

Leverage Discovery

Package: SSL Certificates

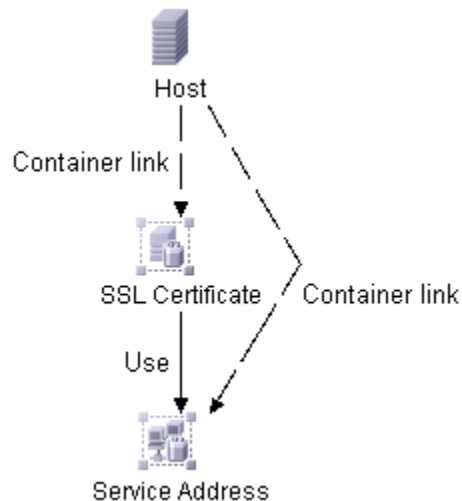
This package uses OpenSSL over HTTPS to capture handshakes and then gather information from the server side SSL Certificate. It discovers Name, Issuer, Location, Organization, Serial number, and Expiration Date.

Even when client-side certificates are *required* by the web server, this package is able to run successfully without them (e.g. IIS, Apache).

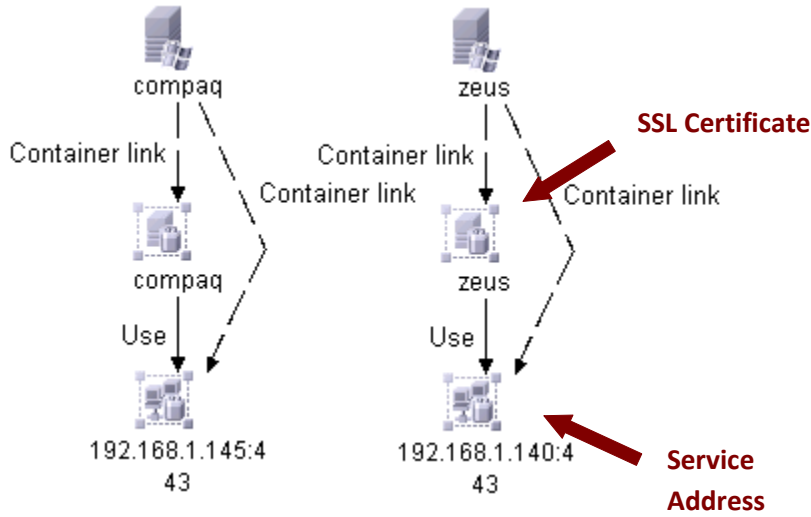
This package discovers when Certificates are getting ready to expire. Tracking certificate expiration prevents web servers from throwing warnings about expired certificates. When the end user sees these warnings, they wonder about validity or security of the server. Furthermore, not all applications are coded to gracefully workaround these warnings. The goal was to extend visibility for early identification.

CI Model:

The following View TQL shows how the SSL Certificates are mapped in the uCMDB. The Certificate was pulled from a specific listening address (IP:port) or "Service Address" as it is called in the uCMDB, which you can see modeled in the view.



Sample results from running this package:



SSL Certificate report listing a certificate shown in the View above:

[-] compaq (Host)			
Host Name: compaq			
[-] compaq (SSL Certificate) (Path: compaq (Host))			
Certificate Name:	compaq	Certificate Organization Unit:	TestOrgUnit2
Certificate Serial Number:	134CB28D000000000006	Certificate Country:	US
Certificate Issuer:	compaq.testlab.ddm.testdomain	Certificate State:	IL
Certificate End Date:	Thu Dec 24, 2009 02:36 PM	Certificate City:	Quincy
Certificate Organization:	TestOrganization2		
[-] 192.168.1.145:443 (Service Address) (Path: compaq (Host) → compaq (SSL Certificate))			
Service Address:	192.168.1.145:443		

Support matrix:

Target Probe OS	Network Protocol	DDM 9.01	DDM 9.02	DDM 9.04
Windows Server 2003	HTTPS	✓	✓	✓
Windows Server 2008	HTTPS		✓	✓

The following mark designates which DDM versions were validated: ✓

For more information please contact Leverage Discovery:

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