nehta

Clinical Package Validator 2.4 Installation and Configuration Guide

20 May 2016

Approved for external use Document ID: NEHTA-2261:2016

The Clinical Package Validator does not test software against all conformance requirements.

Results from the Clinical Package Validator must not be relied upon to determine software conformity. Vendors must run additional tests on software before declaring software conformance to the My Health Record System Operator.

Refer to the Clinical Package Validator Product Data Sheet for information about the scope of this tool, and the NEHTA Non-Production Disclaimer for appropriate use of the tool.

For further guidance, contact the NEHTA Help Centre on 1300 901 001 or <u>help@nehta.gov.au</u>.

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Acknowledgements

Council of Australian Governments

The National E-Health Transition Authority is jointly funded by the Australian Government and all State and Territory Governments.

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Document information

Key information

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Product version history

Product version	Date	Release comments
2.0	22 August 2014	Major release.
2.1	20 January 2015	Feature and usability enhancements.
2.2	-	Not published.
2.3	17 July 2015	Software enhancements (see release note for details).
2.4	20 May 2016	Software enhancements (see release note for details).

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1 Introduction

1.1 Purpose

This document describes how to install and configure version 2.4 of the Clinical Package Validator ("the Validator").

1.2 Intended audience

This document is intended for:

- Testers who use the Validator to assist them in assessing whether their healthcare software system produces clinical documents that conform to some clinical document specifications, and clinical packages that conform to some clinical package specifications;
- Developers who use the Validator to provide quick feedback during software development; and
- Administrators who need to install the Validator for other users.

The Validator does not test all conformance specifications and you must carefully read the Product Data Sheet for the Validator that indicates what is out of scope.

1.3 Scope

This document describes the system requirements, administrator rights, and supporting software needed for installing the Validator. It also describes how to install and configure the Validator.

2 Before you begin

2.1 Prerequisites

Before installing and configuring the Validator, you must have:

- administrator rights to your PC;
- Windows XP, Windows Vista, Windows 7 or Windows 8.1;
- 2GB minimum memory;
- 4GB recommended memory; and
- 1GB minimum disk space free.

If the following software is not already installed on your computer and your computer does not use Windows 8, it will be automatically installed during the installation of the Validator (Section 3):

- .NET Framework 4.0 or a later version; and
- Microsoft SQL Server Compact 3.5 Service Pack 2 for Windows Desktop.

If your computer uses Windows 8, Microsoft SQL Server will need to be installed manually (Section 3.2).

Version 2.4 of the Validator allows more than one version of the software to operate on the same computer (Section 2.2). It is now no longer necessary for a user to uninstall previous versions of the Validator.

A NASH test certificate must be installed before a user can access template packages in the My Health Record software vendor test (SVT) environment (Section 2.3).

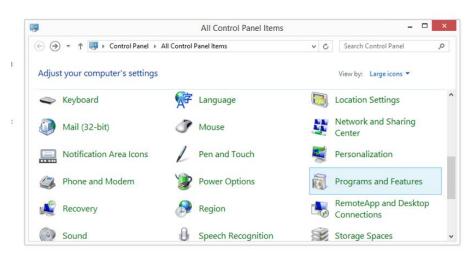
You must also be aware that the Validator runs only a subset of the complete set of tests you must run to validate whether a document is conformant with the clinical document specifications.

2.2 Uninstall an earlier version of the Validator

Version 2.4 of the Validator allows more than one version of the software to operate on the same computer, so there is no need to uninstall earlier versions of the Validator.

Follow the steps below if an earlier version of the Validator is already installed and you want to remove it, otherwise go to Section 2.3.

1 If an earlier version of the Validator is already installed, select **Uninstall a program** from the Windows Control Panel.

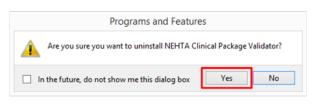


2 Select the version of the Validator to be uninstalled and then select **Uninstall**.

	Programs and Features			-		×
🔄 🄄 🔹 🕆 🛅 « All Cont	rol Panel Items	v C	Search Programs and	Feat	ures	Q
Control Panel Home View installed updates	Uninstall or change a program To uninstall a program, select it from the list and then	click Uni	octall Change or Renair			
P Turn Windows features on or	To dimistan a program, select it norm the list and then	CHCK OTH	instan, enange, or repair			
off	Organize 🕶 Uninstall Change Repair			8	•	•
	Name	Publish	er		Instal	led
	Microsoft Visual C++ 2008 Redistributable - x86 9.0.3	Microso	oft Corporation		15/10	/20
	Microsoft Visual C++ 2013 Redistributable (x64) - 12.0	Microso	oft Corporation		15/10	/20
	Wicrosoft Visual C++ 2013 Redistributable (x86) - 12.0	Microso	oft Corporation		15/10	/20
	NEHTA Clinical Package Validator	Nehta		1	13/04	/20
	VM VMware Tools	VMwar	e, Inc.	10	13/02	/20
	Web Companion	Lavasof	t		20/01	/20
	<					>
	Nehta Product version: 2.4 Help link: ##ID_STRING7##	Sup	port link: http://www.r Size: 381 MB	nehta	.com	

Note: The **Uninstall** option may be selected from the menu, or found by clicking the right mouse button.

3 If the following security screen appears, select **Yes** to allow the Uninstall process to proceed.



4 The uninstall process will continue to completion.

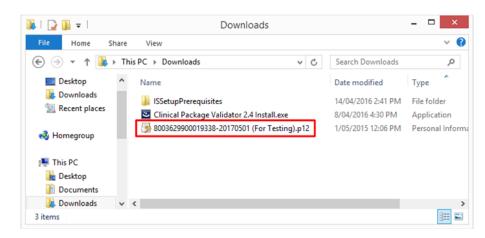
End

2.3 Install a NASH test certificate

As an alternative to importing template packages from the NEHTA website, the Validator allows a user to import some template packages from the My Health Record software vendor test environment, provided a valid NASH organisation test certificate has already been installed.¹

Follow the steps below to install a NASH organisation test certificate, otherwise go to Section 3.

1 Navigate to the folder that contains your NASH test certificates.



Note. If you do not have any NASH organisation test certificates, contact the Department of Human Services Online Technical Support helpdesk: <u>otsliaison@humanservices.gov.au</u>.

¹ The Validator can apply any template package. A template package is something that meets the requirements in the *PCEHR Template Service - Template Package Technical Specification v1.0*, available from: <u>https://www.nehta.gov.au/implementation-resources/national-infrastructure/EP-1514-2012/NEHTA-1042-2012</u>

2 Double-click the relevant certificate to launch the Certificate Import Wizard and select **Next**.

W	elcome to the C	ertificate Im	port Wizar	d
	s wizard helps you copy co from your disk to a certif		te trust lists, and	certificate revocatio
an	ertificate, which is issued contains information use nections. A certificate sto	d to protect data o	r to establish sec	ure network
S	tore Location			
	Current User			
) Local Machine			
То	continue, dick Next.			

3 Select **Next**.

File to Import	
Specify the file you want to import.	
File name: ame\Downloads\8003629900019338-20170501 (For Testing).p12	Browse
	bionactin
Note: More than one certificate can be stored in a single file in the follo	owing formats:
Personal Information Exchange-PKCS #12 (.PFX,.P12)	
Cryptographic Message Syntax Standard-PKCS #7 Certificates (.P7	7B)
Microsoft Serialized Certificate Store (.SST)	

4 Enter the password and select **Next**.

	Private key protection
	To maintain security, the private key was protected with a password.
-	Type the password for the private key.
	Type the password for the private key.
	Password:
	1
	Display Password
	Import options:
	Enable strong private key protection. You will be prompted every time the
	private key is used by an application if you enable this option.
	Mark this key as exportable. This will allow you to back up or transport your keys at a later time.
	✓ Indude all extended properties.

5 Select **Next**.

a certificate store, or you can specify a locatio tificate store based on the type of certificate allowing store	icate stores are system areas where certificates are kept. ows can automatically select a certificate store, or you can specify a location fo strificate.) Automatically select the certificate store based on the type of certificate)Place all certificates in the following store Certificate store: Browse	Certifica	te Store		
tificate store based on the type of certificate allowing store	ertificate.) Automatically select the certificate store based on the type of certificate)Place all certificates in the following store Certificate store:	Cer	tificate stores are system area	s where certificates are kep	ət.
ollowing store	Place all certificates in the following store Certificate store:	Win	dows can automatically select a certificate.	a certificate store, or you ca	an specify a location fo
-	Certificate store:	(Automatically select the cert	tificate store based on the t	type of certificate
Browse		(Place all certificates in the format in t	ollowing store	
Browse	Browse		Certificate store:		
					Browse
					Next

6

Select Finish .	
	Certificate Import Wizard
	Completing the Certificate Import Wizard
	The certificate will be imported after you click Finish.
	You have specified the following settings:
	Certificate Store Selected Automatically determined by the wizard Content PFX
	Content PFX File Name M:\VEHTA Projects\DTS\InstallShield\CPV24.Latest\80036299
	< >
	Finish Cancel

Note: You may need to restart your computer so that the Validator can detect the newly installed NASH test certificate.

End

3 Install the Validator and prerequisite software

3.1 Install version 2.4 of the Validator

This procedure requires that .NET Framework 4.0 (or a later version) and Microsoft SQL Server Compact 3.5 Service Pack 2 for Windows Desktop are installed. If this software is not already installed on your computer and your computer does not use Windows 8, it will be automatically installed during the installation of the Validator. If your computer uses Windows 8, Microsoft SQL Server will need to be installed manually (Section 3.2).

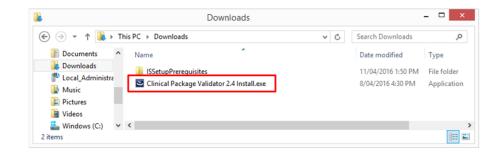
To install the Validator, follow the steps below.

 Locate the Clinical Package Validator 2.4 Install.exe file and the ISSetupPrerequisites folder within the expanded .ZIP file that contained this guide.
 Save the Clinical Package Validator 2.4 Install.exe file and the ISSetupPrerequisites folder to a preferred location on a local drive (e.g. C:\temp).

Note: The Validator installation may not work from a network drive. **Note:** The **Clinical Package Validator 2.4 Install.exe** file and the **ISSetupPrerequisites** folder must be co-located.

Note: The **ISSetupPrerequisites** folder contains prerequisite software that will be installed along with the Validator if the prerequisite software is not already installed on your computer.

2 Open Windows Explorer and navigate to the **Clinical Package Validator 2.4 Install.exe** file. Double-click the file to install the software.



3 **Note:** Windows may mark files downloaded from the Internet as 'Blocked'. This prevents the Validator from running.

To unblock a file, right click on it and select **Properties**, then select **Unblock** in the 'General tab' followed by **OK**.

4 Once the file is unblocked, continue installing the Validator by once again double clicking the **Clinical Package Validator 2.4 Install.exe** file.

5 The InstallShield Wizard will open.

NEHTA Clinical	Package Validator - InstallShield Wizard
	Preparing to Install NEHTA Clinical Package Validator Setup is preparing the InstallShield Wizard, which will guide you through the program setup process. Please wait. Extracting: Clinical Package Validator.msi
	Cancel

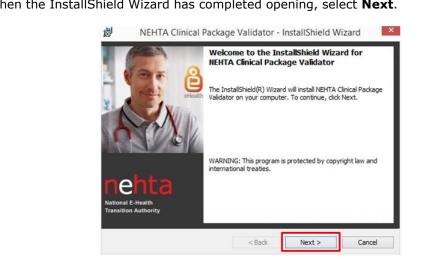
6 The Validator installation script will check for the presence of the prerequisite software. A message is displayed if any prerequisite software needs to be installed. To continue select **Install**.

Status Dan din n	Requirement Microsoft .NET Framework 4.0 Full
	Microsoft SQL CE 3.5 x86
-	Microsoft SQL CE 3.5 x64
	•

7 The prerequisite software will be installed.

	mputer. Click Install to begin installing these requirements.
Status	Requirement
Installing	Microsoft .NET Framework 4.0 Full
Pending	Microsoft SQL CE 3.5 x86
installing M	
unoconning ini	
(nstalling M	icrosoft .NET Framework 4.0 Full

8



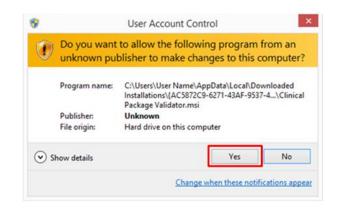
9 The default install location is C:\Nehta\CPV24\. To change the install location, select the **Change** button and choose another location on the C: drive, if preferred. Once the preferred install location is chosen, select Next.

闄	NEHTA Clinical Package Validator - InstallShield Wizard
	tination Folder ck Next to install to this folder, or click Change to install to a different folder.
C	Install NEHTA Clinical Package Validator to: C: Wehta\CPV24\ Change
InstallSł	
	< Back Next > Cancel

10 Select Install.

Ready to Install the	Program		
The wizard is ready to	begin installation.		
If you want to review exit the wizard.	or change any of your insta	llation settings, dick Bac	k. Click Car
Current Settings:			
Setup Type:			
Typical			
Destination Folder:			
C:\Nehta\CPV24\			
User Information:			
Name: User Name	1		
Company: Compa	ny		
I InstallShield			
			_

11 If the following security screen appears, select **Yes** to allow the installation to proceed.



12 The Validator will start installing.

-	NEHTA Clinical Package Validator ram features you selected are being installed.	Cett
1 1	Please wait while the InstallShield Wizard installs NEHTA Clinical Package Validator. This may take several minutes.	
	Status:	
	Copying new files	

13 Once the Validator installation is complete, select **Finish**.



The Validator is now installed.

End

Note: During the installation process the Clinical Package Validator 2.4 installation script will determine whether the prerequisite software is already installed on the computer. If the software is not already installed, the Clinical Package Validator 2.4

installation script will run the additional installation scripts in the **ISSetupPrerequisites** folder to install the prerequisite software.

However, if the operating system is Windows 8, the Clinical Package Validator 2.4 installation script will be unable to detect if Microsoft SQL Server Compact 3.5 Service Pack 2 for Windows Desktop is already installed, and the following message is displayed.

👸 NEH	TA Clinical Package Validator Installer In ×
<u> </u>	SQL Server Compact Edition v3.5 needs to be installed for this installation to continue. This can be found in the ISSetupPrerequisites folders
	OK

If the above message is displayed, go to Section 3.2. If the above message is not displayed, go to Section 4.

3.2 Manually install Microsoft SQL Server Compact 3.5 Service Pack 2 for Windows Desktop

The Microsoft SQL Server Compact 3.5 Service Pack 2 for Windows Desktop is the software used by the Validator to store terminology datasets. If it is not already present on the computer, it is automatically installed by the Validator, unless the operating system is Windows 8 in which case it must be installed manually.

To manually install Microsoft SQL Server, follow the steps below.

- 1 Select the **SSCERuntime_x86-ENU.msi** installation script in the ISSetupPrerequisites\{B1165B38-CA52-11E0-A63D-7C004824019B} folder.
- 2 When the following screen appears, select **Next**.

	Welcome to the Microsoft SQL Server Compact Setup
5	Setup helps you install, repair or remove Microsoft SQL Server Compact. To continue, dick Next.
	WARNING: This program is protected by copyright law and international treaties.
	< Back Next > Cancel

3 If you accept the license agreement terms, select **I accept the terms in the license agreement** and then select **Next**.



4 To install the software select **Install**.

	Microsoft SQL Server Compact 3.5 SP2 ENU
Ready t	to Install the Program
Setup is	is ready to begin installation.
Click In	nstall to begin the installation.
If you yexit Set	want to review or change any of your installation settings, click Back. Click Cancel to tup.
Installatio	on Path
Installatio	on Path
	on Path ram Files (x86)\Microsoft SQL Server Compact Edition\

5 If the following message is displayed select **Yes**.

2		u want to allow are on this com		g program 1	to inst
		Program name: Verified publisher: File origin:	SQL Server Com Microsoft Corp Hard drive on th	oration	
0.	how deta	ile		Yes	N

6	To end the installa	ation proce	ess sele	ect Finish .
		j	Microsof	oft SQL Server Compact 3.5 SP2 ENU
		~	•	Completing the Microsoft SQL Server Compact Setup
				Setup has installed Microsoft SQL Server Compact successfully. Click Finish to exit.
			_	Finish
7	If the computer us to be applied.	ses a 64-b	it oper	rating system, an additional installation script needs
		tes\{B9E5	C848-0	NU.msi installation script in the CA52-11E0-9D02-80004824019B} folder and follow ion process.

End

4 **Configure the Validator**

4.1 Select template packages

The Validator uses template packages to assess whether some clinical documents conform to published specifications. Template packages include schema and Schematron rules.

The Validator needs a template for each type of clinical document that is in scope for the Validator to test and for each level of conformance. As templates are revised, more than one template may exist for a specific clinical document type and conformance level. Testers should use the most recent version of a template unless there is a reason for choosing an earlier version.

The Validator does not test all conformance specifications. Please refer to the Validator Product Data Sheet for further information about exclusions and the Non-Production Disclaimer.

Template packages may be obtained by:

- 1 downloading the template packages from the NEHTA website and importing them into the Validator; or
- 2 importing the template packages from the My Health Record software vendor test environment into the Validator.

For either option, the template package directory on the NEHTA website should be viewed to determine which version of the template packages should be used.

To view the clinical documents template package directory, follow the steps below.

1	Download the template package directory from the <u>NEHTA website²</u> and save a copy. Note: If the webpage for the template package directory states that a newer version is available, download the newest version.
2	Read the `usage instructions' worksheet in the template package directory spreadsheet and determine from the `directory' worksheet the template package identifier and version number to use.
	Note: An 'HPIIRelaxed' template package may only be used to upload documents to the My Health Record system with the permission of the My Health Record System Operator.

End

² <u>https://www.nehta.gov.au/implementation-resources/clinical-documents/EP-2241-2016/NEHTA-2251-2016</u>

4.2 Launch the Validator

1 Launch the Validator by selecting the Windows icon and locate the Clinical Package Validator in the Metro view.



2 A warning message is displayed if the Validator detects that a NASH organisation test certificate has not been installed. To continue select **OK**.

	Add templates	×
4	No local templates were found. Use the Template Manager to add templates from PCEHR	
	ОК	

Note: The Validator may be used without a NASH organisation test certificate if template packages are downloaded from the NEHTA website and imported into the Validator. The recommended approach, however, is to import template packages from the My Health Record software vendor test environment. To install a NASH organisation test certificate, exit the Validator and follow the steps in Section 2.3.

3 There may be a delay of several minutes before the terms and conditions message below is displayed. If you accept these terms and conditions, select **Yes** to continue. If you select **No**, the Validator will close.

The Clinical Package Validator does not test software against all conformance requirements. These tests must not be relied upon to determine software conformity. Vendors must run additional tests on software before declaring software conformance to the PCEHR System Operator. Refer to the Clinical Package Validator Release Note for information about the scope of this tool, and the NEHTA Non-Production Disclaimer for appropriate use of the tool. For further guidance, contact the NEHTA Help Centre on 1300 901 001 or help@nehta.gov.au. Please Click Yes to Accept Terms and Conditions, or No to decline.		
Please Click Yes to Accept Terms and Conditions, or No to decline.	?	conformance requirements. These tests must not be relied upon to determine software conformity. Vendors must run additional tests on software before declaring software conformance to the PCEHR System Operator. Refer to the Clinical Package Validator Release Note for information about the scope of this tool, and the NEHTA Non-Production Disclaimer for appropriate use of the tool. For further guidance, contact the NEHTA Help Centre on 1300 901 001 or
		Please Click Yes to Accept Terms and Conditions, or No to decline.

4 If the following message is displayed, select **OK**.

Add templates ×
No local templates were found. Use the Template Manager to add templates from PCEHR
ок

5 The template manager will now be displayed.

/lanage Templates		
Configuration NASH Test Certificate		
Templates Packages	Local Template Packages	
	Import selected >	
Refresh from SVT	Add From Zip File Delet	te
		Close

To proceed, either import template packages from the My Health Record software vendor test environment (SVT) (Section 4.3) or import template packages downloaded from the NEHTA website (Section 4.4).

End

4.3 Import template packages from the My Health Record SVT

Template packages may be imported from the My Health Record software vendor test (SVT) environment as an alternative to importing them from the NEHTA website (Section 4.4).

Note: A NASH organisation test certificate must first be installed before template packages can be imported from the SVT environment (Section 2.3).

To import template packages from the SVT environment, follow the steps below.

1 Select the **Configuration** menu.

	Clinical Package Validator v2.4
File Configuration Help	
File : Select an input file to v	aldate
Template:	×
Addn Rules: Select additional rules t	template folder for validation
Information	
Configuration and Runti	me Information
Document Type:	Document Type
Temp Path:	
Template Path: Template Package Name:	TemplatePath Template Package Name
Template Package ID:	Template Package ID
Conformance Level:	Conformance Level
Template Effective Date:	
Template Version:	Template Version

2 Select Manage Templates.

1		Clinical Package Validator v2.4
File	Configuration Help	
	Manage Templates	
	Manage Terminology	
	Manage Temporary File Location	
Temp	kate:	~
Addn F	Rules: Select additional rules template folder for validation	`

3 If one or more NASH organisation test certificates have been installed, the available certificates will be displayed in a pull down list. Select the certificate to be used.

nfguration ASH Test Cetificate CN-general 8003629900019338.id electron	ichealth net au. O+MEDTESTORGS	8120, DC+800362990001	9338, DC+id, DC-electronichealth, DC-net, DC-a	u	
mplates Packages			Local Template Packages	_	
		Import selected >			
		Import al >>			
Refresh from SVT			Add From Zip File Delete		

4 To obtain the list of template packages that may be imported from the SVT environment, select **Refresh from SVT**.

	Template Manager	-	• ×
Manage Tem			
	CN-general 800362990019338.id electronichealth net au, 0=MEDTESTORGS8120, DC=8003629900019338, DC-id, DC-electronichealth, DC-enet, DC-au		
Templates Packages	Local Template Packages		
	Import selected > Import advocted >		
Refresh from SVT	Add From Zp File Delete		
			Close

5 An error message is displayed if the SVT environment cannot be contacted. To continue, select **OK** and determine if there is a working connection to the Internet.

1	Message from the PCEHR service is: An error occurred while making the HTTP request to https://b2b.ehealthvendortest.health.gov.au/searchTemplate. This could be due to the fact that the server certificate is not configured properly with HTTP.SYS in the HTTPS case. This could also be caused by mismetic of the server to do not serve the distance the distance of the server.
	a mismatch of the security binding between the client and the server.

6 The list of template packages will be obtained from the SVT.

Templates Packages			Local Template Packages	
	Refreshing	Templates		
Contacting Ser	r.			
		Impot all >>		

End

7 Choose the required template package and select **Import selected.**

Configuration					
NASH Test Cettficate	CN+general.8003629900019338.id electronicheat	hinetiau, O+MEDTESTORGSB1	20, DC+8003629900019	338, DC+id, DC-electronichealth, DC-met, E	K~au
Templates Packages				Local Template Packages	
Beferal 2 (12.36.1) Beferal 3 A (12.36.1) Beferal 3A (12.36.1) Beferal 3A (12.36.1) Beferal 3B (12.36.1) Beferal 3B (12.36.1) Beferal 3B (12.36.1) Event Summary 3A (12.2000) Event Summary 3A (12.2000)	001110051121000159mm 25520 0011005121000159mm 25520 0011005212000159mm 2444 00011005121000159mm 25520 0011005121000159mm 25520 0011005121000229mm 25520 0011005112000229mm 25520 0011005111002139mm 25520 0011005111002139mm 25520 0011005111007139mm 25520 0011005111005111007139mm 25520 0011005111005111007139mm 25520 0011005111005111007139mm 25520 0011005111005111005111007139mm 25520 00110051110051110051110051110051110051 00110051110051110051110051110051110051 00110051110051110051110051110051 00110051110051110051110051 00110051110051110051110051 00110051110051110051110051 00110051110051110051110051 00110051110051110051 00110051110051110051 00110051110051 00110051110051 00110051110051 00110051110051 00110051110051 00110051110051 00110051110051 001100511005		Import selected >		
Refresh from SVT				Add From Zo File Delete	

- Note: An Import all option is also provided.
- 8 Verify that the template package has been imported into the Validator and select **Close**.

Manage Templates Configurate Configurate NAME To Enforce (Degree & EXERCISEDEDEDEDEDEDEDEDEDEDEDEDEDEDEDEDEDEDED	Configure Configure <thconfigure< th=""> <thconfigure< th=""> <thc< th=""><th></th><th>Template Manager</th><th>- • ×</th></thc<></thconfigure<></thconfigure<>		Template Manager	- • ×
e-More 30, 12, 25, 2001 10:00 11:00 11:00 11:00 e-More 30, 12, 25, 2001 10:00 10:00 10:00 e-More 30, 12, 25, 21, 2001 10:00 10:00 10:00 e-More 30, 12, 25, 21, 2001 10:00 10:00 10:00 e-More 30, 12, 25, 21, 2001 10:00 10:00 10:00 e-More 30, 12, 25, 21, 2001 10:00 10:00 10:00 e-More 30, 12, 25, 21, 2001 10:00 10:00 10:00 e-More 30, 12, 25, 21, 2001 10:00 10:00 10:00 e-More 30, 12, 25, 21, 2001 10:00 10:00 10:00 e-More 30, 12, 25, 21, 2001 10:00 10:00 10:00 e-More 30, 12, 25, 21, 2001 10:00 10:00 10:00 e-More 30, 12, 25, 21, 2001 10:00 10:00 10:00 e-More 30, 10, 25, 21, 2001 10:00 10:00 10:00 e-More 30, 10, 25, 21, 2001 10:00 10:00 10:00 e-More 30, 2001 10:00 10:00 10:00 e-More 30, 2001 10:00 10:00 10:00 10:00 10:00 e-More 30, 2001 10:00 10:00 10:00 10:00 10:00 10:00 e-More 30, 2001 10:	enderson 24,12,25,12011002 (2001) trev 140 enderson 24,12,25,12011002 (2001) trev 1200 enderson 24,12,25,12011002 (2001) trev 1200 enderson 24,12,25,12011001 (2012) 22 end formt Samey 14,12,35,12011001 (1012) 22 end formt Samey 24,12,35,12011001 (1012) 21 end formt Samey 24,12,35,1201	Configuration NASH Test Configuration CN-spenaral 8003629900015338.id.electronichealth.net.au. 4 Templates Packages	Local Template Packages	
		- Homa 34 (12.24) 2001 1002 12000 11 Vr 142. - Homa 34 (12.24) 2001 1002 12000 17 Vr 2520 - Homa 37 (12.24) 2001 1002 12000 17 Vr 2520 - Homa 37 (12.24) 2001 1002 12000 17 Vr 2520 - Homa 37 (12.24) 2001 1003 1200 17 Vr 2520 - Homa 37 (12.25) 2001 1003 1200 17 Vr 2520 - Homa 37 (12.25) 2001 1003 1200 17 Vr 2520 - Homa 37 (12.25) 2001 1003 1200 17 Vr 2520 - Homa 37 (12.25) 2001 1003 1200 17 Vr 2520 - Homa 37 (12.25) 2001 1003 1200 17 Vr 2520 - Homa 37 (12.25) 2001 1003 1200 17 Vr 2520 - Homa 37 (12.25) 2001 1003 1200 17 Vr 2520 - Homa 37 (12.25) 2001 1003 1200 17 Vr 2520 - Homa 37 (12.25) 2001 1003 1200 100 11 Vr 27 (12.25) - Homa 37 (12.25) 2001 1003 1200 1003 1200 17 Vr 2520 - Homa 37 (12.25) 2001 1003 1200 100 11 Vr 27 (12.25) - Homa 37 (12.25) 2001 1003 1200 100 11 Vr 27 (12.25) - Homa 37 (12.25) 2001 1003 1200 100 11 Vr 27 (12.25) - Homa 37 (12.25) 2001 1003 1200 100 11 Vr 27 (12.25) - Homa 37 (12.25) 2001 1003 1200 1003 1200 1000 1000 1000		

4.4 Import template packages downloaded from the NEHTA website

Template packages may be downloaded from the NEHTA website and imported into the Validator as an alternative to importing them from the My Health Record software vendor test environment (Section 4.3). To download a template package from the NEHTA website, follow the steps below.

- 1 Download the template package library from the selected clinical document type end product, available from <u>https://www.nehta.gov.au/implementation-resources/clinical-documents</u>.
- 2 Unzip the template package library ZIP file and save the selected template packages to a preferred location.

Note: A template package is in the form of a ZIP file within the template package library. The template packages should *not* be unzipped.

3 To import the downloaded template package, select the **Configuration** menu.

]		Clinical Package Validator v2.4
File Confi	guration Help	
File :	Select an input file to validate	
Template:		~
Addn Rules:	Select additional rules template folder for validation	<u></u>

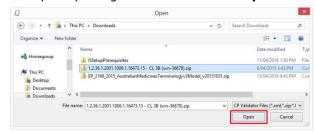
4 Select Manage Templates.

1			Clinical Package Validator v	2.4
File	Configuration	Help		
	Manage T	Templates		
		reminology remporary File Location		-
Temp	olate:		v	
Addn	Rules: Select ad	dditional rules template folder for validation	30	0

5 Select Add From ZIP File.

Manage Templates Ordgrafm Not The Configure Configure	338, DC+id, DC-electonicheath, DC-inet, DC-au	
	Local remplate Packages	
Answer 10 10	Add from 2p File Delide	

6 Navigate to the directory in which the downloaded template package has been stored, locate the required template package ZIP file and select **Open**.



7 Verify that the template package has been imported into the Validator and select **Close**.

4.5 Delete template packages

Template packages imported into the Validator should be deleted if they are no longer needed.

1 To delete a template package from the Validator, select the **Configuration** menu.

]		Clinical Package Validator v
File Conf	guration Help	
File :	Select an input file to validate	
Template:		~
Addn Rules:	Select additional rules template folder for validation	

2 Select Manage Templates.

1			Clinical Package Validator v2.4
File	Configuration	Help	
	Manage T	Templates	
		ferminology femporary File Location	2
Temp	late:		~ ~
Addn i	Rules: Select ad	dditional rules template folder for validation	n 🗅

3 Choose the template package to be deleted and select **Delete**.

Manage Template Universe Missi Tem Conferent Objection 2000/03/30/24 destandardin via als, CMUDISTOROGADID, DC-4000/24000/03/20/24 destandardin via als, CMUDISTOROGADID, DC-4000/24000/03/22 destandardin via als, CMUDISTOROGADID, DC-4000/24000/03/24 destandardin via als, CMUDISTOROGADID, DC-4000/24000/03/24 destandardin via als, CMUDISTOROGADID, DC-4000/24000/04/24 destandardin via als, CMUDISTOROGADID, DC-400/2400/24000/24000/24000/24000/2400/24000/2400/24000/2400/
microsoft all 12 32 13 13 13 13 13 13 13 13 13 13 13 13 13

4.6 Configure clinical terminology datasets

The Validator provides limited testing of terminology. Refer to the Product Data Sheet for what is out of scope.

The Validator is preloaded with clinical terminology datasets. As clinical terminology is frequently revised, resulting in new versions of clinical terminology datasets being regularly published, the Validator allows an administrator or user to upload new versions of the terminology datasets listed in Table 1.

Version 2.4 of the Validator allows a user to import AMT v3, combined SNOMED CT-AU/AMT v3, and PBS clinical terminology datasets in ZIP format.

Code system name	Code system identifier
Australian Medicines Terminology (AMT) version 3	2.16.840.1.113883.6.96
PBS Item codes	1.2.36.1.2001.1005.22
PBS Manufacturer codes	1.2.36.1.2001.1005.23
Systematized Nomenclature of Medicine - Clinical Terms Australian Release (SNOMED CT-AU)	2.16.840.1.113883.6.96

Table 1 - Code systems the user can import into the Validator

4.6.1 **Determine which terminology datasets are loaded**

1 To determine which versions of terminology datasets are already present in the Validator database, select the **Configuration** menu.

]	Clinical Package Validator v2.4
File Configuration Help	
File : Select an input file to validate	5
Template:	✓
Addn Rules: Select additional rules template folder for val	idation 🗀

2 Select Manage Terminology.

		Clinical Package Validator	v2.4
Ele	Configuration Help		
	Manage Templates		
	Manage Terminology		
	Manage Temporary File Location		
Temp	olate:	×	
Addn	Rules: Select additional rules template folder f	or validation	

3 Select **Refresh**.

erminology Management					
eminology DB File: Terminology DB.scf 373MB eminology Loaded	Refresh	NB: Select the root folder in RF2Release for SNOMED SNOMED/AMT v3' now o	ther unzippin IAMT. From rily supports	p the termin Dec 2015 SP this format.	slogy package. The subfolder should be called NOMED and AMT come in one file. The 'Load AMT v2 is no longer supported.
		Load SNOMED(AMT v3:	Folder	Zp	
		Loed AMT V2:	Folder	Zp	
		Load PBSr	Folder	20	
		For SNOMED(AMT data For PBS data visit this we PBS XML Bis (21P)			https://www.ahts.cov.au/mpierrestation-resources/ehealth/ http://www.ahts.cov.au/https://sinibadd
Remove old dataset		Compress DB			

4 A list of terminology datasets and their versions will be displayed.

Te	rminology			×
Terminology Management Inforder ad Rurline Terminolog 08 File: Terminology 08 cdf 273MB Rateath	NB: Select the root folder RF2Release for SNOMED SNOMED/ANT v3 now r	after unsippin (AMT, From mly supports	g the termin Dec 2015 SI this format.	ology package. The subfolder should be called NOMED and ANT come in one file. The Laad ANT v2 is no longer supported.
Anando Madorea Terrindroy (MRT), 286 Anando Madorea Terrindroy (MRT), 286 Anando Medicas El Color, 2018/001 Anando MES Color, 2018/001 SUCCAS C F.A.L. Angulammed influet/305003100003637+vessor/20184131	Load SNOMED(AMT v3) Load AMT V3; Load PBS;	Folder Folder Folder	2p 2p 2p	
	For SNOMED(AMT data For P85 data visit this we P85 XML file (21P)			teon (ava. akta oor ay inglementation-eeu raajahaattido. Istooliinun ahaatu oor automonikkunikada
Remove old dansest	Compress DB			
				Close

- AMT version 3 uses the version number format 'http://snomed.info/sct/900062011000036108 /version/YYYYMMDD' where 'YYYYMMDD' is the date of release of a specific AMT version 3 dataset (e.g. 'http://snomed.info/sct/900062011000036108/version/20140630').
- PBS uses the version number format 'YYYYMMDD' where 'YYYYMMDD' is the date of release of a specific PBS dataset (e.g. '20141130').
- SNOMED CT-AU uses the version number format 'http://snomed.info/sct/32506021000036107/version/YYYYMMDD' where 'YYYYMMDD' is the date of release of a specific SNOMED CT-AU dataset (e.g. 'http://snomed.info/sct/32506021000036107/version/20141130').

Note: PBS Item codes and PBS Manufacturer codes are both included in the PBS dataset.

4.6.2 Find and load another version of the combined SNOMED CT-AU and AMT v3 dataset

1 To obtain and load another version of the combined SNOMED CT-AU and AMT v3 dataset, select the link to the SNOMED CT-AU website. You would do this if your clinical document uses a terminology release that is not one of the versions included in the Validator.

rfiguration and Runtime					
erminology DB File: Terminology/DB.sdf 917MB erminology Loaded:	Refresh	NB: Select the root folder i RF2Release for SNOMED SNOMED/AMT v3' now o	after unzipping AMT. From I inly supports	the termino Dec 2015 SN this format. /	logy package. The subfolder should be called OMED and AMT come in one file. The 'Load AMT v2 is no longer supported.
		Load SNOMED/AMT v3:	Folder	Zip]
		Load AMT V3:	Folder	Zip]
		Load PBS:	Folder	Zip]
		For SNOMED/AMT data	visit this webs	ite	https://www.nehta.gov.au/implementation-resources/v
		For PBS data visit this we PBS XML file (ZIP)	bsite, and sele	ect	http://www.pbs.cov.au/browse/downloads
Remove old dataset		Compress DB	1		

2 Either select **Login** or **Sign Up to download** for the latest version of SNOMED CT-AU, which is presented by default, or select **Combined Release File Release History** to select and download an earlier version. Note that the combined file includes both SNOMED CT-AU and AMT.

n <mark>e</mark> hta	Stay Conne	ected 🛛 🖬 🔰 in	Search Q	Login Register
Home Get started with Digita	l Health Using the M	y Health Record system For	Implementers News and Events	About NEHTA
NEHTA > For Implementers > eHea	th Foundations > Clinica	al Terminology > Combined Rele	ase File	
For Implementers	SNOMED (T-AU - Combin	ed Release File v20	160331
Clinical Documents				100001
eHealth Foundations Australian Medicines Terminology		Size: 252.26 MB Type: ZIP	Login or Sign Up to do	wnload
Australian Medicines Terminology - Common	001011001	SHA256 Checksum		
Clinical Terminology				
eHealth Architecture Principles	Nam	e NEHTA-2271:2016 SNOME	D CT-AU - Combined Release File v201	60331
eHealth Interoperability Framework	Identifie	er NEHTA-2271:2016		
eHealth Specifications and Standards	Versio Dat			
eMedications Management Functional Framework	Typ End Produ		331	
eSignature				
Interoperability Framework				
National eHealth Security and Access Framework				
NEHTA Blueprint	Combined Rele	ase File Release History		^
PCEHR Architecture				
Secure Messaging				
SNOMED CT-AU				
SNOMED CT-AU - Common			combined release for March 2016. It oblight files, the Australian Dialect References	
National Infrastructure	other reference sets	for use in Australian healthcare.		
mplementation and Adoption	Product Com	ponents of Clinical T	erminology v20160331	
Health Reference Platform	Identifier	Name		Date
Specifications Maintenance	NEHTA-2269:2016	Clinical Terminology - SNOMEE	CT-AU - Release Note v20160331	31-03-2016
Schedule	NEHTA-2270:2016	Australian Medicines Terminolo	ogy - Data Extract v20160331	31-03-2016

Note: If you have already logged in to the NEHTA website, a **Download** button will be presented rather than **Login or Sign Up to download**.

3 Save a copy of the selected SNOMED CT-AU XML file in the C:\temp directory or another local directory.

ø	Save As	×
🐑 🏵 = 🕇 👪	This PC → Downloads ✓ C Search Download	is ,o
Organize - New	folder	≣ • @
☆ Favorites ■ Desktop	Name ISSetupPrerequisites SostepPrerequisites SostepPrerequisites Clinical Package Validator 2.4 Install.exe	
This PC	~ <	>
File name:	EP_2066_2015_SNOMEDCT-AU-v20150531	Ŷ
Save as type: A	All Files (*.*)	Ý
Save as type: A	All Files (*.*)	~ 1

4 Import the downloaded SNOMED CT-AU package ZIP file by selecting **Zip** for 'Load SNOMED'.

erminology Management					
Terminology DB File: TerminologyDB.sdf 917MB Terminology Loaded:	Refresh	NB: Select the root folder in RF2Release for SNOMED SNOMED/AMT v3' now of	after unzipping AMT, From I inly supports t	the termino Dec 2015 SM this format.	slogy package. The subfolder should be called KOMED and AMT come in one file. The 'Load AMT v2 is no longer supported.
		Load SNOMED/AMT v3:	Folder	Zip	
		Load AMT V3:	Folder	Zip	
		Load PBS:	Folder	Zip]
		For SNOMED/AMT data For PBS data visit this we PBS XML file (ZIP)			<u>bttos://www.nebts.gov.au/implementation-resources/elveatib-l</u> http://www.abts.gov.au/browse/downloads
Remove old dataset		Compress DB			

Note: If the SNOMED CT-AU package ZIP file was already downloaded and unzipped into a folder, the contents of the folder may be imported by selecting **Folder**.

5 Select the SNOMED CT-AU package ZIP file and select **Open**.

]		Open		11	×
Look in:	🎉 from down	oads v	G 🛊 😕 🗔 -		
(Pro	Name	^	Date modified	Туре	
Recent places	EP_2168_2	001.1006.1.16473.15 - CL 3B (svn-36 2015_AustralianMedicinesTerminol 841_2015_SharedHealthSummary	8/04/2015 3:43 PM 13/04/2016 8:43 PM 11/04/2016 4:19 PM	Compressed (zipp Compressed (zipp Compressed (zipp	
		271_2016_SNOMEDCT-AU_Release	5/04/2016 3:13 PM	Compressed (zipp	_
Libraries Libraries This PC	٢				:
Network	File name:	NEHTA_2271_2016_SNOMEDCT-A	U_ReleaseFileBundle_v	2 V Open	
INELWOIK	Files of type:	Zip Files (*.zip)		✓ Cancel	
		Open as read-only			

6 The message 'Unzipping data' is displayed while the SNOMED CT-AU data is being imported.

Ferminology Management					
Terminology DB File: Terminology/DB.adf 373MB Terminology Loaded:	Refresh	NB: Select the root folder in RF2Release for SNOMED SNOMED/AMT v3' now of	fter unzipping AMT. From [nly supports t	the termin Dec 2015 SI his format.	ology package. The subfolder should be called NOMED and AMT come in one file. The 'Load AMT v2 is no longer supported.
	1	Load SNOMED/AMT v3:	Folder	Zip	Unzipping data
		Load AMT V3:	Folder	Zip	
		Load PBS:	Folder	Zip	
		For SNOMED/AMT data For PBS data visit this we PBS XML file (ZIP)			https://www.nehts.cov.au/mplementation-resources/ehealth https://www.pbs.cov.au/trowsel/downloads
Remove old dataset		Compress DB			

Note: The loading process may take many minutes to complete.

7 Confirm that the SNOMED CT-AU dataset has been successfully loaded into the Validator database. The message 'Loaded data into database' should appear next to the button that was selected to load the dataset and the terminology dataset should appear in the 'Terminology Loaded' list.

erminology Management				
erminology DB File: Terminology DB.sdf 373MB erminology Loaded:	Refresh RF2Release for SNOME SNOMED/AMT v3' now	r after unzippir D/AMT. From only supports	ng the termin Dec 2015 Si this format.	ology package. The subfolder should be called NOMED and AMT come in one file. The 'Load AMT v2 is no longer supported.
	Load SNOMED/AMT v3:	Folder	Zip	Loaded data into database
	Load AMT V3:	Folder	Zip	
	Load PBS:	Folder	Zip]
	For SNOMED/AMT data For PBS data vite bits w PBS XML File (ZIP)		1000	https://www.nehts.cov.au/mplementation-resource/ebealth- https://www.sbs.cov.au/browse/downloads
Remove old dataset	Compress DB			

Note: The **Refresh** button may need to be selected to see the list of loaded terminology data.

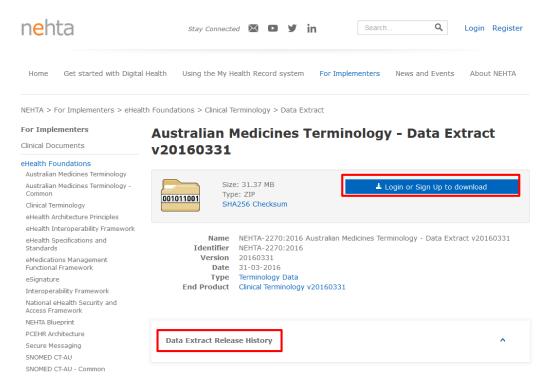
End

4.6.3 Find and load another version of the AMT v3 dataset

1 To find and load another version of the AMT dataset, select the link to the AMT website in the **Terminology Management** facility. You would do this if your clinical document uses a terminology release that is not one of the versions included in the Validator.

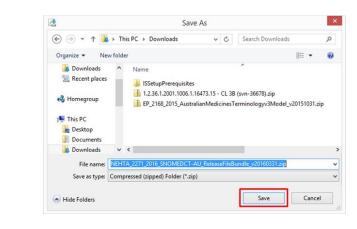
Ten	minology		
Imminology Management Apparter V Area American V Area			stey pologe. The subtitier should be called (CMBD and Ard case is one file. The black Aff 12 is no longer supported.
	For SNOMED/AMT data - For PBS data visit the we PBS XML file (20P)		bassiliense nelte one autrokmentation mouraethead bassiliense ads one autromoditionnikada
Ramove old dataset	Compress DB		
			Cose

2 Either select Login or Sign Up to download to download the latest version of AMT v3 data extract, which is presented by default, or select Data Extract Release History to select and download earlier versions of AMT.



Note: If you are already logged in to the NEHTA website, a **Download** button will be presented rather than **Login or Sign Up to download**.

3 Save a copy of the selected AMT XML file in the C:\temp directory or some other local directory.



4 Import the downloaded AMT package ZIP file by selecting **Zip** for 'Load AMT V3'.

0	Ten	minology			
Terminology Management Configuration and Runtime					
Terninology DB File: Terninology DB sof 373MB Terninology Loaded	Refresh	NB: Select the root folder RFORelease for SNOMED SNOMED/AMT v3' new r	after unsippin (AMT, From only supports	g the termins Dec 2015 57 this format.	ology package. The subfolder should be called NOMED and AMT come in one file. The Load AMT v2 is no longer supported.
		Load SNOMED/AMT v3:	Folder	ζφ	
		Load AMT V3:	Folder	Ζp	
		Load P65r	Folder	Zp	
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Remove old detatet		Compress DB			
					Oose

Note: If the AMT package ZIP file was already downloaded and unzipped into a folder, the contents of the folder may be imported by selecting **Folder**.

5 Select the AMT package ZIP file and select **Open**.

0		Open	×
Look in:	Downloads	× 🎯 🌶 📂 🔤 •	
a.	Name	*	Date modified
Recent places		erequisites 201.1006.1.16473.15 - CL 3B (svn-36678).zip 2015 AustralianMedicinesTerminologyv3Model v20151031.zip	14/04/2016 2:41 8/04/2015 3:43 P 13/04/2016 8:43
		271 2016 SNOMEDCT-AU ReleaseFileBundle v20160331.zip	5/04/2016 3:13 P
Libraries			
	¢		>
Libraries Libraries This PC	< File name:	NEHTA_2271_2016_SNOMEDCT-AU_RelessefileBunde_v2 v	Open
Libraries		NEHTA_2271_2016_SNOMEDCT-AU_ReleaseFileBundle_v2 v Zo Files (*zip) v	> Open Cancel

6 The message 'Unzipping data' is displayed while the AMT dataset is being imported.

Terminology DB File: Terminology DB.sdf 373MB	Refresh	NB: Select the root folder	after unzipping	the termin	ology package. The subfolder should be called NOMED and AMT come in one file. The 'Load
Terminology Loaded:		SNOMED/AMT v3' now o	only supports	this format.	AMT v2 is no longer supported.
		Load SNOMED/AMT v3:	Folder	Zip	
		Load AMT V3:	Folder	Zip	Unzipping data
		Load PBS:	Folder	Zip	
		For SNOMED/AMT data For PBS data visit this we PBS XML file (ZIP)			https://www.nehta.cov.au/implementation-resources/ebea http://www.obs.cov.au/inowse/downloads
Remove old dataset		Compress DB			

Note: The loading process may take many minutes to complete.

7 Confirm that the AMT dataset has been successfully loaded into the Validator database. The message 'Loaded data into database' should appear next to the button that was selected to load the dataset, and the terminology dataset should appear in the 'Terminology Loaded' list.

onfiguration and Runtime					
Terminology DB File: TerminologyDB.sdf 917MB Terminology Loaded:	Refresh	RF2Release for SNOMED	AMT, From I	Dec 2015 SM	ology package. The subfolder should be called VOMED and AMT come in one file. The 'Load AMT v2 is no longer supported.
Australian Medicines Terminology (AMT), 2.56 Australian Medicines Terminology (AMT), http://spomed.info/uct/9000620110000 Australian Medicines Terminology (AMT), http://snomed.info/sct/9000620110000		Load SNOMED/AMT v3:	Folder	Zip	
Auszeilan Medicines Terminology (AMT), http://snomec.intojsc/9000620110000 Auszeilan Medicines Terminology (AMT), http://snomec.intojsc/9000620110000 SNOMED CT-AU, http://snomed.info/sct/32506021000036107/version/2016013:		Load AMT V3:	Folder	Zip	Loaded data into database
		Load PBS:	Folder	Zip	
		For SNOMED/AMT data v For PBS data visit this we PBS XML file (ZIP)			https://www.nehts.cov.au/mplementation-resources/ehealth- https://www.obs.cov.au/browse/downloads

Note: The **Refresh** button may need to be selected to see the list of loaded terminology datasets.

End

4.6.4 **Find and load another version of the PBS dataset**

1 To obtain and load another version of the PBS dataset, select the link to the PBS website.

onfiguration and Runtime					
Terminology DB File: TerminologyDB.sdf 917MB Terminology Loaded:	Refresh	NB: Select the root folder a RF2Release for SNOMED SNOMED/AMT v3' now o	after unzippin AMT. From inly supports	g the termino Dec 2015 SN this format.	logy package. The subfolder should be called OMED and AMT come in one file. The 'Load IMT v2 is no longer supported.
		Load SNOMED/AMT v3:	Folder	Zip]
		Load AMT V3:	Folder	Zip]
		Load PBS:	Folder	Zip	
		For SNOMED/AMT data	visit this web	site	https://www.nehta.gov.au/implementation-resources/eh
		For PBS data visit this we PBS XML file (ZIP)	bsite, and sel	ect	http://www.pbs.gov.au/browse/downloads
Remove old dataset		Compress DB			

Note: PBS Item codes and PBS Manufacturer codes are both included in the PBS dataset.

2 Either download the latest version of the PBS dataset by selecting the **PBS XML file** link, or select **Publications Archive** to choose an earlier version of the PBS dataset.

Australian Government Department of Health	PBS	The Pharmaceu Benefits S			Aedicines FAQ	Subscribe ug, brand name		PBS Information	Q RCH
* PBS Information -	Browse the PBS -	For Health Professionals -	For Industry -	News -	Publications & De	ownloads -	Contacts		
Browse by downl	oads								
PBS Downloads							See also		
Page last updated: 1 June 2015							PBS Publica		
1 June 2015							PBS Statistic PBS Review Software De	5	
Errata to Schedule of Pharm DD0 T + FL = (7/D 2 4 MD)	aceutical Benefits (P	<u>PDF 407KB)</u>					Software De	relopers site	
PBS Text files (ZIP 3.1 MB) PBS XML file (ZIP 5.5 MB)									
Archive									
Previous ASCII and XML files can	he assessed on the	Publications Archive race							

3 Save a copy of the selected PBS XML file in the C:\temp directory or another local directory.

e .		Sav	e As			×
🔄 🤄 - 🕇 🚺	▶ This PC ▶	Downloads	~ C	Search Downloa	ds	Q
Organize - Ne	w folder				833 -	0
Homegroup This PC Desktop Documents Downloads Cocal_Admini	ی کا دی	e SSetupPrerequisite 1003629900019338- Clinical Package Va	20170501 (For Te			
Music	~ <					1
File name:	2015-06-01.xr	nl				v
Save as type:	All Files (*.*)					Ŷ
	and the second second	đar		Save	Cance	el

4 Import the downloaded PBS package ZIP file by selecting **Zip** for 'Load PBS'.

	Terminology
erminology Management	
onfiguration and Runtime Terminology DB File: TerminologyDB.sdf 917MB Terminology Loaded:	Refresh NB: Select the root folder after unsporing the terminology package. The subfolder should be called BF7Bebases for SNOMED/ANT. From Dec 2015 SNOMED and ANT come in one file. The Load SNOMED/ANT of nor only support the formult. ANT of a no longer support.
	Laid SNOMED/AMT v3: Folder Zo Load AMT V3: Folder Zo Load PBS: Folder Zo For SNOMED/AMT data vite this website
Remove old dataset	For PBS data vite the website, and select PBS XML file (ZIP) http://www.ubs.cov.au/browsel/downloads Compress D6
	Cose

Note: If the PBS package ZIP file was already downloaded and unzipped into a folder, the contents of the folder may be imported by selecting **Folder**.

5 Select the PBS package ZIP file and select **Open**.

			Open				>
Look in:	🚺 Downloade	\$	~	G 👂	📂 🛄		
(And	Name		^				Date modified
	ISSetupPr	erequisites					14/04/2016 2:41
Recent places	2015-06-0	1.zip					15/04/2016 1:39
Desktop							
Libraries							
This PC							
	<						
Network	File name:	2015-06-01.zip				~	Open
	Files of type:	Zip Files (*.zip)				~	Cancel
	riles of type:						

6 Two messages (i.e. 'Unzipping data' then 'Loaded data into database.') are displayed while the PBS data is being imported.

erminology Management	
inguration and Kuntime ierminology DB File: TerminologyDB.sdf 373MB ierminology Loaded:	Refresh NB: Select the root folder after unspang the terminology package. The subfolder should be called BF2Release for SIOMED/AMT. From Dez 2015 SIOMED and AMT come in one file. The Load SIOMED/AMT 'J' non only rupport this format. AMT v2 an onlonger supported.
	Load SNOMED/AMT v3: Folder Zp
	Load AMT V3. Folder Zp Load PRS. Folder Zo Loaded data into database
	Load PBS: Folder Zp Loaded data into database
	For SNOMED/AMT data visit this website. For DBS data visit this website, and select PBS XML file (ZIP)
Remove old dataset	Compress DB

Note: The loading process may take many minutes to complete.

7 Confirm that the PBS dataset has been successfully loaded into the Validator database. The message 'Loaded data into database' should appear next to the button that was selected to load the dataset.

Configuration and Runtime						
Terminology DB File: Terminology Terminology Loaded:	rDB.sdf 373MB	Refresh	NB: Select the root folder RF2Release for SNOMED SNOMED/AMT v3' now o	after unzippin /AMT. From only supports	g the termina Dec 2015 SM this format.	ology package. The subfolder should be called VOMED and AMT come in one file. The 'Load AMT v2 is no longer supported.
Australian Medicines Terminology (A Australian Medicines Terminology (A	IMT), 2.56 IMT), http://snomed.info/sct/9000620110000	36108/version/20151130	Load SNOMED/AMT v3:	Folder	Zip	
Australian PBS Code, 20160201 SNOMED CI-AU, http://fi0me82.nfo/sct/32506021000036107/version/20160131		Load AMT V3:	Folder	Zip		
		Load PBS:	Folder	Zip	Loaded data into database	
			For SNOMED/AMT data For PBS data visit this we PBS XML file (ZIP)			https://www.nehta.gov.au/implementation-resources/ehealth-fo http://www.obs.gov.au/browsel/form/roads
Remove old dataset			Compress DB			

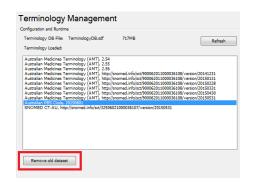
End

4.6.5 **Remove a terminology dataset**

1 If the list of terminology datasets currently loaded into the Validator is not displaying, select **Refresh**.

erminology Management	
Terminology DB File: Terminology DB.sdf 917MB Terminology Loaded:	Refresh NB: Select the root folder after untopping the terminology package. The subfolder should be called RFIRelases for SNOMEDIAMT. From Dec 2015 SNOMED and AMT come in one file. The Load SNOMEDIAMT view only support this formul. AMT vi 30 in oftoger support.
	Load SNOMED/AMT v3: Folder Zip
	Load AMT V3: Folder Zip
	Load PBS: Folder Zip
	For SNOMED/AMT data visit this website For PBS data visit this website, and select PBS 304, file (ZIP)
Remove old dataset	Compress D6

2 Choose the dataset to be removed and select **Remove old dataset**.



Note: The removal process may take many minutes to complete.

3 Confirm the dataset is no longer present in the list of loaded datasets.

- 4	onfiguration and Runtime Terminology DB File: Terminology/D8.sdf 717MB Terminology Loaded:	Refresh
	Australiam Machines Terminology (AMT) 5.54 Australiam Machines Terminology (AMT) 5.55 Australiam Machines Terminology (AMT) 5.55 Australiam Machines Terminology (AMT) tetta/isonada-frójact/960062011000 Australiam Machines Terminology (AMT) tetta/isonada-frójact/960062011000 Australiam Machines Terminology (AMT) tetta/isonada-frójact/960062011000 Australiam Machines Terminology (AMT) tetta/isonada-frójact/960062011000 Australiam Machines Terminology (AMT) tetta/isonada-frójact/960062011000 SIOMED CT-40, tetpa/terminis.in/size23596021000035107/version/2015953	336108/version/20150131 336108/version/20150228 336108/version/20150331 336108/version/20150331 336108/version/20150331
	Remove old dataset	

4.6.6 **Compress the database**

The Validator's terminology database may be compressed to reduce its size. Compression removes unused space and reduces the footprint of the database on the disk. Compression should be done after loading and/or removing datasets. Compressing the database does not affect the performance of the Validator.

End

1 View the size of the database and select **Compress DB** to reduce its size.

Rguration and Runtime erminology DB File: Terminology DB.sdf 917MB erminology Loaded:	Refresh REZRebe SNOMED	t the root folder se for SNOMED (AMT v3' now o	after unzipping (AMT, From I only supports	the termino Dec 2015 SN this format. /	logy package. The subfolder should be called IOMED and AMT come in one file. The 'Load AMT v2 is no longer supported.
	Load SNO	MED/AMT v3:	Folder	Zip	
		Load AMT V3:	Folder	Zip	
		Load PBS:	Folder	Zip]
		MED/AMT data lata visit this we file (ZIP)			https://www.nehts.cov.au/mplementation-resources/eheah https://www.abs.cov.au/https:seldownloads
Remove old dataset		ompress DB			

In this example, the size of the database before compression is 717 Mb. **Note:** The compression process may take many minutes to complete.

2 View the size of the database again to confirm that the compression has been successful.

Configuration and Runtime					
Terminology DB File: Terminology DB.sdf 484MB Terminology Loaded:	Refresh	NB: Select the root folder a RF2Release for SNOMED SNOMED/AMT v3' now o	AMT. From nly supports	g the termino Dec 2015 SN this format.	vlogy package. The subfolder should be called IOMED and AMT come in one file. The 'Load AMT v2 is no longer supported.
		Load SNOMED/AMT v3:	Folder	Zip]
		Load AMT V3:	Folder	Zip]
		Load PBS:	Folder	Zip]
		For SNOMED/AMT data v For PBS data visit this we PBS XML file (ZIP)	-		https://www.nehta.gov.au/Implementation-resources/ehealth https://www.pbs.gov.au/browse/downloads
Remove old dataset		Compress DB			

In this example, the size of the database after compression is 484 Mb.

End

4.7 Configure the temporary file location

The Validator stores a set of files for a temporary period. By default these are stored in C:\Nehta\CPV24Temp although a different location can be selected if required.

1 To change the location used by the Validator to store temporary files, select the **Configuration** menu.

		Clinical Packa	ige Validator v2.4
File Confi	guration Help		
File :	Select an input file to v	validate	
Template:			~
Addn Rules:	Select additional rules	template folder for validation	
nformation			
Configu	ration and Runt	ime Information	
	Document Type:	Document Type	
		C:\Nehta\CPV24\Temp	
	Template Path:		
	ate Package Name:	Template Package Name	
	mplate Package ID: Conformance Level:	Template Package ID Conformance Level	
	late Effective Date:		
Temp	Template Version:	Template Version	

2 Select Manage Temporary File Location.

~ File	Configuration Help	Clinical Package Validator v2.4
	Manage Templates Manage Terminology	
	Manage Temporary File Location	
Tem	plate:	✓
Addn	Rules: Select additional rules template folder for validatio	

3 Either type the path of the new temporary file location, or use the folder icon to browse for the folder.

Please note the text in RED. The Validator will delete every file and subfolder in this temporary folder, every time it runs. Do not set it to any folder that contains files you need to keep.

	Configuration ×
Default Te	mp Directory Path :
C:\Nehta\	CPV24\Temp
ANYTHING	th to point to where you store your temporary data. PLEASE NOTE, BIN THIS DIRECTORY (including sub-directories) WILL BE DELETED ME THE VALIDATOR RUNS, so don't set it to a directory where you have sh to keep.
	Save Cancel

4 To save the new temporary file location, select **Save**.

	Configuration	×
Default Terr	np Directory Path :	
C:\Nehta\C	CPV24\Temp	<u></u>
ANYTHING	h to point to where you store your temporary data. PLEA IN THIS DIRECTORY (including sub-directories) WILL & E THE VALIDATOR RUNS, so don't set it to a directory sh to keep.	BE DELETED

End

4.8 Install a new version of the NEHTA generic style sheet

- The Validator is provided with version 1.2.9 of the NEHTA generic style sheet (Generic CDA Style Sheet stylesheet no CSS v1.2.9) to display clinical documents. This style sheet is available from the <u>NEHTA website³</u> (document identifier NEHTA-1924:2014). To install a different version of the NEHTA generic style sheet, stop the Validator if it is already running.
- 2 Navigate to the folder where the Validator is installed (usually **C:\Nehta\CPV24**) and select the **Stylesheets** subfolder.

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File Home Share	View			× (
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☆ Favorites	Name	Date modified	Туре	Size
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🔈 Downloads	🕌 Stylesheets	13/04/2016 4:28 PM	File folder	
📒 Recent places	🎉 Resources	13/04/2016 4:28 PM	File folder	
	🎉 Data	14/04/2016 3:05 PM	File folder	
🔣 Homegroup	3 Templates	15/04/2016 10:06	File folder	
	🌽 Temp	15/04/2016 1:57 PM	File folder	
📜 This PC	MDM.Common.dll	27/05/2015 2:37 PM	Application extens	39 KB
he Desktop	MDM.Generator.dll	27/05/2015 2:37 PM	Application extens	23 KB
The Documents Y	MDM Model dll	27/05/2015 2-27 DM	Application extent	DA VR

3 Locate and delete the **NEHTA_Generic_CDA_Stylesheet** file from this folder and replace it with the new style sheet, using the same name.

File Home Share	View			Ý
🕘 🌛 🔻 🕆 👪 « Wi	ndows (C:) > Nehta > CPV24 > Stylesheets	~ C	Search Styleshe	ets 🔎
Desktop ^	Name	Date modified	Туре	Size
Documents Downloads Local_Administre Music Pictures	CDAValidatorStylesheet.xsl	14/07/2015 4:07 PM	XSL Stylesheet	23 KB
	ENERTA_Generic_CDA_Stylesheet.xsl	27/05/2015 2:37 PM	XSL Stylesheet	371 KB
	PackageResultStyleSheet.xslt	14/07/2015 4:07 PM	XSLT File	7 KB
	PackageStylesheet.xsl	14/07/2015 4:11 PM	XSL Stylesheet	22 KB
	schematron-Validator-report.xsl	27/05/2015 2:37 PM	XSL Stylesheet	5 KB
Videos	skeleton1-5.xsl	27/05/2015 2:37 PM	XSL Stylesheet	22 KB
Windows (C:) groups (\\bne-fp	TerminologyStyleSheet.xslt	27/05/2015 2:37 PM	XSLT File	6 KB
	TestDataStyleSheet.xslt	27/05/2015 2:37 PM	XSLT File	8 KB

4 Start the Validator.

The Validator will now use the new version of the style sheet.

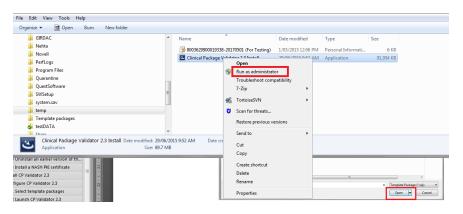
End

³ <u>https://www.nehta.gov.au/implementation-resources/ehealth-reference-platform/EP-2041-2015/NEHTA-1924-2014</u>

5 Troubleshooting

The Validator may display unexpected behaviour if its installation was unsuccessful. If this happens, follow the steps below.

- 1 Uninstall any previous versions of the Validator (Section 2.2).
- 2 Delete the C:\Nehta directory and the temporary file location (Section 4.7).
- 3 Ensure the **Clinical Package Validator 2.4 Install.exe** file is on the desktop or a local drive (e.g. C:\).
- 4 Right click the **Clinical Package Validator 2.4 Install.exe** file and select **Run as administrator**.



- 5 Enter the admin password if requested.
- 6 Complete the installation of the Validator (Section 3).
- End

Acronyms

Acronym	Description
AMT	Australian Medicines Terminology
CDA	Clinical Document Architecture. CDA is a registered trademark of Health Level 7 International and is registered with the United States Patent and Trademark Office
CSS	Cascading Style Sheets
DVA	Department of Veterans' Affairs
NASH	National Authentication Service for Health
PBS	Pharmaceutical Benefits Scheme
SNOMED CT	Systematized Nomenclature of Medicine Clinical Terms
SNOMED CT-AU	Systematized Nomenclature of Medicine Clinical Terms – Australia
SVT	Software Vendor Test environment
XML	Extensible Markup Language