NASH Organisation Certificate Tracker
Product Data Sheet v1.0

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Approved for external information

Key feature

- Retrieves seed and network HPI-Os from Healthcare Provider Directory
- Displays expiration dates of NASH PKI organisation certificates for these HPI-Os

Usage (internal, external)

- Healthcare provider organisations

Format

- ZIP file, containing Windows installer, .NET libraries and licence terms
- Installation and user guide

Overview

The NASH[1] Organisation Certificate Tracker (Certificate Tracker) is a simple tool for listing the expiration dates of NASH PKI certificates for healthcare provider organisations (NASH certificates[2]).

Healthcare provider organisations need active NASH certificates to both access the My Health Record system and securely send and receive information via secure message delivery (SMD) services. NASH certificates expire after two years and need to be regularly renewed to ensure ongoing connectivity.

The Certificate Tracker helps healthcare provider organisations track their certificate expiration dates. It retrieves the expiration dates of NASH certificates for any given HPI-O and, optionally, all other HPI-Os within the same HPI-O network.

For larger organisations with HPI-Os across multiple HPI-O networks, the Certificate Tracker supports bulk searches by loading lists of known HPI-Os from external files.

The resulting list of certificates and their expiration dates can be exported to CSV format for further use by practice management staff and inclusion in their corporate reminder system.

Background

Maintaining ongoing connectivity to the My Health Record system is increasingly essential for healthcare provider organisations. At the same time, many of the first-generation NASH organisation certificates are due to expire in the near future. Staying on top of certificate

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[1] National Authentication Service for Health
[2] NASH PKI certificates for healthcare provider organisations are the only type of NASH PKI certificates supported by the NASH Organisation Certificate Tracker. *Excluded* are NASH PKI certificates for supporting organisations and NASH PKI certificates for individual healthcare providers.

expiration dates and ensuring the timely installation of renewed certificates can be a challenge – particularly in larger organisations with many NASH certificates to manage.

Users of NASH certificates are not always able to determine their certificates' expiration dates, as they do not have easy access to all of their NASH certificates. CDs originally received from the Department of Human Services containing the certificates (or their separately received access codes) may no longer be available. The certificates used in production are stored on production servers and generally are not accessible by practice management staff.

Limitations

The Certificate Tracker is limited to the tracking of expiration dates for NASH PKI certificates for healthcare provider organisations only. Other types of certificates, such as Medicare PKI site certificates, Medicare individual PKI certificates, NASH PKI certificates for individual healthcare providers or NASH PKI certificates for supporting organisations, are beyond the scope of the Certificate Tracker.

The Certificate Tracker does not provide any functionality for the further management of these certificates, including their removal or replacement. Such tasks should be undertaken by a suitably skilled IT professional.

Prerequisites

The Certificate Tracker accesses two services of the national digital health infrastructure to retrieve information about NASH certificates:

- Healthcare Provider Directory (HPD) of the Healthcare Identifiers (HI) Service;
- NASH Directory.

Each of these services require authentication with a valid certificate:

- Medicare PKI site certificate for the HPD;
- NASH PKI organisation certificate for the NASH Directory.

The Certificate Tracker looks for these certificates in the Windows key store of the system it is running on.

These certificates do *not* need to be associated with the healthcare provider organisations that the Certificate Tracker will perform queries on.

System requirements

The Certificate Tracker is a Microsoft Windows based tool and requires .NET 4 framework to be installed on the machine, which is included as part of the installation (see *Installation and User Guide*). The user is responsible for ensuring relevant licences are in place.

Product components

The NASH Organisation Certificate Tracker end product contains the following product components:

Component	Comment
Product Data Sheet	This document.
Software Package	Contains: • Installer (an .exe file containing the Certificate Tracker software); • `ISSetupPrerequisites` (a folder of installation scripts for prerequisite software); • Software licence terms and conditions.
Installation and User Guide	A PDF file explaining how to install and use the Certificate Tracker.
Release Note	Notes specific to this release of the Certificate Tracker.

Downloads

The Certificate Tracker is available on the NEHTA website from the following location:

https://www.nehta.gov.au/implementation-resources/ehealth-reference-platform/nash-organisation-certificate-tracker

Licence

The software licence terms and conditions for the NASH Organisation Certificate Tracker, including licence terms for incorporated third-party software, are in the software package ZIP file.