ZENworks Asset Management Database Changes – Version 3.3 to 7.0

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Contents

Introduction

Changes to the ZENworks Asset Management database schema from version 3.3 to version 7.0 were relatively minor in scope. They fall into one of several areas:

- support for virtual machine identification
- additional password qualification parameters
- integration with ZENworks
- miscellaneous changes related to improvements in recognition
- added Notes fields in two tables in the Software Compliance Module

Generally speaking, there are no changes that should effect existing data integrations or custom reports. However, Novell recommends that you review the database changes described below in light of your custom integrations and reports prior to upgrading to ZENworks Asset Management version 7.0.

Here is a summary of the various changes:

Summary of Column Additions

Column Name	Null?	Datatype	Initial Value
NC_CDROM.**DriveLetter**	X	char(1)	(space char)
NC_CPU.**Is64Bit**		Bit	0
NC_CPU.**CoreCount**		Tinyint	1
NC_CPU.**IsHyperThreaded**		Bit	0
NC_EnterpriseOptions.**PwdMinLengthReq**		Bit	0
NC_EnterpriseOptions.**PwdMinLength**		Tinyint	0
NC_EnterpriseOptions.**PwdAlphaNumeric**		Bit	0
NC_EnterpriseOptions.**PwdMixedCase**		Bit	0
NC_EnterpriseOptions.**PwdAging**		Bit	0
NC_EnterpriseOptions.**PwdAgingDays**		Smallint	0
NC_EnterpriseOptions.**PwdNotUserName**		Bit	0
NC_EnterpriseOptions.**LockInactiveUsers**		Bit	0
NC_EnterpriseOptions.**InactiveUserDays**		Smallint	0
NC_NCUser.**LastPasswordChangeDate**		Datetime	Current date
NC_NCUser.**LastLoginDate**	X	Datetime	Null
NC_NetworkDeviceAddress.**Subnet**	X	Varchar(15)	Calculated
NC_Software.**ParentSuiteOID**	X	GUID	Null
NC_VRBSoftware.**Filename**		Varchar(64)	Computed from NC_VRBSoftware. Path
NC_Workstation.**AssetType**		Tinyint	Computed from InventoryType column.
NC_Workstation.**AvailableMemorySlots**	X	Short	Computed by counting # of rows for workstation in NC_MemoryModule where modulesize = 0
NC_Workstation.**VirtualMachineType**		Tinyint	0
NC_Workstation.**ZenWorksAgentId**	X	Varchar(256)	Null

LC_License.**Platform**	X	Varchar(32)	
LC_PurchasedProduct.**Notes**	X	Varchar(255)	
LC_TallyProduct.**Platform**	X	Smallint	
LC_TallyProduct.**Notes**	X	Varchar(255)	

Summary of Column Deletions

None

Summary of Column Changes

None

Summary of Table Additions

One table was added for the virtual machine identification:

NC_VirtualMachine

Schema Poster and Visio Diagrams

The printed ZENworks Asset Management Database Schema poster has not been updated at this time. (All tables continue to be documented in the *ZENworks Asset Management User's Guide*.)

The updated Visio document is available from Novell Technical Support:

ZENworks AM Schema 7.0.vsd

In addition, the Software Compliance Module tables are documented in a separate document, available when the Module is purchased.

Changes for Virtual Machine Identification

One table was added for the new virtual machine identification feature.

NC_LDAPImport

NC_LDAPImport		
PK	LDAPImportOID	uniqueidentifier
U1	LDAPImportName	varchar(50)
FK1,U1	CollDomainOID	uniqueidentifier
FK2,I1	DomFolderOID	uniqueidentifier
	LDAPPassword	varchar(50)
	LDAPLogon	varchar(50)
	LDAPAuthenticationMethod	smallint
	LDAPServerName	varchar(50)
	LDAPPort	numeric(5,0)
	InstanceVer	int