- Open Vulnerability and Assessment Language - Element Dictionary

- Schema: HP-UX Definition
- Version: 5.2
- Release Date: 31 January 2007

The following is a description of the elements, types, and attributes that compose the HP-UX specific tests found in Open Vulnerability and Assessment Language (OVAL). Each test 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 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.

< getconf_test >

From /usr/bin/getconf. See getconf manpage for specific fields

Child Elements	Type	MinOccurs	MaxOccurs
object	oval-def:ObjectRefType	1	1
state	oval-def:StateRefType	0	1

< getconf_object >

Child Elements	Type	MinOccurs	MaxOccurs
parameter_name	oval-def:EntityObjectStringType	1	1
pathname	oval-def:EntityObjectStringType	1	1

< getconf_state >

Child Elements	Type	MinOccurs	MaxOccurs
parameter_name	oval-def:EntityStateStringType	0	1
pathname	oval-def:EntityStateStringType	0	1
output	oval-def:EntityStateStringType	0	1

< patch_test >

From /usr/sbin/swlist -l patch PHxx_yyyyy. See swlist manpage for specific fields

Child Elements	Type	MinOccurs	MaxOccurs
object	oval-def:ObjectRefType	1	1
state	oval-def:StateRefType	0	1

< patch_object >

Child Elements	Type	MinOccurs	MaxOccurs
patch_name	oval-def:EntityObjectStringType	1	1

< patch_state >

Child Elements	Type	MinOccurs	MaxOccurs
patch_name	oval-def:EntityStateStringType	0	1
swtype	oval-def:EntityStateStringType	0	1
area_patched	oval-def:EntityStateStringType	0	1
patch_base	oval-def:EntityStateStringType	0	1

< swlist_test >

Output of /usr/sbin/swlist command. Note: A quick way to check for the installation of a specific fileset is to use the command 'swlist -a version -l fileset filesetname'. See manpage for swlist for explanation of additional command options.

Child Elements	Type	MinOccurs	MaxOccurs
object	oval-def:ObjectRefType	1	1
state	oval-def:StateRefType	0	1

< swlist_object >

Child Elements	Type	MinOccurs	MaxOccurs
swlist	oval-def:EntityObjectStringType	1	1

< swlist_state >

Child Elements	Type	MinOccurs	MaxOccurs

swlist	oval-def:EntityStateStringType	0	1
bundle	oval-def:EntityStateStringType	0	1
fileset	oval-def:EntityStateStringType	0	1
version	oval-def:EntityStateStringType	0	1
title	oval-def:EntityStateStringType	0	1
vendor	oval-def:EntityStateStringType	0	1

< trusted_test >

This test allows for analysis of account settings in trusted HP-UX installations

Child Elements	Type	MinOccurs	MaxOccurs
object	oval-def:ObjectRefType	1	1
state	oval-def:StateRefType	0	1

< trusted_object >

Child Elements	Type	MinOccurs	MaxOccurs
username	oval-def:EntityObjectStringType	1	1

< trusted_state >

Child Elements	Type	MinOccurs	MaxOccurs
username	oval-def:EntityStateStringType	1	1
uid	oval-def:EntityStateStringType	0	1
password	oval-def:EntityStateStringType	0	1
account_owner	oval-def:EntityStateStringType	0	1
boot_auth	oval-def:EntityStateStringType	0	1
audit_id	oval-def:EntityStateStringType	0	1
audit_flag	oval-def:EntityStateStringType	0	1
pw_change_min	oval-def:EntityStateStringType	0	1
pw_max_size	oval-def:EntityStateStringType	0	1
pw_expiration	oval-def:EntityStateStringType	0	1
pw_life	oval-def:EntityStateStringType	0	1
pw_change_s	oval-def:EntityStateStringType	0	1
pw_change_u	oval-def:EntityStateStringType	0	1

acct_expire	oval-def:EntityStateStringType	0	1
max_llogin	oval-def:EntityStateStringType	0	1
exp_warning	oval-def:EntityStateStringType	0	1
usr_chg_pw	oval-def:EntityStateStringType	0	1
gen_pw	oval-def:EntityStateStringType	0	1
pw_restrict	oval-def:EntityStateStringType	0	1
pw_null	oval-def:EntityStateStringType	0	1
pw_gen_char	oval-def:EntityStateStringType	0	1
pw_gen_let	oval-def:EntityStateStringType	0	1
login_time	oval-def:EntityStateStringType	0	1
pw_changer	oval-def:EntityStateStringType	0	1
login_time_s	oval-def:EntityStateStringType	0	1
login_time_u	oval-def:EntityStateStringType	0	1
login_tty_s	oval-def:EntityStateStringType	0	1
login_tty_u	oval-def:EntityStateStringType	0	1
num_u_logins	oval-def:EntityStateStringType	0	1
max_u_logins	oval-def:EntityStateStringType	0	1
lock_flag	oval-def:EntityStateStringType	0	1