

IBM Servers and Storage Demos

IBM z9 Hardware Management Console LDAP Authentication

Pronunciation notes

LDAP is pronounced L-DAP

ACADMIN is pronounced A-C-S-ADMIN

1a Time: 00:00 20sec

IBM System z9 Hardware Management Console or HMC Logon LDAP authentication can be used to perform USERID and password authentication using your enterprise LDAP server rather than the HMC itself. This enables a single point of authentication for HMC logons and simplifies auditing.

1b Time: 00:20 15sec

We begin by logging on to the access administrator HMC USERID. We then navigate to the "User Profiles" task and select "Add" to create a new user definition.

1c Time: 00:35 60sec

Next we provide a USERID and description for our new user and select LDAP as the authentication method.

1d

We need to define the LDAP server to be used by the HMC. In this example we will use the IBM employee directory called BluePages as our server.

1e

LDAP "bind mode" is used to delegate the password authentication to the LDAP server. The communication between the HMC and LDAP server can take place over an SSL or non-SSL connection.

1f

Note that it was not necessary to make the HMC and LDAP USERIDs identical. The HMC USERID may be associated with another id known to the directory server.

2a Time: 01:35 40sec

Now that the LDAP server has been defined, we assign roles and establish properties for our new user. These roles and properties continue to be maintained on the HMC. They are not stored on the LDAP server.

It is important to remember that this function is on a per-USERID basis. Some users may authenticate using LDAP while others continue to use the traditional method.

2b

With the user definition complete, we exit the User Profiles task and log off of the HMC.

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3a Time: 02:10 30sec

To verify the operation of our new user, we sign on with our credentials known to the enterprise directory.

3b

As you can see, we have successfully authenticated our HMC logon using the LDAP server and can proceed to work with our CPC images.

3c

Finally, please note that to use an enterprise directory for HMC authentication requires the 2.9.2 or later level of HMC code.

4a Time: 2:40 10sec

For more information on HMC Logon LDAP authentication or assistance in implementing this function, contact your IBM Business Partner or IBM representative.