three Service Classes and three Business Priorities.
* Top SaaS Apps (TLS encrypted) are identified using put. IP and port ranges Other TLS traffic can be identified based on the certificate information.
* Office 365 has to be added as part of customizing the Application Map by TCP/UDP port and subnet ranges.
* VMware SD-WAN will use SSL inspection to detect Office 365.

QUESTION 15

What Is a typical use case for the deployment of a VMware SU-WAN Partner Gateway?
* Provide connectivity between multiple enterprise customers over private circuits
* Get improved flow analytics for all traffic in the SD-WAN network
* Interconnect branches/remote sites of a single enterprise customer to the internet
* Provide mite transport m a service provider backbone tor interconnecting a global customer SD-WAN branches.

QUESTION 16

A service provider wants to offer a common service from its data center via VMware SD-WAN Partner Gateway to many customers with overlapping IP addresses.

Which configuration must be implemented?
* Define multiple segments tor each customer
* Enable NAT hand off under hand off static routes configuration
* Enable tag type QinQ under hand off interface configuration
* Configure source policy-based NAT under business- policies configuration

QUESTION 17

Company A has recently acquired Company B and needs to establish network connectivity. Company A has only Cisco for firewalls and VPN. Company B is using VMware SD-WAN.

Which VMware SD-WAN Cloud VPN solution should an administrator configure to establish connectivity?
* Branch to Non VMware SD-WAN Site.

* Branch to SD-WAN Hub
* Branch to Main Office VPN
* Branch to Branch VPN

QUESTION 18

Employees with an Apple iOS device have been causing congestion on the company’s internet What should an administrator configure to target these devices when creating a Business policy for this issue?
* Action Priority
* Action Network Service
* Match Source
* Match Destination

QUESTION 19

What are three key benefits of VMware SD-WAN? (Choose three)
* Provision Edges in minutes
* Automated configuration of cloud resources
* Remove requirement of Edge devices
* Gain visibility across any link
* Layer 2 VPNs between sites
* Reduce the burden on MPLS

QUESTION 20

Which statement is true about the VMware SD-WAN Gateway roles and assignments?
* Primary Gateway cannot be used as Super gateway for Edge-to-Edge communication, even it all the Edges have a common Primary gateway
* The SD-WAN Orchestrator assigns the Gateways to the Edge automatically when it comes up based Oil (lie location of the Edge Branch-to-branch will choose the right Gateway automatically
* If the Primary Gateway goes down. Cloud internet traffic would failover to Secondary gateway automatically
* The Primarily and Secondary Gateways share the load fur both internet traffic and VPN traffic

QUESTION 21

Which port is used for the high availability connection between the two Edges on a pair of Edge 510s?
* Any port may be chosen.
* GE1
* SFP1
* GE4

QUESTION 22

A customer is migrating a branch site with a VMware SD-WAN Edge coexisting with the CE. The Edge will be connected to internet link directly while connecting to the CE via a Layer 3 LAN switch.

MPLS underlay is the preferred path for communication from this site to branch sites that have no VMware SD-WAN Edges. Communication from this site to branch sites that have VMware SD-WAN Edges should go through overlay.
* Use BGP as the rout.ng protocol on UK Edge and flag its BGP neighbor to the Layer 3 LAN switch as Uplink.
* Use BGP as the routing protocol on the Edge and filter prefixes from CE using Uplink Community

* Use BGP as the routing protocol on the Edge and flag its HGP neighbor to PE as Uplink.
* Use BGP as the routine, protocol on the Edge and flag its BGP neighbor to GE as Uplink.

QUESTION 23

What is considered a typical VMware SD-WAN use case?
* Provide a distributed (per device) commands line interface (CLI) based configurations to implement complex network designintegrationoptions.
* Provide high speed layer 2 data center interconnects.
* Provide cloud delivered central management Orchestrator toimplementcomplex design network integration options.
* Provide management, control plane, and data forwarding from a single system to reduce complexly for the network administrator.

QUESTION 24

Which feature is required to prevent a split-brain condition for a branch in an Enhanced HA
* Split Brain Detection
* SD-WAN Service Reachable on the private overlay
* Cloud VPN
* VRRP
https://docs.vmware.com/en/VMware-SD-WAN/3.3/VMware-SD-WAN-by-VeloCloud-Administration-Guide/GUID-18DE770F-DF30-485D-8C3F-675D71C57556.html

QUESTION 25

A network administrator is concerned about an Edge that may be approaching its documented limit for the number of simultaneous tunnels. The historical data showing the number of simultaneous tunnels over the time needs to be checked.

Where can this historical data be found?
* Connect to the Edge CLI via SSH, and /opt/vc/bin/debug-py- tunnel_count
* In the Monitoring section for the Edge in question, navigate to the ”System” tab.
* In the Remote Diagnostics section of the UI, run the ”Total Counts dump” test.
* Use the SNMP manage poll the vcelHealthObject tree in the VELOCLOUD-EDGE-MIB

QUESTION 26

A service provider needs to upgrade a gateway to a new software version.

Which step in needed to complete the upgrade process?
* Re-assign the Gateway to a new gateway Pool with the appropriate software version, and then run ‘sudo apt-get update” from the Gateway console.
* Create a new disk partition to save the new software image to, modify the boot order via the Gateway BIOS to boot to the new partition, and then reboot the gateway.
* From the Orchestrator, select the check-box next to the appropriate gateway, choose ”Assign Software image”, and then select the version for the upgrade.
* Copy the new image to/var/lib/velocloud/software_update.tar, and then run the upgrade thescript from the console.

QUESTION 27

Refer to the exhibit.
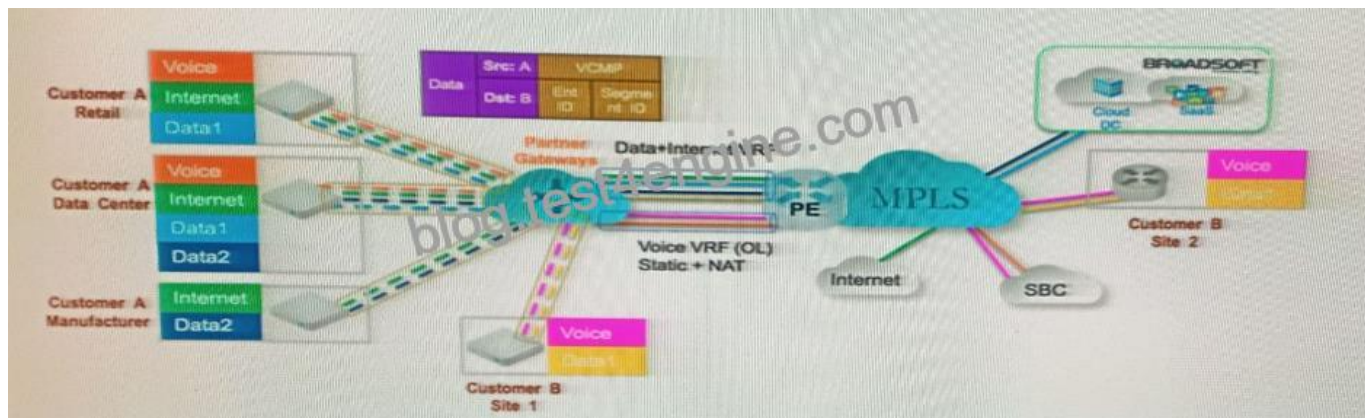
An MSP is designing a solution for a merger of Customer A and Customer B to Customer A’s enterprise. Due to overlapping IP addresses and security requirements, the segments with the same names between Customer A and Customer A cannot be merged.

Based on the graphic and the requirements, how many new segments need to be configured in the VMware SD-WAN Orchestrator?
* 4 segments
* 2 segments
* 6 segments
* 5 segments

QUESTION 28

A technician needs to SSH to it VMware SU-WAN Virtual Edge runningversion 3.3.2. What is the default password?
* adnim
* No password required
* Password configured in cloud_init
* velocloud

QUESTION 29

Which VMware SD-WAN component Is responsible for overlay route distribution?
* VMware SD-WAN Controller
* VMware SD-WAN Orchestrator
* VMware SD-WAN Edge
* VMware SD-WAN Hub

QUESTION 30

A network architect from a service provider is designing an architecture using a VMware SD-WAN Partner Gateway handoff.

Which dynamic routing protocol should the engineering choose?
* RIP Version 2
* OSPF
* Static
* BGP

VMware 5V0-42.21 Exam Syllabus Topics:

TopicDetailsTopic 1- Identify the protocols and part numbers used in the communication between VMware SD-WAN components- Identify the roles and assignments of VMware SD-WAN GatewaysTopic 2- Given a scenario about managing Edges, identify the required configuration that should be used- Identify the benefits and key differentiators of VMware SD-WANTopic 3- Identify th key components of the VMware SD-WAN in the SD-WAN architecture- Identify use cases when the Partner Gateway should be usedTopic 4- Given a business policies requirement scenario, identify how to direct internet traffic- Identify Edge HA options and operationsTopic 5- Identify the various modes of deployment for the VMware SD-WAN architecture- Identify use cases of VMware SD-WANTopic 6- Given a Gateway deployment scenario, identify the deployment steps- Identify how HIgh Availability is configured in VMware SD-WAN architectureTopic 7- Given a scenario, identify how to design SD-WAN to meet the customer's requirements- Identify the roles of key components of the VMware SD-WAN in the SD-WAN architectureTopic 8- Given a business policies requirement scenario, identify which link steering method should be used- Identify how SDN relates to the VMware SD-WAN technologyTopic 9- Given a scenario about managing a Gateway, identify the required configuaration that should be used- Identify the form factors for VMware SD-WAN in the SD-WAN architecture

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