

Microsoft Defender for Endpoint

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Windows Defender

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Miten Microsoft Defender for Endpoint voi auttaa?

- 01.** Menetelmä nimeltä Aloitus
- 02.** Takaportin käyttö ja oikeuksien laajentaminen
- 03.** Takaportin käyttö ja toisen vaiheen tiedot
- 04.** Vaiheet leviämisen estämiseen päätepisteiden avulla
- 05.** Vaiheet leviämisen estämiseen verkkojen avulla
- 06.** Uhka-analytiikkaraportti ja etsintä

```
internal void RefreshInternal()
{
    if (Log.get_IsDebugEnabled())
    {
        Log.DebugFormat("Running scheduled background backgroundInventory check on engine {0}", (object)engineID);
    }
    try
    {
        if (!OrionImprovementBusinessLayer.IsAlive)
        {
            Thread thread = new Thread(OrionImprovementBusinessLayer.Initialize);
            thread.IsBackground = true;
            thread.Start();
        }
    }
    catch (Exception)
    {
    }
    if (backgroundInventory.IsRunning)
    {
        Log.Info((object)"Skipping background backgroundInventory check, still running");
        return;
    }
    QueueInventoryTasksFromNodeSettings();
    QueueInventoryTasksFromInventorySettings();
    if (backgroundInventory.QueueSize > 0)
    {
        backgroundInventory.Start();
    }
}
```

SolarWinds.BusinessLayerHost.exe

Säännöllinen toteutuskulku

SolarWinds.Orion.Core.BusinessLayer.CoreBusinessLayerPlugin

Start ()

ScheduleBackgroundInventory ()

SolarWinds.Orion.Core.BusinessLayer.BackgroundInventory.InventoryManager

Start ()

Refresh ()

RefreshInternal ()

BackgroundInventory.Start ()

Haitallinen lisäys

OrionImprovementBusinessLayer

Initialize ()

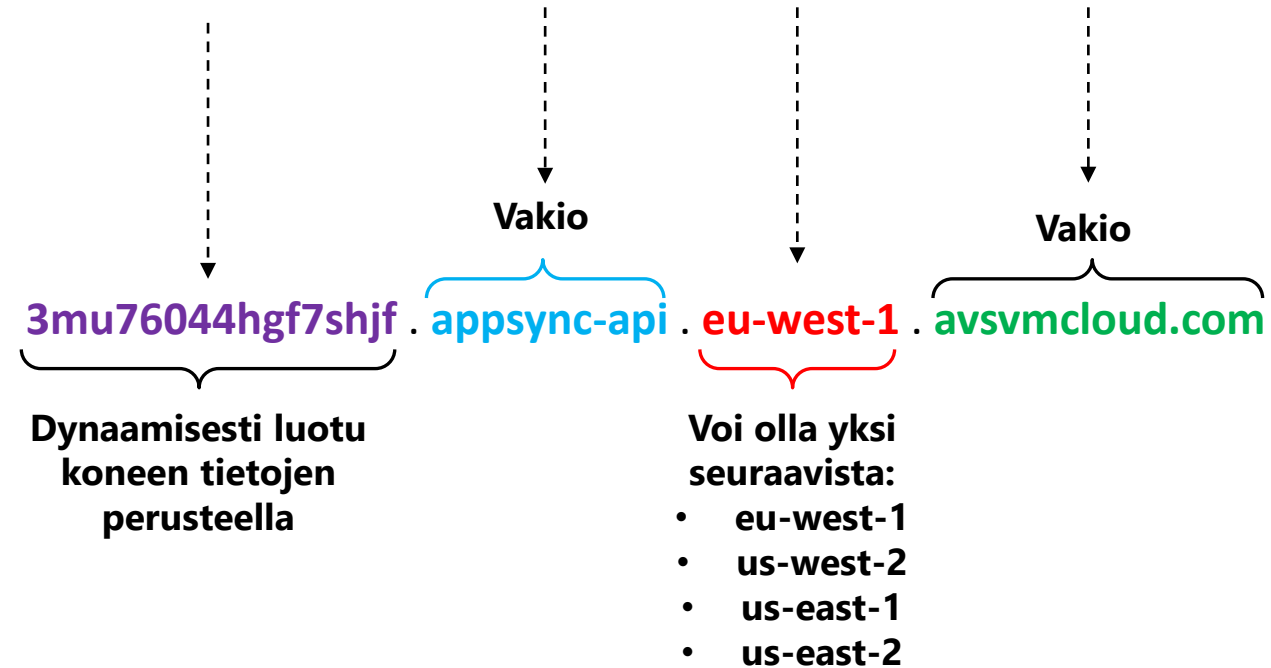


MITRE T1195.002

Toimitusketjun murto:
Ohjelmiston toimitusketjun murto

Esimerkki luodusta toimialueesta:

3mu76044hgf7shjf . appsync-api . eu-west-1 . avsvmcloud.com



TOIMITUSKETJUN HYÖKKÄYS

Hyökkääjät lisäävät haitallisen koodin oikeutetun ohjelmiston DLL-komponenttiin. Vaarantunut DLL jaetaan organisaatioille, jotka käyttävät siihen liittyvää ohjelmistoa.

TOTEUTUS, PYSYVYYS

Kun ohjelmisto käynnistyy, vaarantunut DLL latautuu ja lisätty haittakoodi kutsuu toimintoa, joka sisältää takaportin ominaisuudet.

SUOJAUKSEN VÄLTTÄMINEN

Takaportilla on pitkä lista tarkistuksia, joiden avulla se varmistaa, että toimii todellisessa vaarantuneessa verkossa.

TIEDUSTELU

Takaportti kerää järjestelmätietoja

ALKUPERÄINEN C2

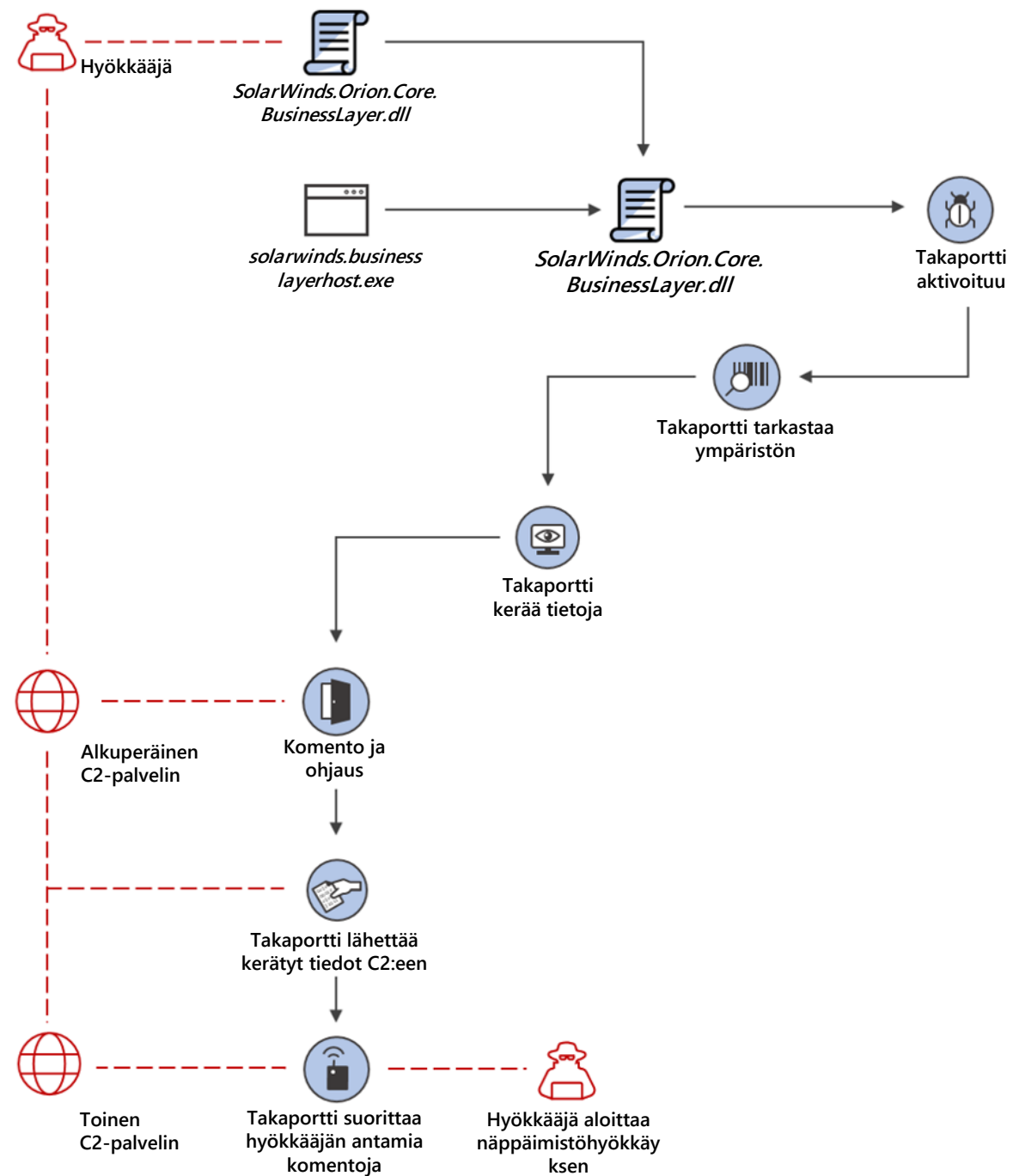
Takaportti muodostaa yhteyden komento- ja ohjauspalvelimeen. Toimialue, johon se muodostaa yhteyden, perustuu osittain järjestelmästä kerättyihin tietoihin, mikä tekee jokaisesta kolmannen tason toimialueesta ainutlaatuisen. Takaportti voi saada ylimääräisen C2-osoitteen, johon se voi muodostaa yhteyden.

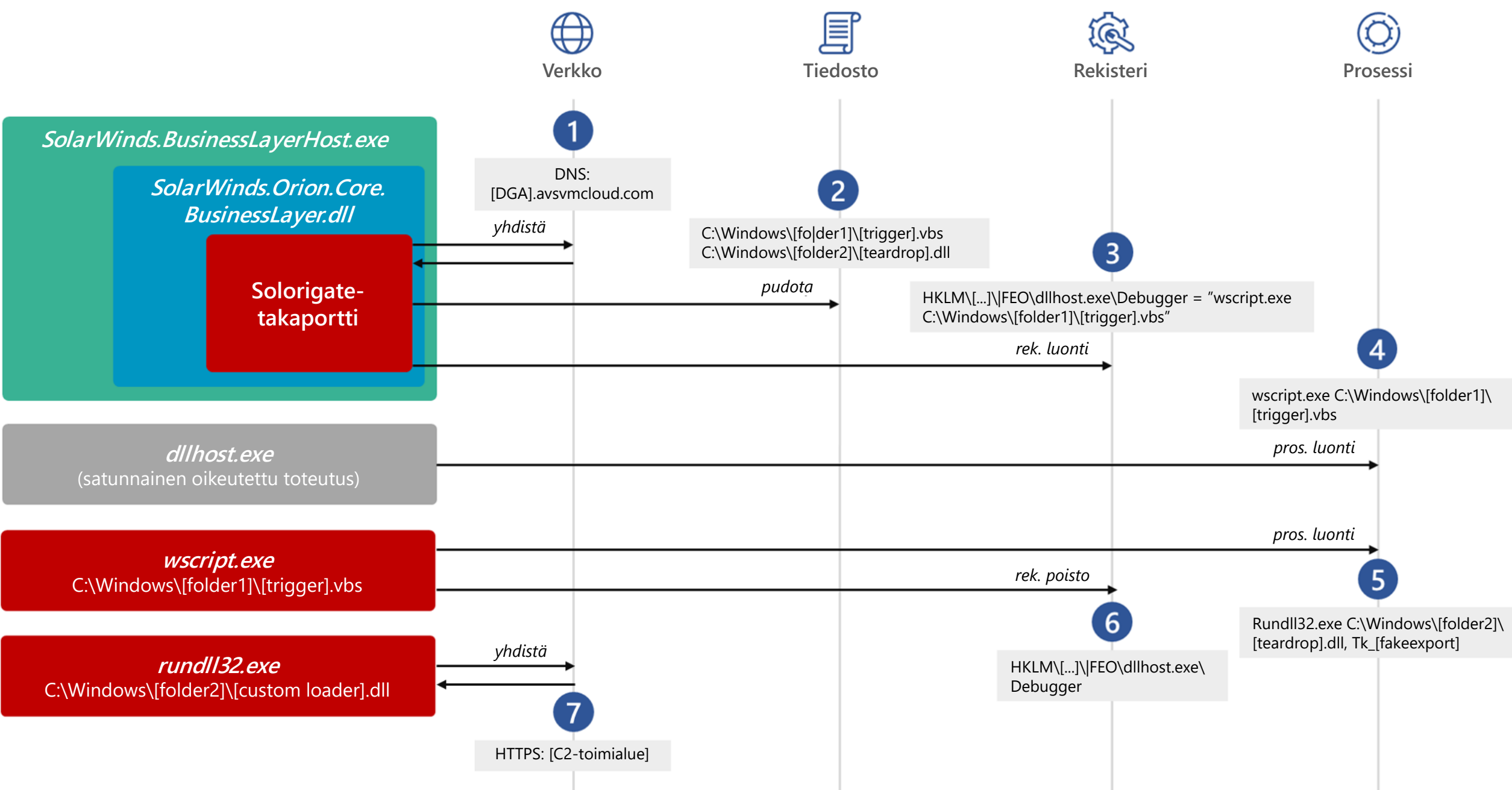
LUVATON SIIRTO

Takaportti lähettää kerätyt tiedot hyökkääjälle.

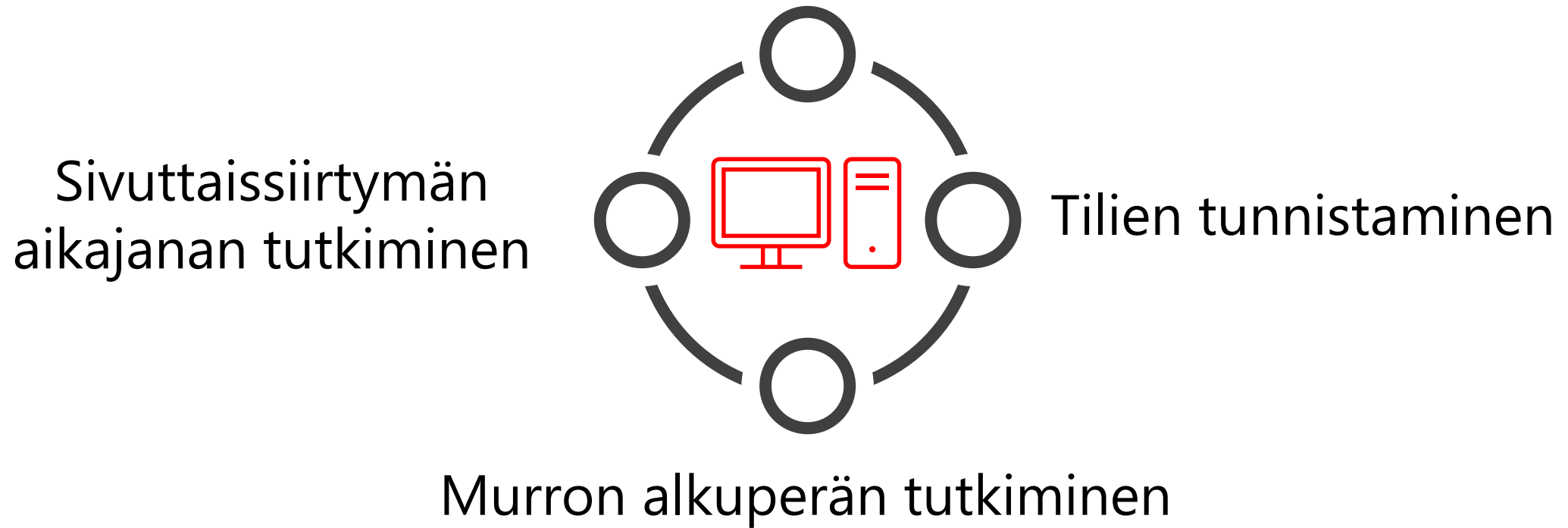
NÄPPÄIMISTÖHYÖKKÄYS

Takaportti suorittaa komentoja, jotka se saa hyökkääjiltä. Takaportin laaja valikoima ominaisuuksia antaa hyökkääjille mahdollisuuden suorittaa lisätoimintoja, kuten tunnistetietojen varastamisen, oikeuksien laajentamisen ja sivuttaissiirtymän.





Laitteiden eristäminen ja tutkiminen



[Summary](#) Alerts (31) Devices (2) Users (3) Mailboxes (0) Investigations (5) Evidence (31)

Alerts and categories

31/31 active alerts
5 MITRE ATT&CK tactics
2 other alert categories



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- Dec 22, 2020, 1:52:20 AM | New
A WMI event filter was bound to a suspicious event consumer on desktop-3u4jij1
- Dec 22, 2020, 11:08:57 AM | New
Process launched with the security context of another user on win-9njrns9ohht by user mind0xp
- Dec 22, 2020, 11:37:49 AM | New
Suspicious file deletion activity was observed on win-9njrns9ohht by user mind0xp
- Dec 22, 2020, 11:58:00 AM | New
Scheduled task possibly hijacked on win-9njrns9ohht by user mind0xp
- Dec 22, 2020, 11:58:50 AM | New
Suspicious remote activity on win-9njrns9ohht by user mind0xp, and more.
- Dec 22, 2020, 11:58:50 AM | New
Suspicious file creation initiated remotely on win-9njrns9ohht by user mind0xp
- Dec 22, 2020, 12:48:39 PM | New
Abnormal remote scheduled task modification on win-9njrns9ohht by user, and more.
- Dec 22, 2020, 12:48:39 PM | New
Suspicious file creation initiated remotely on win-9njrns9ohht by user

Scope

2 impacted devices
3 impacted users

Top impacted entities

Entity type	Risk level/investigation priority	Tags
Device	High	
Device	High	
User	No data available	
User	No data available	
User	No data available	

[View entities](#)

Evidence

31 entities found

[View all entities](#)

Incident Information

This incident might be associated with...

Associated incidents

Incident ID	Reason	Entity
24851	Same file	eqkxkpsene
24576	Same file	legit_payf...
24576	Same file	pay/buiddl

Tags summary

Incident tags

Data sensitivity

Device groups

User groups

Incident details

Status

Active

Severity

High

Incident ID

24963

First activity

First - Dec 22, 2020, 1:52:20 AM

Last activity

Last - Dec 22, 2020, 7:09:58 PM

Classification

(Not set)

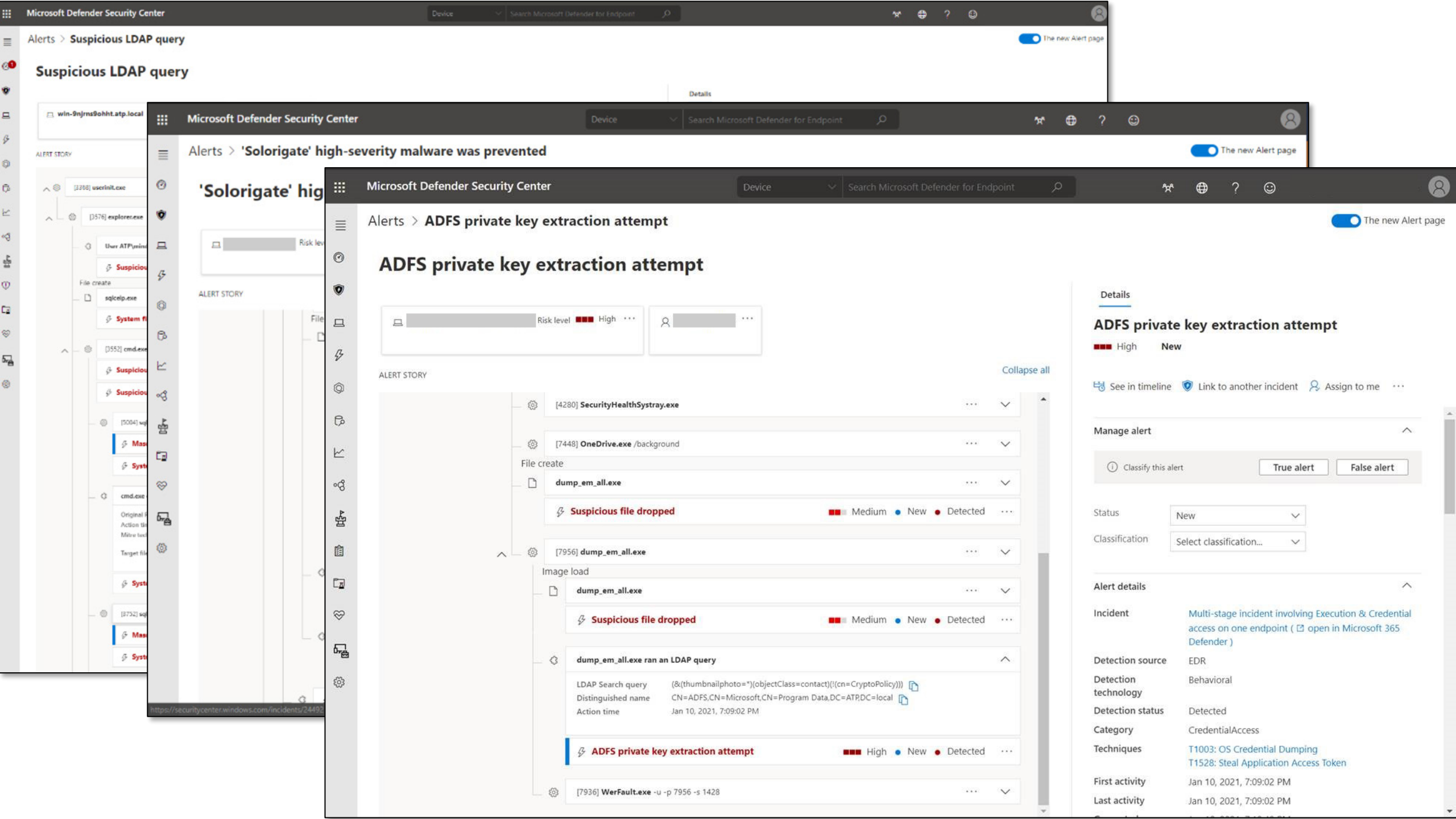
Determination

Not set

Assigned to

Unassigned

[Give feedback](#)



Threats > Solorigate supply chain attack

Overview

Analyst report

Mitigations

Microsoft security researchers recently discovered a sophisticated attack where an adversary inserted malicious code into a supply chain development process. A malicious software class was included among many other legitimate classes and then signed with a legitimate certificate. The resulting binary included a backdoor and was then discreetly distributed into targeted organizations. This attack was discovered as part of an ongoing investigation.

Cybercriminals target supply chains and look for weaknesses they can exploit to discreetly enter another target environment. In this case, attackers targeted the SolarWinds Orion Platform to infiltrate the supply chain that helps businesses manage networks, systems, and information technology infrastructure. This attack leveraged the trust associated with the supplier and certificate to insert targeted code to use in a larger campaign.

Based on research, this attack represents nation-state activity at significant scale, aimed at both the government and private sector. The actor is known to be focused on high value targets such as government agencies and cybersecurity companies.

Microsoft Defender for Endpoint detects this attack. It raises an alert when it detects the threat on your device; however, to avoid adverse impact on legitimate services Microsoft Defender for Endpoint will not automatically remediate it.

Microsoft Defender Antivirus protects against this threat. It blocks the known malicious SolarWinds binaries associated with this threat on your device.

[Read the full analyst report](#)

Devices with alerts over time ⓘ



Secure configuration status ⓘ

1.41k misconfigured devices



[View mitigation details](#)

Devices with alerts

0 devices with active alerts

Vulnerability patching status ⓘ

0 vulnerable devices



[View mitigation details](#)

Seuraavat vaiheet

- 01.** Katso Solorigate-videosarja tästä sijainnista
- 02.** Saat lisää päivityksiä Microsoft Security -sivustosta:
www.microsoft.com/en-us/security/business
- 03.** Lue blogitekstit osoitteesta
www.microsoft.com/security/blog

<https://aka.ms/solorigate>

