

- Open Vulnerability and Assessment Language - Element Dictionary

- Schema: MacOS System Characteristics
- Version: 5.0 release candidate 3
- Release Date: 26 May 2006

The following is a description of the elements, types, and attributes that compose the MacOS specific system characteristic items found in Open Vulnerability and Assessment Language (OVAL). Each item is an extension of the standard test element defined in the Core Definition Schema. Through extension, each test inherits a set of elements and attributes that are shared amongst all OVAL tests. Each test is described in detail and should provide the information necessary to understand what each element and attribute represents. This document is intended for developers and assumes some familiarity with XML. A high level description of the interaction between the different tests and their relationship to the Core Definition Schema is not outlined here.

The MacOS System Characteristics Schema was initially developed by The Center for Internet Security. Many thanks to their contributions to OVAL and the security community.

The OVAL Schema is maintained by The Mitre Corporation and developed by the public OVAL Community. For more information, including how to get involved in the project and how to submit change requests, please visit the OVAL website at <http://oval.mitre.org>.

< accountinfo_item >

This item stores sser account information (username, uid, gid, etc.).

Child Elements	Type	MinOccurs	MaxOccurs
username	oval-sc:EntityItemStringType	0	1
password	oval-sc:EntityItemStringType	0	1
uid	oval-sc:EntityItemIntType	0	1
gid	oval-sc:EntityItemIntType	0	1
realname	oval-sc:EntityItemStringType	0	1
home_dir	oval-sc:EntityItemStringType	0	1
login_shell	oval-sc:EntityItemStringType	0	1

< inetlisteningserver_item >

An inet listening server item stores the results of checking for network servers currently active on a system.

Child Elements	Type	MinOccurs	MaxOccurs
program_name	oval-sc:EntityItemStringType	0	1
local_address	oval-sc:EntityItemStringType	0	1
local_full_address	oval-sc:EntityItemStringType	0	1
local_port	oval-sc:EntityItemStringType	0	1
foreign_address	oval-sc:EntityItemStringType	0	1
foreign_full_address	oval-sc:EntityItemStringType	0	1
foreign_port	oval-sc:EntityItemStringType	0	1
pid	oval-sc:EntityItemIntType	0	1
protocol	oval-sc:EntityItemStringType	0	1
user_id	oval-sc:EntityItemStringType	0	1

< nvrām_item >

Output of 'nvrām -p'

Child Elements	Type	MinOccurs	MaxOccurs
nvrām_var	oval-sc:EntityItemStringType	0	1
nvrām_value	oval-sc:EntityItemStringType	0	1

< pwpolicy_item >

Output of 'pwpolicy -getpolicy'

Child Elements	Type	MinOccurs	MaxOccurs
username	oval-sc:EntityItemStringType	0	1
userpass	oval-sc:EntityItemStringType	0	1
directory_node	oval-sc:EntityItemStringType	0	1
maxChars	oval-sc:EntityItemIntType	0	1

maxFailedLoginAttempts	oval-sc:EntityItemIntType	0	1
minChars	oval-sc:EntityItemIntType	0	1
passwordCannotBeName	oval-sc:EntityItemBoolType	0	1
requiresAlpha	oval-sc:EntityItemBoolType	0	1
requiresNumeric	oval-sc:EntityItemBoolType	0	1