

(310) Server Administration Using Microsoft® (S | PS)

Description

Demonstrate knowledge of fundamental network management and maintenance tasks in a Windows® network. *This event will NOT include a separate certification component for 2021-2022.*

Eligibility

Any Secondary or Post-secondary division student member may enter this event.

Member must supply

Sharpened No. 2 pencils, pens

Cordless calculator: Electronic devices will be monitored according to ACT standards. See [NLC](#)

[Calculator Guidelines](#). Members who violate this rule will be *disqualified*.

Published and/or unpublished non-electronic written reference materials

No equipment, supplies, or materials other than those specified for an event will be allowed in the testing area. No previous Business Professionals of America tests and/or sample tests or facsimiles thereof (handwritten, photocopied, or keyed) may be taken into the testing area. Violation of this rule will result in disqualification.

Competencies

- Troubleshooting Windows® 10, Windows® Server 2016/2018 operating systems installation
- Monitor, manage, and troubleshoot access to files and folders
- Manage and troubleshoot access to shared folders
- Manage printers and print jobs
- Configure and manage file systems
- Monitor and optimize system performance and reliability
- Recover system state data and user data
- Configure and troubleshoot the desktop environment
- Encrypt data on a hard disk by using Encrypting File Systems (EFS)
- Monitor, configure, troubleshoot, and control access to websites
- Configure and troubleshoot hardware devices and drivers
- Configure and troubleshoot Windows® Network connections
- Configure, monitor, and troubleshoot remote access
- Configure inbound connections
- Implement, configure, manage, and troubleshoot auditing, local security policy, and policies in a Windows® environment

Method of evaluation

Objective Test

Length of event

Preliminaries - No more than sixty (60) minutes for objective test

Finals - No more than sixty (60) minutes for hands-on tasks

Entries

Each state is allowed five (5) entries