



Configuring Windows XP Pro for AudioVAULT

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As one of the supported operating systems for AudioVAULT, Windows XP Professional has proven to be a stable platform for reliable operation. As you are preparing a new computer for an AudioVAULT installation however, there are a few tweaks and changes to the default XP configuration that can enhance and improve that reliability.

Some settings, like standardizing Windows Folder Options and Desktop Properties make working with AudioVAULT easier and provide consistency across a system. Other settings, like those affecting Windows security, Time Zone settings and networking should be implemented to increase AudioVAULT's reliability and stability. The new version also requires some changes in the way drive sharing and user permissions are handled.

For further clarification or help implementing these changes, contact Digital Customer Service through the Support page at www.bdcast.com.

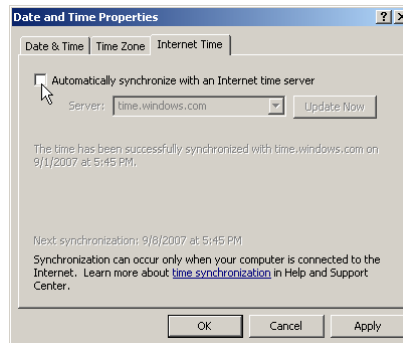
Networking

- Open Control Panel
- Double-click on **Network Connections**
- Right-click on your active Local Area Connection and select **Properties**
- Highlight the **Internet Protocol (TCP/IP)** and click the **Properties** button
- Set the TCP/IP address for this connection. **Static IP addresses are highly recommended.**
- Access the **Advanced** properties page and select the **WINS** tab. In the NetBIOS group, select the option to **Enable NetBIOS over TCP/IP**

Check and Standardize Time Zone settings

- Open Control Panel
- Double-click on the **Date and Time** applet
- Verify that all computers are set to the same date, time and time zone

- On the **Internet Time** tab, disable the option to **Automatically synchronize with an Internet time server**.



Tools > Folder Options

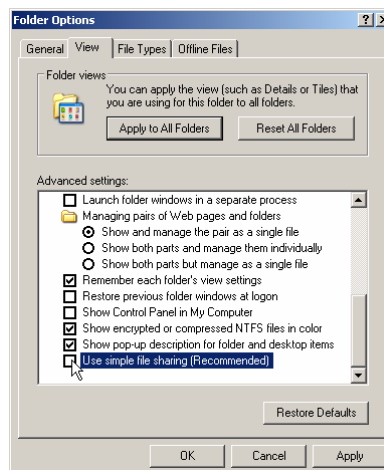
Several changes should be made to the way Windows shows and handles files and folders. These options can be accessed from **Tools > Folder Options** in Windows Explorer.

General Tab:

- Select **Use Windows classic folders**

View Tab:

- Under Hidden files and folders, check **Show hidden files and folders**
- Un-check **Hide extensions for known file types**
- Un-check **Use simple file sharing**
- Click the **Apply to All Folders** button



Security Settings

- Open Control Panel
- Double-click on the **Security Center** applet
- Turn off **Windows Firewall**
- Under Resources, click **Change the way Security Center alerts me** and disable all three options

Desktop Properties

- Right click on the Desktop and select **Properties**
- On the **Desktop** tab, click the **Customize Desktop** button
 - On the **Desktop Icons** dialog on the **General** tab, un-check **My Documents** and **Internet Explorer** to hide those desktop icons. Also un-check the **Run Desktop Cleanup Wizard** option.
- On the **Screen Saver** tab, select **None**

Drive Sharing and User Permissions

To better protect system settings, AudioVAULT version 9.20 is moving to a group-policy based permissions system. Setup will be responsible for creating two Windows group accounts on each PC, **AVAdmin** and **AVUser**. Each group will be given the appropriate rights to directories, files, and registry settings.

Users in the **AVAdmin** group have access to the following items:

- Full access to any File system directories (AVVol1 directories)
- Full access to HKLM\Software\Broadcast Electronics
- Full access to audiovau.ini and av2k.ini
- All rights allowed to AVUser group

Users in the **AVUsers** group have access to the following items:

- Full access to HKLM\Software\QDesign\QDesign MPEG Audio Codec
- Full access to all log directories (AVAir, Audiovau.exe, AVScheduler, AV2K)
- Full access to AVScheduler data directories
- Full access to AVScheduler export directories (event files for AVAir.exe)

It will be the responsibility of the System Administrator to create individual user accounts on the system, assigning them to the appropriate user group.

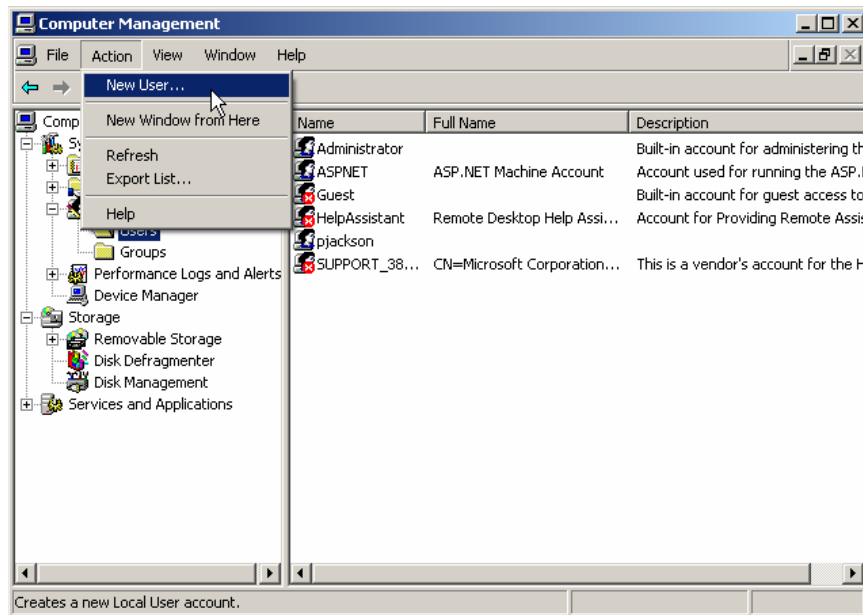




It is recommended that user accounts on an AudioVAULT system be limited to a single AVAdmin/administrator account and a single AVUser/operator account for ease of management.

To create a new user account

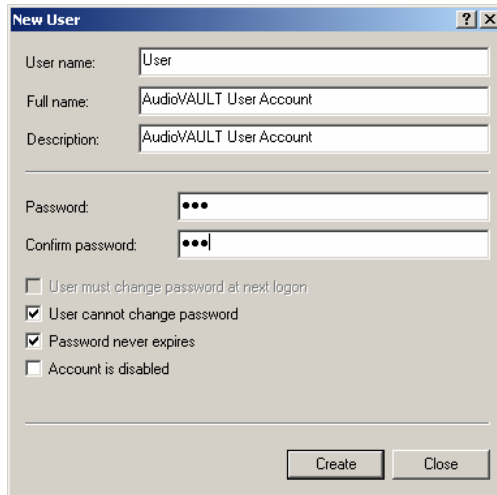
1. Open Computer Management by clicking the Windows Start button, point to **Settings**, and then click **Control Panel**. Double-click **Administrative Tools**, and then double-click **Computer Management**.
2. In the console tree, click **System Tools > Local Users and Groups > Users**.
3. On the Action menu, click New User.



Type the appropriate information in the dialog box, creating a user account for the **AVUser** group and for the **AVAdmin** group. A user name cannot be identical to any other user or group name on the computer. It can contain up to 20 uppercase or lowercase characters except for the following:

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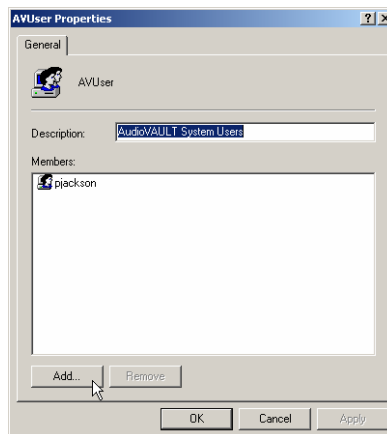
On the New User dialog,

- Un-check **User must change password at next logon**
- Check **User cannot change password**
- Check **Password never expires**
- Un-check **Account is disabled**

4. Click **Create**, and then click **Close**.

5. Once the user has been created, add the user to the appropriate group. In Computer Management, click **System Tools > Local Users and Groups > Groups**. Select the correct group.

6. On the Action menu, click **Add to Group** to open the group properties dialog.



7. Click the **Add** button to add a user to this group. In the **Enter the object names to select** field, type in the user account you just created and click **OK** to add the user to this group.

After creating users and assigning them to groups, set a user as a default and change the Windows logon options.

- From Control Panel, open **User Accounts**
- Click **Change the way users log on or off** and un-check **Use the Welcome Screen**
- Click **Apply Options**

Shutdown and Restart the computer, logging on as your preferred default user.

