CLAIMS

1. A method for staging a universal customer edge gateway device, the method comprising:

generating, by at least one processor of the universal customer edge gateway device, prior to deployment of the universal customer edge gateway device at a customer location, copies of virtual network function (VNF) operating system (OS) images on the universal customer edge gateway device, the copies comprising a first copy of a first VNF OS image and a second copy of a second VNF OS image;

identifying, by the at least one processor, during a deployment of the universal customer edge gateway device at the customer location, a selection of the first copy from a list of the copies;

copying, by the at least one processor, during the deployment and based on the selection, the first VNF OS image to the universal customer edge gateway device; and

instantiating, by the at least one processor, at the universal customer edge gateway device, the copied first VNF OS image.

2. The method of claim 1, further comprising storing the copies in a secured partition on the universal customer edge gateway device.

3. The method of claim 2, wherein copying the first VNF OS image to the universal customer edge gateway device comprises copying the first VNF OS from the secured partition to a hypervisor of the universal customer edge gateway device.

4. The method of claim 3, further comprising:

identifying, during the deployment, a second selection of the second copy from the list; and

copying, during the deployment and based on the second selection, the second VNF OS image from the secured partition to the hypervisor.

5. The method of claim 4, further comprising:

instantiating, at the universal customer edge gateway device, the copied second VNF OS image.

6. The method of any preceding claim, wherein the copying and the instantiating are unassociated with downloading the first VNF OS using the Internet.

7. The method of any of claims 1 or 2, wherein the instantiating is unassociated with instantiating a first VNF associated with the first VNF OS.

8. The method of any preceding claim, further comprising:

requesting, using an application programming interface (API) get call, the list.

9. The method of claim 8, wherein the API get call comprises an authorization token.

10. A system for staging a universal customer edge gateway device, the system comprising:

at least one processor of the universal customer edge gateway device coupled to memory of the universal customer edge gateway device; and

copies of virtual network function (VNF) operating system (OS) images on the universal customer edge gateway device, the copies comprising a first copy of a first VNF OS image and a second copy of a second VNF OS image, wherein the at least one processor is configured to:

generate, prior to deployment of the universal customer edge gateway device at a customer location, the copies;

identify, during a deployment of the universal customer edge gateway device at the customer location, a selection of the first copy from a list of the copies;

copy, during the deployment and based on the selection, the first VNF OS image to the universal customer edge gateway device; and

instantiate, at the universal customer edge gateway device, the copied first VNF OS image.

11. The system of claim 10, further comprising a secured partition on the universal customer edge gateway device, wherein the at least one processor is further configured to store the copies in the secured partition.

12. The system of claim 11, further comprising a hypervisor on the universal customer edge gateway device, wherein to copy the first VNF OS image to the universal customer edge gateway device comprises to copy the first VNF OS from the secured partition to the hypervisor.

13. The system of claim 12, wherein the at least one processor is further configured to:

identify, during the deployment, a second selection of the second copy from the list; and

copy, during the deployment and based on the second selection, the second VNF OS image from the secured partition to the hypervisor.

14. The system of claim 13, wherein the at least one processor is further configured to:

instantiate, at the universal customer edge gateway device, the copied second VNF OS image.

15. The system of any one of claims 10 to 14, wherein the copying and the instantiating are unassociated with downloading the first VNF OS using the Internet.

16. The system of any one of claims 10 to 15, wherein the instantiating is unassociated with instantiating a first VNF associated with the first VNF OS.

17. The system of any one of claims 10 to 16, wherein the at least one processor is further configured to:

request, using an application programming interface (API) get call, the list,

wherein the API get call comprises an authorization token.

18. A device for staging a universal customer edge gateway device, the device comprising at least one processor coupled to memory, the at least one processor configured to:

generate, prior to deployment of the universal customer edge gateway device at a customer location, copies of virtual network function (VNF) operating system (OS) images on the universal customer edge gateway device, the copies comprising a first copy of a first VNF OS image and a second copy of a second VNF OS image;

identify, during a deployment of the universal customer edge gateway device at the customer location, a selection of the first copy from a list of the copies;

copy, during the deployment and based on the selection, the first VNF OS image to the universal customer edge gateway device; and

instantiate, at the universal customer edge gateway device, the copied first VNF OS image.

19. The device of claim 18, further comprising a secured partition on the universal customer edge gateway device, wherein the at least one processor is further configured to store the copies in the secured partition.

20. The device of claim 19, further comprising a hypervisor on the universal customer edge gateway device, wherein to copy the first VNF OS image to the universal customer edge gateway device comprises to copy the first VNF OS from the secured partition to the hypervisor,