

# HRAC RFP Submission: Outstanding Issues

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Title	<b>Resource Identifier Structure</b>
ID	9
Should be addressed in	Initial
Description	What syntax and semantics should the resource identifier have?
Date Issued	8/10/98
Depends on Issues	8
Pointed by	Carol Burt
Related Refs	[hrac resources] thread in the submission team mail list + minutes from July 30 meeting

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Title	<b>Resource Security Metadata</b>
ID	8
Should be addressed in	Initial
Description	<p>I can see the following 3 ways to obtain resource security metadata (I use words "metadata" and "data" to mean the same type of data unless specified otherwise):</p> <ol style="list-style-type: none"><li>1. Pass only resource id to the ADO. In order to obtain the data the ADO is supposed to go elsewhere and use resource id to find the data.</li><li>2. Pass only resource id to the ADO and use it as a carrier of the data. Where as,<ol style="list-style-type: none"><li>a. data syntax and semantics of the data are predefined and assumed.</li><li>b. data syntax is not assumed. Data is represented by parsable tag-like structures. Semantics of data is predefined elsewhere.</li><li>c. syntax and semantics of data are defined elsewhere and a reference to those definitions is passed along the data itself.</li></ol></li></ol> <p>Each way has pros and cons. What one (or more than one) should be used in this submission?</p>
Date Issued	8/10/98
Depends on Issues	No dependencies
Pointed by	Konstantin Beznosov
Related Refs	[hrac resources] thread in the mail list of the submitting team

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Title **Consistent Terminology**

ID 7  
Should be addressed in Initial  
Description Can we define some consistent Terminology?  
Date Issued 8/10/98  
Depends on Issues No dependencies  
Pointed by Carol Burt  
Related Refs msg00039.html

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Title **Access Control**

ID 1  
Should be addressed in Initial  
Description 1. What is the model/mechanism?  
2. Is the model/mechanism fixed or extensible? If extensible, how so?  
3. Does the rules of the model/mechanism use resource content as security metadata?  
Date Issued 8/10/98  
Depends on Issues 8, 9  
Pointed by John Barkley  
Related Refs

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Title **Quality of Protection as an authorization decision factor**

ID 6  
Should be addressed in Revised  
Description Should current quality of protection policy information in ADO client be used as a factor in authorization decisions as principal credentials are?  
Date Issued 8/10/98  
Depends on Issues No dependencies  
Pointed by Konstantin Beznosov  
Related Refs msg00055.html -- msg00057.html

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Title **Locality constrainness of ADO**

ID 5

Should be addressed in Revised

Description Should an Access Decision Object to be locality constrained?

Date Issued 8/10/98

Depends on Issues No dependencies

Pointed by Konstantin Beznosov

Related Refs

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Title **exception(s) raised by  
multiple action access allowed() method in**

ID 4

Should be addressed in Final

Description From her message: "Should access decision methods throw exceptions at all... an audit log should have this info... but not the client... seems it should be a binary decision."  
Derived from a conference call discussion:  
How would a programmer use an exception returned by  
multiple\_action\_access\_allowed() method?  
Is not it better return any problem indications in the returned sequence instead of raising an exception?

Date Issued 8/10/98

Depends on Issues 2

Pointed by Carol Burt

Related Refs

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Title	<b>ADO interfaces Exceptions</b>
ID	2
Should be addressed in	Final
Description	<p>What exceptions should be raised by ADO's methods? Should it be the matter of a policy whether ADO raises an exception when something goes wrong or silently denies access to a resource? Three possible directions are identified:</p> <ol style="list-style-type: none"><li>1. Methods raise no exceptions</li><li>2. Methods raise exceptions<ol style="list-style-type: none"><li>a. Methods raise only system exceptions (like NO_PERMISSION, BAD_PARAM, NOT_IMPLEMENT)</li><li>b. Methods raise system and application exceptions,</li></ol></li></ol>
Date Issued	8/11/98
Depends on Issues	
Pointed by	Konstantin Beznosov
Related Refs	mail list archive messages # msg00040.html, msg00054.html