BDCOM Campus Wireless Operation

Case Study

Solution

Yunnan Vocational College of Culture and Art (Woyunshan Campus)

Project Background Yunnan Vocational College of Culture and Art, founded in 1956 and located in scenic Kunming, is the first



provincial public art vocational college in Yunnan Province.

The project for Woyunshan Campus of Yunnan Vocational College of Culture and Art involves 2 teaching buildings, 2 canteens, 15 villas and 6 dormitories.



Scenario-based Solutions

Network Topology

Dormitory and Villa



Adopt W512 dual-band in-wall AP with 1200Mbps, compact and harmonious.

Teaching Building and Canteen

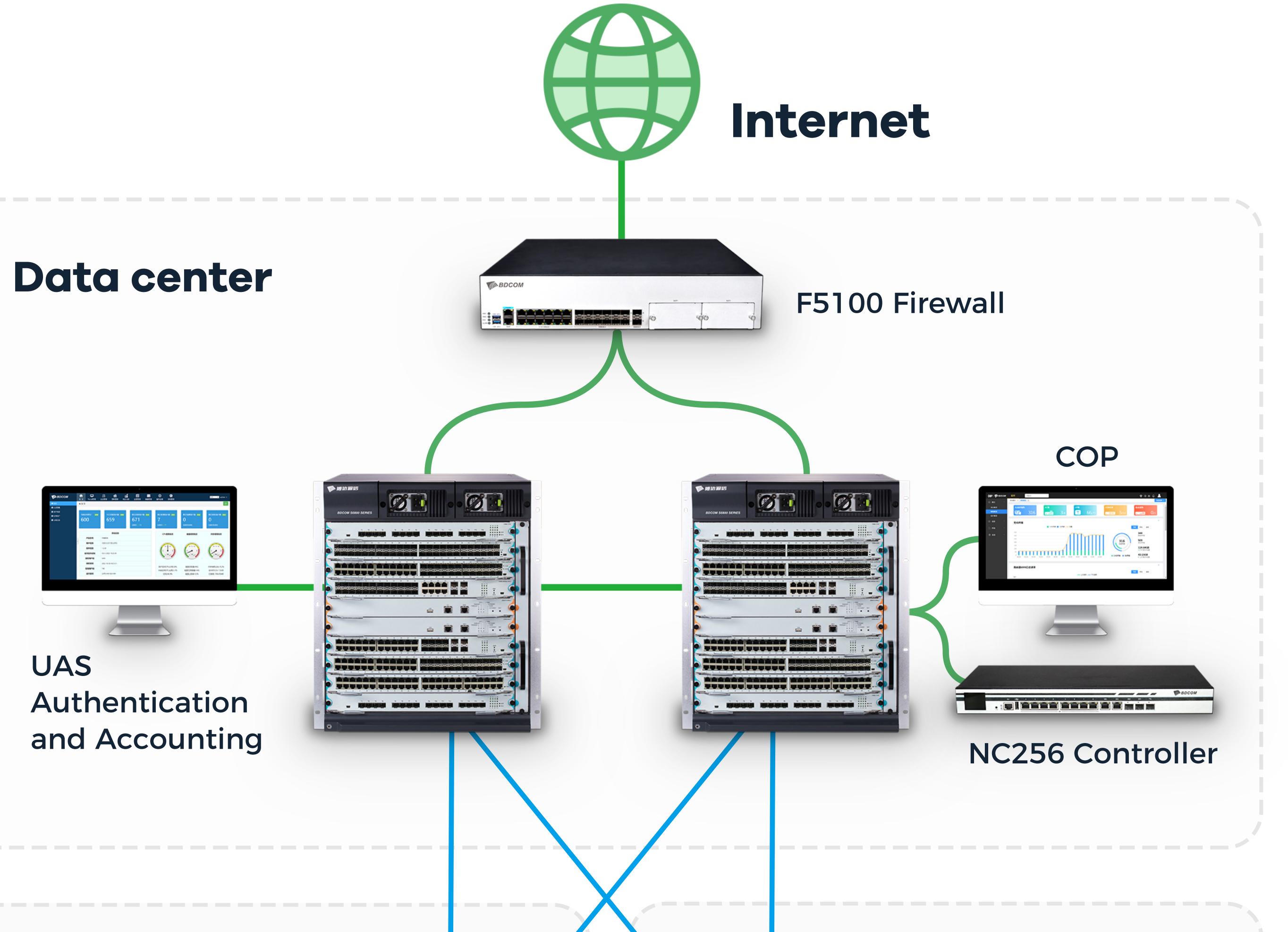


Adopt T22E-W6 ceiling WiF6 AP with 1800Mbps bandwidth to meet the high-density access.

Core switching network



Adopt S6800 10GE core switch with dual MCU and dual power supply to provide a stable and efficient switching platform.



Gateway



Adopt F5100 10GE high-performance firewall to undertake massive data throughput and traffic scheduling, and additionally provide trusted protection.

Data center



Deploy the unified authentication and accounting system (UAS) to provide user access and accounting services. Deploy cloud-based operation platform (COP) to provide one-stop device management and O&M anytime, anywhere.

