

# Machine Authentication not working with wireless clients and IAS

---

*Source:*

<http://www.tech-archive.net/Archive/Internet/microsoft.public.internet.radius/2007-02/msg00013.html>

---

- *From:* Jeremy <Jeremy@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
  - *Date:* Fri, 2 Feb 2007 14:36:01 -0800
- 

Good Day,

Hopefully someone can help me with this, as it's driving me crazy. My test scenario is this:

Windows XP SP2 PC connecting to a wireless network provided by our Aruba network controller, which communicates with an IAS server via Radius. The IAS server is also a domain controller in our Windows 2003 domain, the same domain that the PC is a member of.

Wireless settings are WPA/TKIP, with PEAP for authentication. We also have a PKI infrastructure and a certificate assigned to, and installed on, the IAS server. The same root is trusted on the PC.

With all this setup, I can log in to the PC and authenticate perfectly, via the user account. However, as soon as I log out I receive event log errors about the Machine account not working, as such:

```
User host/houitlpwptest.corpprep.avzprep.net was denied access.
Fully-Qualified-User-Name = CORPPREP\HOUTLPWPATEST$
NAS-IP-Address = 192.168.10.249
NAS-Identifier = <not present>
Called-Station-Identifier = 000B86029500
Calling-Station-Identifier = 00054E4BD816
Client-Friendly-Name = Aruba
Client-IP-Address = 192.168.10.249
NAS-Port-Type = Wireless - IEEE 802.11
NAS-Port = 0
Proxy-Policy-Name = Use Windows authentication for all users
Authentication-Provider = Windows
Authentication-Server = <undetermined>
Policy-Name = <undetermined>
Authentication-Type = MS-CHAPv2
EAP-Type = <undetermined>
Reason-Code = 16
Reason = Authentication was not successful because an unknown user name or
```

## Machine Authentication not working with wireless clients and IAS

incorrect password was used.

I've turned on IAS logging, and the following entry appears in the IASSAM.log file:

```
[752] 02-02 16:08:08:948: NT-SAM Names handler received request with user
identity host/houitlpwpatetest.corpprep.avzprep.net.
[752] 02-02 16:08:08:964: Successfully cracked username.
[752] 02-02 16:08:08:964: SAM-Account-Name is "CORPPREP\HOUITLPWPATEST$".
[752] 02-02 16:08:08:964: NT-SAM Authentication handler received request for
CORPPREP\HOUITLPWPATEST$.
[752] 02-02 16:08:08:964: Processing MS-CHAP v2 authentication.
[752] 02-02 16:08:08:964: LogonUser failed: The account used is a computer
account. Use your global user account or local user account to access this
server.
```

And that's pretty much where I'm stuck. I think I included everything I know so far, if there's anything that I've left out or was unclear about, please let me know. Thanks in advance!

Jeremy

.