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(54) **TENANT-DRIVEN DYNAMIC RESOURCE ALLOCATION FOR VIRTUAL NETWORK FUNCTIONS**

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(57) **ABSTRACT**

Techniques for tenant-driven dynamic resource allocation in network functions virtualization infrastructure (NFVI). In one example, an orchestration system is operated by a data center provider for a data center and that orchestration system comprises processing circuitry coupled to a memory; logic stored in the memory and configured for execution by the processing circuitry, wherein the logic is operative to: compute an aggregate bandwidth for a plurality of flows associated with a tenant of the data center provider and processed by a virtual network function, assigned to the tenant, executing on a server of the data center; and modify, based on the aggregate bandwidth, an allocation of compute resources of the server executing the virtual network function.