

NOVELL NETWORK ADMINISTRATION (55)

Technical Task (Part 2 of 2)

State– 2008

TOTAL POINTS _____ (100)

Failure to adhere to any of the following rules will result in disqualification:

- 1. Contestant must hand in this test booklet and all printouts. Failure to do so will result in disqualification.***
- 2. No equipment, supplies, or materials other than those specified for this event are allowed in the testing area. No previous BPA tests and/or sample tests or facsimile (handwritten, photocopied, or keyed) are allowed in the testing area.***
- 3. Electronic devices will be monitored according to ACT standards.***

Complete and submit on or before FEBRUARY 15, 2008 to:

Susan Craig, Judged Events Coordinator
Huntley Project High School
1477 Ash Street, Worden, MT 59088

Property of Business Professionals of America.
May be reproduced only for use in the Business Professionals of America
Workplace Skills Assessment Program competition.

FOR ALL TASKS: Throughout the event, you will be asked to take “Screen Shots” of various tasks. These will be designated as SS#. These screen shots should be saved in a file and submitted as directed for grading.

State Competition:

You will be creating a Novell Network structure. If your school does not have an available Novell operating system available an evaluation copy can be downloaded from <http://www.novell.com>. These tasks should not be completed on a production machine. Tasks should be completed on either a test machine or in a virtual environment. Novell NetWare is used as the server software for completion of these tasks. All print screens will be taken of iManger for consistency.

Create a Novell NetWare tree:

- Tree: BPA-Tree
- Server Name: BPA-Server
- IP: Address dependent upon your local policies
- IPX: None
- Host Name: Events
- Domain Name: BPA.local
- Create one NSS volume labeled SYS
- Customized NetWare Server Pattern
- Components Selection
 - Apache2 Web Server and Tomcat 4 Servlet Container
 - iPrint
 - Novell DNS/DHCP Services
 - Novell iFolder Storage Services
 - Novell NetStorage
 - Open SSH
 - eGuide
 - Novell iManager
 - Novell Virtual Office Framework
- Context for Server Object: O=State
- Admin Name: admin
- Admin Context: O=State
- Password: novell

Task 1 Creating and Adding Additional Objects to an existing Tree.

Add the following containers to the BPA-Tree system.

First name: Denis

Last name: Huffman

UserID: dhuffman

**NOVELL NETWORK ADMINISTRATION TECHNICAL TASK
STATE 2008
PAGE 3 of 4**

Password: Novell
Context: .CN=dhuffman.OU=State.O=BPA.C=US
First name: David
Last name: Holmes
UserID: dholmes
Password: Novell
Context: .CN=dholmes.OU=National.O=BPA.C=US

SS#1 of Novell iManger View Objects Highlight State under BPA, print screen.

SS#2 of of Novell iManger View Objects Highlight State under BPA, print screen.

Task 2 Create DHCP/DNS Server

Create a DHCP server in the BPA-Tree system.
Additions to the DHCP server are not necessary at this time.

SS#3 of Novell iManger View Objects Highlight State under [BPA-Tree], scroll right screen until DHCP BPA-Server shows, print screen.

Create a DNS server in the BPA-Tree system. Additions to the DNS server are not necessary at this time.

SS#4 of Novell iManger View Objects Highlight State under [BPA-Tree], scroll right screen until DNS BPA-Server shows, print screen.

Task 3 Create a Web printer.

Create a HP Laser 4050CN printer in the tree that will be accessible from the Web with the following parameters.

Broker name: BPABroker
Manager name: BPAManager
Printer name: BPAPrinter
Printer driver: XP
RMS: BPA-SERVER_SYS:State

IP Address: locally assigned address

Setup NDPS on the NetWare server using the above parameters. Install a printer for the network and install a driver for the above printer for the XP operating system.

SS#5 of Novell iManger View Objects Highlight State under [BPA-Tree], scroll right screen until BPABroker shows, print screen.

**NOVELL NETWORK ADMINISTRATION TECHNICAL TASK
STATE 2008
PAGE 4 of 4**

SS#6 of Novell iManger Roles and Tasks iPrint Mange Broker showing HPLaserJet 4050PCL driver for XP, print screen.

SS#7 of Novell iManger View Objects Highlight State under [BPA-Tree], scroll right screen until BPAManager shows, print screen.

SS#8 of of Novell iManger Roles and Tasks iPrint Mange Printer showing BPAPrinter (the printer does not have to be functioning, but you need to have the configuration for it), print screen.