

## Re: Authenticate and Billing.

**Source:** <http://www.tech-archive.net/Archive/Internet/microsoft.public.internet.radius/2005-03/0077.html>

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**From:** FenderAxe ([fa\\_at\\_axe.com](mailto:fa_at_axe.com))

**Date:** 03/09/05

Date: 9 Mar 2005 07:05:47 GMT

"Thomas K" <[thomas@kuborn.be](mailto:thomas@kuborn.be)> wrote in  
news:422cb4fd\$0\$44062\$5fc3050@dreader2.news.tiscali.nl:

> *Hey,*

>

> *How you correlate authentication events (who? / when?) & accounting*  
> *events (how much?)*

>

> */T*

>

> *"Mark Gamache" <[mark.gamache@css-security.com.nospam](mailto:mark.gamache@css-security.com.nospam)> wrote in message*  
> *news:#O7eNh0IFHA.3916@TK2MSFTNGP14.phx.gbl...*

>> *IAS logs are pretty easy to parse for billing related data. Your NAS*  
>> *type defines just what data and how much is returned. Most NASs will*  
>> *return*

> *data*

>> *related to bytes in and out. The authentication process will*  
>> *generate who and when data.*

>>

>> *Cheers,*

>>

>>

>> *--*

>> *Mark Gamache*

>> *Certified Security Solutions*

>> *<http://www.css-security.com>*

>>

>>

>>

>> *"Herman" <[herman\\_d@hotmail.com](mailto:herman_d@hotmail.com)> wrote in message*

>> *news:522a01c522f4\$87310af0\$a401280a@phx.gbl...*

>> > *Dear All,*

>> >

>> > *Does IAS can be used for Hotspot Billing ?*

>> > *How do I manage user account ?*

>> > *And also their billing management ?*

>>

>>  
>  
>

You can find all the logging info you need in this whitepaper: Deploying SQL Server Logging with Windows Server 2003 Internet Authentication Service (IAS)

<http://www.microsoft.com/downloads/details.aspx?FamilyId=6E4357F7-4070-4902-95F1-3AD411D963B2&displaylang=en>

The info is the same no matter what logging format you choose, far's I know.

>From that paper:

Required database fields for session correlation

When you create the fields in the tables of your MSDE 2000 and SQL Server databases, you must provide all fields that allow applications to query the database, correlate related fields, and return a cohesive view of each session in the query results. This is called session correlation. At a minimum, to provide session correlation, you must log the following IAS accounting data in the MSDE 2000 and SQL Server 2000 databases:

- " NAS-IP-Address
- " NAS-Identifier (You need both NAS-IP-Address and NAS-Identifier because the network access server, or NAS, can send one or the other.)
- " Class
- " Acct-Session-Id
- " Acct-Multi-Session-Id
- " Packet-Type
- " Acct-Status-Type
- " Acct-Interim-Interval
- " NAS-Port
- " Event-Timestamp

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