

SDA HLD Tool Input from Survey

Organization Name - company

HLD	Answer
List the total number of concurrent wired endpoints (excluding guests)	7
Are any wired endpoints connected to IP phones	Yes
List the total number of such endpoints	9
Total number of concurrent wireless endpoints (excluding guests)	9
Will guest be utilized	Yes
List the total guest wired endpoints	9
list the total guest wireless endpoints	9
Is there a requirement for the guest traffic to be completely isolated from corporate network	Yes
Is there a requirement for industrial standard switches that can withstand high temp and altitudes	Yes
Requirement for east-west policy enforcement for these switches	yes
How many end hosts will connect to these switches	9
Is there a required for small form factor fanless switches or UPOE switches design for smart buildings	Yes
Total number of end points connecting behind the fanless/UPOE switches	9
Add endpoint type and if it needs broadcast	IP Phones-No, Cameras-No, Emp Laptops-Yes, Emp BYODs-No, Guest Laptops/BYODs-No
Do you know the total number of VRFs, segments and endpoint user groups which will be configured in the network	RAT
Total number of VNs	RAT
How many VNs will utilize multicast	RAT
Total number of IP pools needed for traffic separation	100
Number of IP pools for broadcast	10
Total number of SGTs to segment endpoint groups	100

Do any of these SGTs have static IP address that cannot be changed when migrating to fabric	Yes
Is the IP address scheme v4, v6 or dual	Only IPv4
Do network devices need IPv6 or dual stack	Yes
Is there a requiremnt for multicast in the network	Yes
How many multicast groups have senders or recievers in the fabric	IP Phones-No, Camaras-No, Emp Laptops-Yes, Emp BYODs-No, Guest Laptops/BYODs-No
Do fabric hosts have a requirment to share subnets with non fabric hosts how many such subnets exists ?	IP Phones-No, Camaras-No, IoT-No, Emp Laptops-No, Emp BYODs-No, Guest Laptops/BYODs-No
For each subnet sharing IP pool with non-fabric hosts provide the total number of hosts that sits inside and outside fabric	9
Is there a requirement for any of the end points to have their gateway on a firewall of outside the fabric gateway on a firewall of outside the fabric	Emp Laptops-Yes, Emp BYODs-Yes, Guest Laptops-Yes, Guest BYODs-Yes
Does the network need to be highly resilient	Yes
Is there a requirment to monitor network traffic in real time for cloud based threat detection	No
Does the site have single or multiple exits for network traffic	Multiple
Is there a requiremnt for site to be able to handle communication between hosts in different VNs	Yes