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(54) Title: ENHANCED PRE-LOADING FOR EDGE GATEWAYS IN COMMUNICATIONS NETWORKS

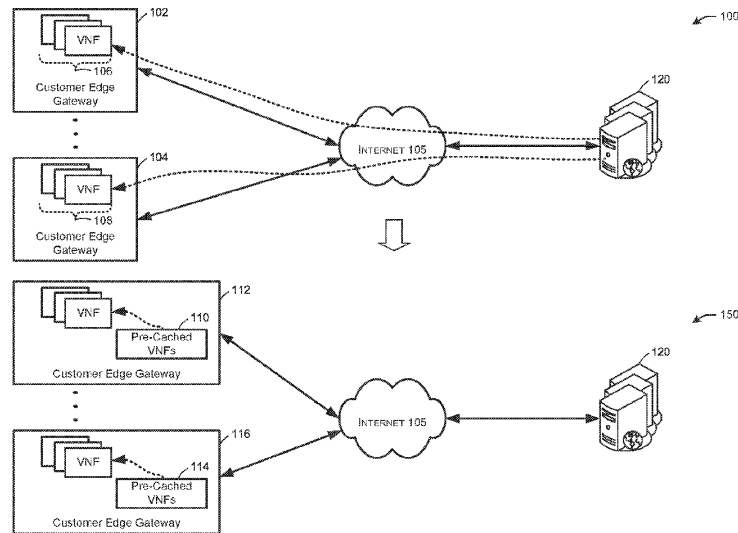


FIG. 1

(57) Abstract: This disclosure describes systems, methods, and devices related to staging a universal customer edge gateway device. A universal customer edge gateway device may 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 including 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.

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WO 2024/030348 A1

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