

INTERNETWORKING

CLUSTER: Information Technology

PARTICIPATION TYPE: Individual

LEVEL: National Contest

CONTEST TYPE: Skilled and Technical Contest

CONTESTANT LIMIT: 3 per Advisor

CONTESTANT TYPE: High School

ELIGIBILITY: Open to all active SkillsUSA members enrolled in a computer networking training program with internetworking as the occupational goal.

INTERNETWORKING

The contest focuses on testing the networking knowledge and hands-on ability of the competitors. The online written portion tests the student's complete knowledge of internetworking concepts. The hands-on component demonstrates the abilities of the contestant to make cables, trouble shoot network systems, configure routers, switches and servers, and to deliver customer service in a technical assistant center environment. The contestants will find errors in WAN and LAN networks; do a full network configuration using routers, switches, and servers; talk a technician through an error they are having on their network; and take an online, certification type test. The national contest is based on the most current CCNA certification. In today's job market system administration skills are needed, therefore server skills that will be scored include, but are not limited to: DNS, Active Directory, and DHCP.



The SkillsUSA South Carolina Championships follow the current edition of the SkillsUSA National Technical Standards. These are available to professional members (advisors and teachers) following membership registration. Please check the State Updates that will be posted as received by the Technical Chairs related to changes to the competition related to state level competition.