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### NMMU Wireless Network Profile Configuration Guidelines

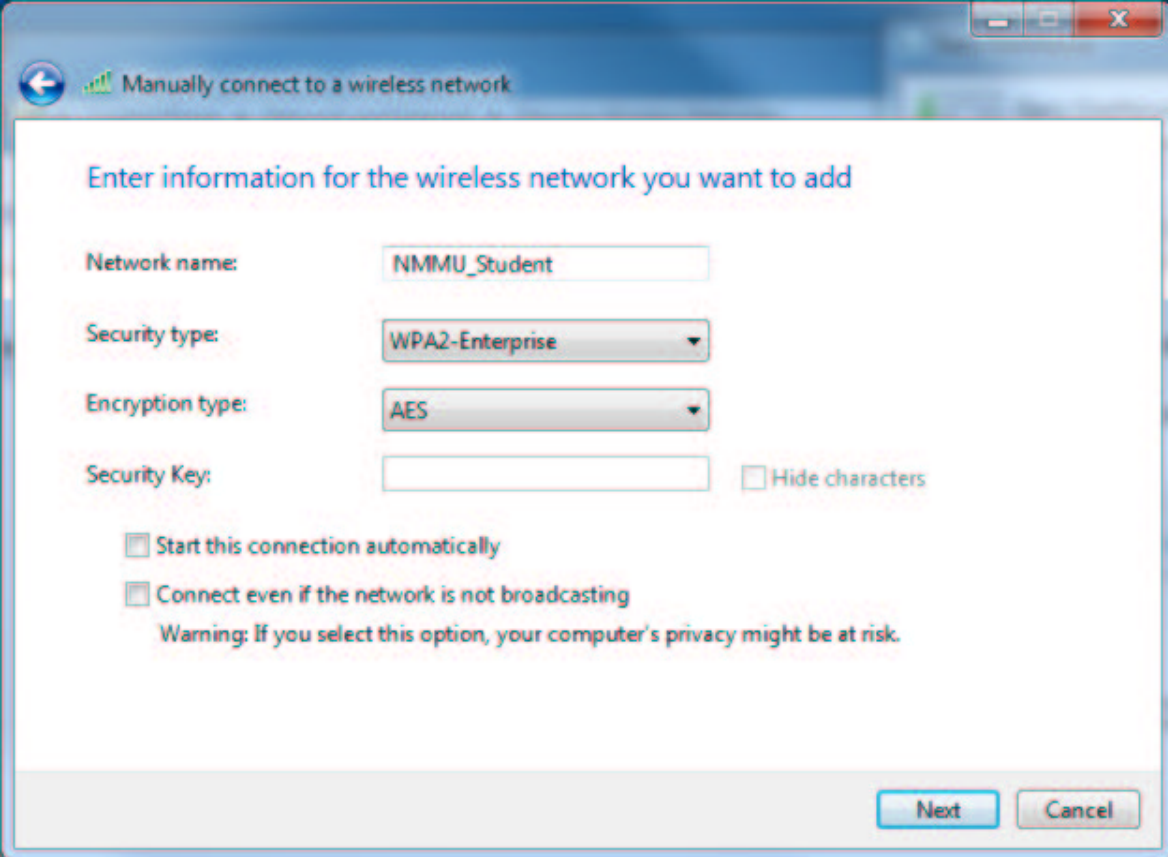**Revision:**   1   **Date:**   3 October 2011

Configuration for Microsoft Windows 7 Enterprise Edition

Manually Creating a Wireless Network Profile

1. Click **Start** -> **Control Panel** -> **Network and Internet** -> **Network and Sharing Centre**.
2. Click on **Manage wireless networks**.
3. Click on the **Add** button.
4. Select **Manually create network profile**.

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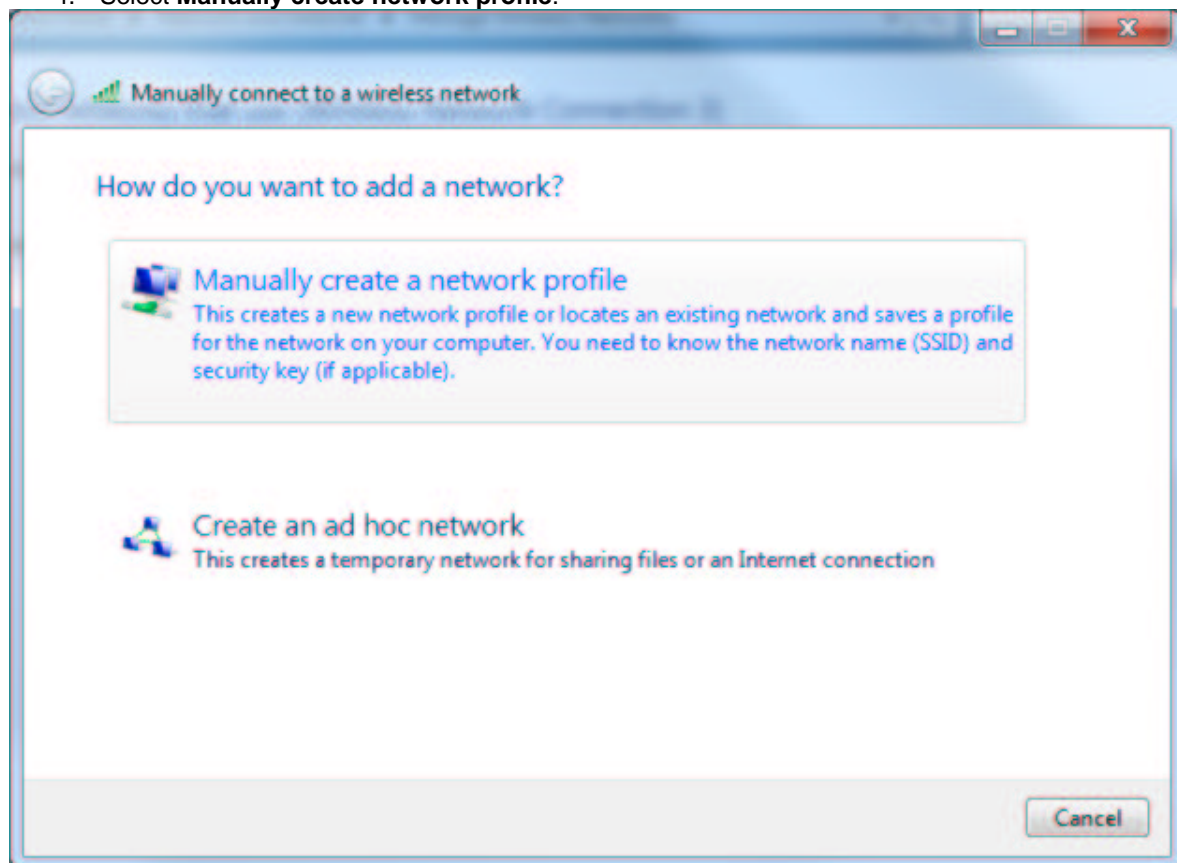
5. Enter the network name e.g. **NMMU_Staff**, **NMMU_Student**, **eduroam** (this name is cAsE sEnSiTiVe!), select **WPA2-Enterprise** as security type, and select **AES** as encryption type. **Start this connection automatically** should be *unticked*. Click **Next** to continue.

Manually connect to a wireless network

Enter information for the wireless network you want to add

Network name: NMMU_Student

Security type: WPA2-Enterprise

Encryption type: AES

Security Key: ☐ Hide characters

☐ Start this connection automatically

☐ Connect even if the network is not broadcasting

Warning: If you select this option, your computer's privacy might be at risk.

Next | Cancel

The following limitations apply when setting up/connecting to an NMMU wireless network:
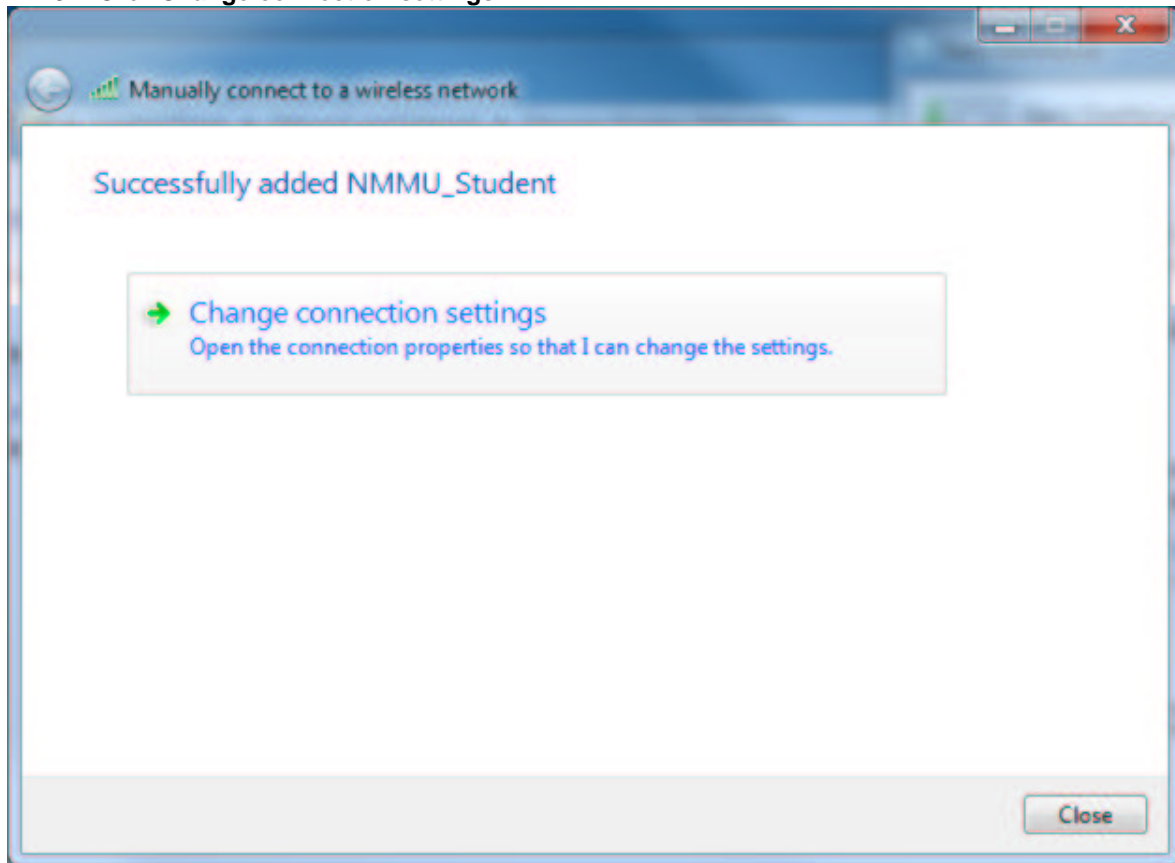
*   **NMMU_Staff**:   Only NMMU staff members can connect to this wireless network
*   **NMMU_Student**:   Only NMMU students can connect to this wireless network
*   **eduroam**:   Any NMMU user, or any user from an eduroam affiliated institution, can connect to this wireless network.

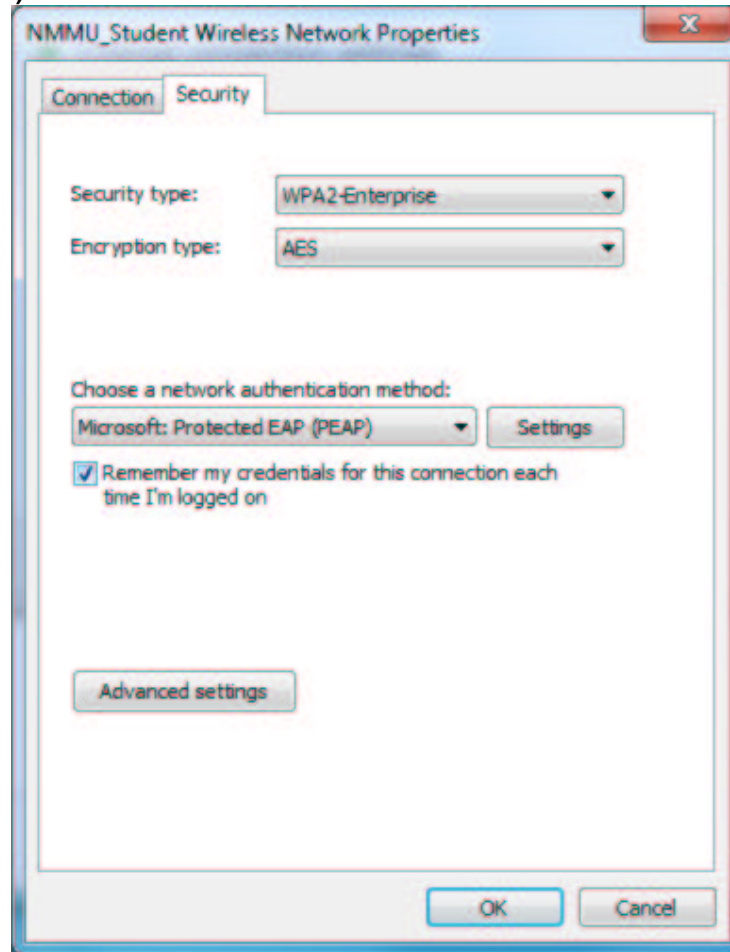When prompted for a username and a password, please use the following format:

*   Username: username@nmmu.ac.za (e.g.s222212345@nmmu.ac.za or user123@nmmu.ac.za)
*   Password: Your "normal" NMMU domain password.

The abovementioned username **is not** necessarily your e-mail address. It is merely the format required to identify you as an NMMU registered user and is used for authentication purposes only.
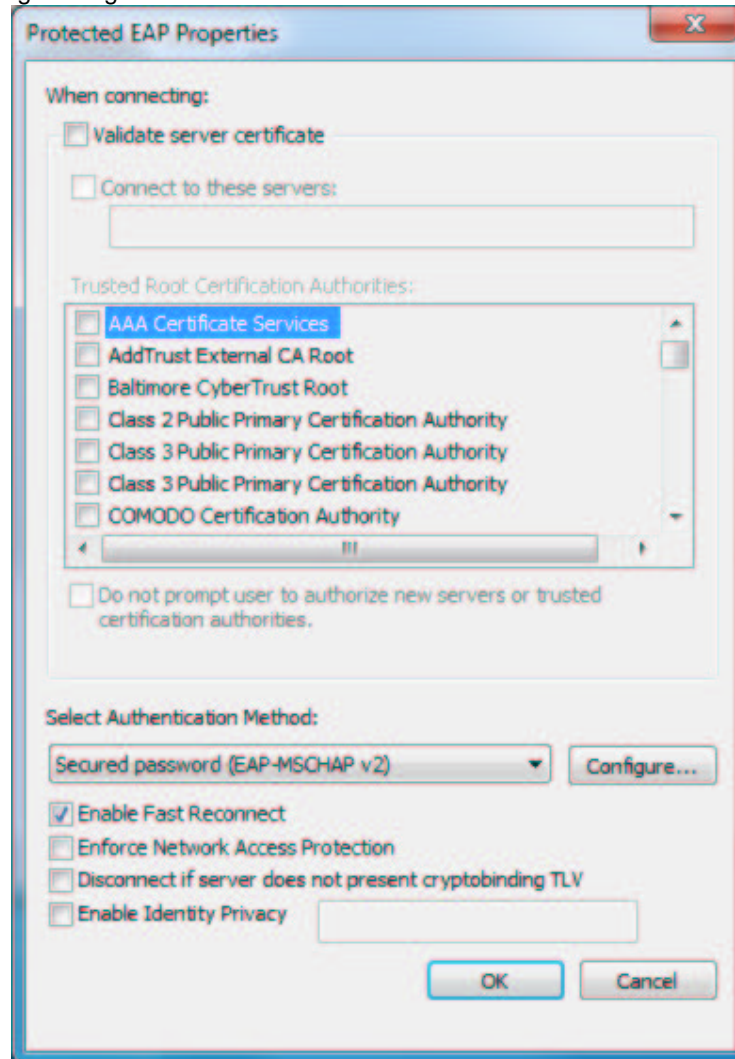
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6. Click **Change connection settings**.

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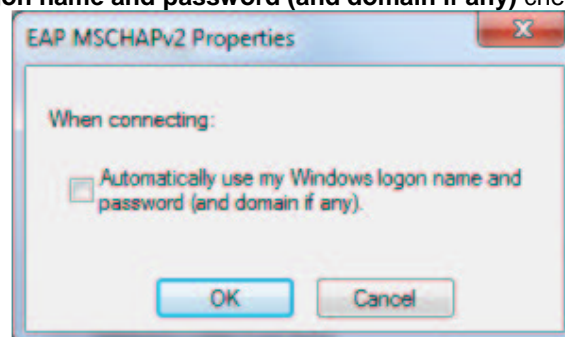P.O. Box 77000, Port Elizabeth, 6031

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7. Click on the **Security** tab, and then click on the **Settings** button next to **Microsoft: Protected EAP (PEAP)**.

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8. Ensure that the **Validate server certificate** checkbox is *unticked*, and click **OK** to close the PEAP settings dialog.

9. Optional: If your PC is part of the NMMU domain, your Windows logon name and password will be used by default for authentication. <u>If you do not want to use these credentials</u>, click on the **Configure** button next to **Secured password (EAP-MSCHAP v2)**, and *untick* the **Automatically use my Windows logon name and password (and domain if any)** check box.

Click **OK** to close the EAP MSCHAPv2 Properties dialog.

10. Click **OK** again to close the Wireless Network Properties.
11. Click **Close** to finish the wireless network setup.

If you have followed these steps, and you still have problems, please call the ICT Services Helpdesk at ext. **3000** (Mon – Fri, 07:30 – 16:30).