

# Network.GetWiFiNetworks

<b>Method</b>	<b>GetWiFiNetworks</b>
<b>Module</b>	Network
<b>Library</b>	Core
<b>Action</b>	Returns a list of visible WiFi networks.
<b>Parameters</b>	<code>Scan</code> (boolean): If <code>true</code> , perform a WiFi network scan on each adapter; if <code>false</code> , results are returned from the operating system cache.
<b>Return values</b>	<p><code>Succeeded</code> (boolean): Indicates whether the action succeeded. <code>true</code> indicates success, <code>false</code> indicates failure.</p> <p><code>Adapter</code> (string): The name of the WiFi network adapter to which this network is visible.</p> <p><code>SSID</code> (string): The Service Set Identifier (SSID) of the network, or empty if the network is hidden.</p> <p><code>Authentication</code> (string): The default authentication mechanism supported by the network.</p> <p><code>Encryption</code> (string): The default encryption mechanism supported by the network.</p> <p><code>IsSecure</code> (boolean): True if the WiFi network is secure; false if the network is open.</p> <p><code>IsHidden</code> (boolean): True if the WiFi network is not broadcasting a public SSID.</p> <p><code>IsConnected</code> (boolean): True if the corresponding adapter is presently connected to this network.</p> <p><code>Signal</code> (integer): Quality of the WiFi signal; from 0 to 100 (worst to best).</p>
<b>Example</b>	<pre>Network.GetWiFiNetworks(Scan: true);</pre>
<b>Platforms</b>	<ul style="list-style-type: none"><li>Windows</li></ul>
<b>Notes</b>	<p>Available from v5.2.</p> <p>Calling this method with <code>false</code> for the <code>Scan</code> parameter will not trigger the network list to be refreshed; it will instead be fetched from the operating system's cache.</p> <p>Calling this method with <code>true</code> for the <code>Scan</code> parameter <u>will</u> trigger a WiFi network refresh on all enabled WiFi adapters. This process takes approximately 5 seconds to locate WiFi networks.</p> <p>If multiple WiFi network adapters are present, it is likely that they will each see a similar list of networks. This method will show each network as seen by each network adapter.</p>