

Below the principal behavioral constraints of the RESTsec abac meta-model are listed.

ABAC Concept	Nr.	Behavioral Constraint.
<i>AuthorizationSubject</i>	1	There must be exactly one <i>AuthorizationSubject</i> element.
<i>AuthorizableResource</i>	1	There can be no more <i>AuthorizableResource</i> elements than the number of <i>Resource</i> elements of the REST model.
	2	The set of available Attribute Categories for the Condition Attributes of any <i>ResourceAccessRule</i> of an <i>AuthorizableResource</i> element should include the PARENT_RESOURCE category if and only if the referenced REST model Resource element is <i>related resource</i> of another one.
	3	The set of available Attribute Categories for the Condition Attributes of any <i>ResourceAccessRule</i> of an <i>AuthorizableResource</i> element should include the CHILD_RESOURCE category if and only if the referenced REST model Resource element has at least one <i>related resource</i> .
<i>ResourceAccessRule</i>	1	The set of <i>AllowedAction</i> elements of a <i>ResourceAccessRule</i> may reference at most one POST <i>CRUDActivity</i> , at most one GET <i>CRUDActivity</i> , at most one PUT <i>CRUDActivity</i> and/or at most one DELETE <i>CRUDActivity</i> of the underlying REST model.
	2	The set of available Attribute Categories for the Condition Attributes of a <i>ResourceAccessRule</i> element should include the INCLUDED_RESOURCE category if and only if the <i>ResourceAccessRule</i> element has a POST and/or PUT <i>AllowedAction</i> .
Condition	1	The set of available Operators for a Condition should include the GREATER_THAN, LESS_THAN, GREATER_THAN_OR_EQUAL, LESS_THAN_OR_EQUAL Operators if and only if the left side operand Attribute is numerical and not a list.
	2	The set of available Operators for a Condition should include the SUBSET, NOT_SUBSET, SET_CONTAINS, SET_NOT_CONTAINS Operators if and only if the left side operand Attribute is a list.