## CLAIMS

1. A cloud data center management system, comprising a first management module, a virtual machine monitor, and a second management module, wherein the first management module and the virtual machine monitor are configured in a DPU, and the second management module is configured in a host;

the first management module is configured to send a first control instruction to the virtual machine monitor, and the first control instruction is configured to instruct the virtual machine monitor to perform a first operation on at least one virtual machine, wherein the first operation comprises creating or deleting a backend device of the at least one virtual machine, and the backend device of the at least one virtual machine is located in the DPU and is a type of device corresponding to the at least one virtual machine; and

the virtual machine monitor is configured to manage different types of virtualization technologies as virtual machines, and when receiving and executing the first control instruction, perform the first operation by invoking a callback function of a type of device corresponding to the at least one virtual machine, wherein the different types of virtualization technologies comprise bare-metal technology, virtual machine technology, and container technology;

the first management module is further configured to send a second control instruction to the second management module when receiving a feedback of completion of the execution of the first control instruction, and the second control instruction is configured to instruct the second management module to perform a second operation on the at least one virtual machine; and

the second management module is configured to receive and execute the second control instruction to perform the second operation, wherein the second operation comprises creating or deleting a front-end driver of the at least one virtual machine, and the front-end driver of the at least one virtual machine is located in the host.

2. The cloud data center management system according to claim 1, wherein the first management module is further configured to receive an operation and maintenance instruction, and when receiving the operation and maintenance instruction, send the first control instruction to the virtual machine monitor.

3. The cloud data center management system according to claim 1, wherein the first

management module and the virtual machine monitor communicate with each other through a QEMU Machine Protocol (QMP).

4. The cloud data center management system according to claim 1, wherein the second management module and the first management module communicate with each other through a Socket connection based on a Transmission Control Protocol (TCP).

5. The cloud data center management system according to claim 1, wherein the DPU is configured in the host.

6. An electronic device, comprising a host, a DPU, and a cloud data center management system according to any one of claims 1 to 5, wherein the DPU is configured or inserted into the host, or the host is configured or inserted into the DPU.