

- Open Vulnerability and Assessment Language - Element Dictionary

- Schema: Linux System Characteristics
- Version: 5.1
- Release Date: 6 November 2006

The following is a description of the elements, types, and attributes that compose the Linux specific system characteristic items found in Open Vulnerability and Assessment Language (OVAL). Each item is an extension of the standard item element defined in the Core System Characteristic Schema. Through extension, each item inherits a set of elements and attributes that are shared amongst all OVAL Items. Each item 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 System Characteristic 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>.

< dpkginfo_item >

This item stores DPKG package info.

Child Elements	Type	MinOccurs	MaxOccurs
name	oval-sc:EntityItemStringType	0	1
arch	oval-sc:EntityItemStringType	0	1
epoch	oval-sc:EntityItemStringType	0	1
release	oval-sc:EntityItemStringType	0	1
version	oval-sc:EntityItemStringType	0	1
evr	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. It holds information pertaining to a specific protocol-address-port combination.

Child Elements	Type	MinOccurs	MaxOccurs

protocol	oval-sc:EntityItemStringType	0	1
local_address	oval-sc:EntityItemStringType	0	1
local_port	oval-sc:EntityItemStringType	0	1
local_full_address	oval-sc:EntityItemStringType	0	1
program_name	oval-sc:EntityItemStringType	0	1
foreign_address	oval-sc:EntityItemStringType	0	1
foreign_port	oval-sc:EntityItemStringType	0	1
foreign_full_address	oval-sc:EntityItemStringType	0	1
pid	oval-sc:EntityItemIntType	0	1
user_id	oval-sc:EntityItemStringType	0	1

< rpminfo_item >

This item stores rpm info.

Child Elements	Type	MinOccurs	MaxOccurs
name	oval-sc:EntityItemStringType	0	1
arch	oval-sc:EntityItemStringType	0	1
epoch	oval-sc:EntityItemStringType	0	1
release	oval-sc:EntityItemStringType	0	1
version	oval-sc:EntityItemStringType	0	1
evr	oval-sc:EntityItemStringType	0	1
signature_keyid	oval-sc:EntityItemStringType	0	1

< slackwarepkginfo_item >

This item describes info related to Slackware packages. It extends the standard ItemType as defined in the oval-system-characteristics schema and one should refer to the ItemType description for more information.

Child Elements	Type	MinOccurs	MaxOccurs
name	oval-sc:EntityItemStringType	0	1
version	oval-sc:EntityItemStringType	0	1
architecture	oval-sc:EntityItemStringType	0	1

revision	oval-sc:EntityItemStringType	0	1
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