Shopping client requirements

Design   Install   Verify

Summary

Information that will help you design and plan the implementation of **Shopping** in your organization. This includes all the prerequisites and dependencies, which are necessary to install 1E Client with Shopping client enabled.

For a full understanding of Shopping and WSA features and their configuration please refer to Shopping 6.0 documentation.

> ✅ Shopping client features are not required if the 1E Client is being installed only to support Tachyon, Nomad, or WakeUp.

Information provided by the Shopping client

The following details are provided by the Shopping client, when a user browses to the Shopping Web Portal, and the website uses the loopback feature to query the local computer.

Attribute	Description	Example
UniqueId	Configuration Manager client GUID	GUID:04804aed-922c-4a4b-9f41-eab6592e7d83
AssignedSite	Configuration Manager client Site code	CM1
MacAddress	Computer's MAC Address	20-68-9D-5B-EB-73
HostName	Computername	1EUKCOL1184
HostDomainName	Computer's NetBIOS Domain Name	1E
OSVersion	OS Version	6.3.9600
OSArchitecture	OS Architecture	64-bit
OSRole	Workstation or Server	1
SccmVersion	Configuration Manager client version	5.00.8239.1203

You can confirm Shopping is able to get these "Probe details" via your browser by going to the Shopping portal and navigating to **Preferences Diagnostics** page, or using the URL **https://<shopping>/Shopping/context**

The diagnostics page also displays the **Timezone** of the browser (as minutes ahead of UTC), and does not display the **SccmVersion**. It also shows Identity details stored in the Shopping database that Shopping has obtained from Active Directory about your user account and machine details.

Loopback feature

If users are using Edge or Metro browsers then you must enable the loopback feature. This feature implements a mechanism for passing information between the Shopping client, the browser's secure sandboxed environment and the local machine. This mechanism affects these browsers as a whole and is not just restricted for use by Shopping.

> ⚠️ Before enabling the loopback feature, check your security policy on enabling loopback and be aware of the implications of allowing access between browsers and the local machine.

Checking loopback exemption on Microsoft Edge and Metro Internet Explorer browsers

The following is valid only for Windows 8.1 and Windows 10.

Open a **command-prompt as administrator** on the computer you want to check, then run the following command to verify that loopback exemption was enabled during installation of the 1E Client.

```
CheckNetIsolation LoopbackExempt -s
```

Output should be:

```
C:\WINDOWS\system32>checknetisolation loopbackexempt -s

List Loopback Exempted AppContainers

[1] ----------------------------------------------------------------
    Name: 001
    SID:  S-1-15-2-3624051433-2125758914-1423191267-1740899205-1073925389-3782572162-737981194-4256926629-1688279915-2739229046-3928706915

[2] ----------------------------------------------------------------
    Name: microsoft.microsoftedge_8wekyb3d8bbwe
    SID:  S-1-15-2-3624051433-2125758914-1423191267-1740899205-1073925389-3782572162-737981194

OK.
```

If either of these items are missing, you can manually add them by executing the following commands. Quotes may be required around the name of the app.

For IE:

```
CheckNetIsolation LoopbackExempt -a -n=windows_ie_ac_001
```

For Edge:

```
CheckNetIsolation LoopbackExempt -a -n=Microsoft.MicrosoftEdge_8wekyb3d8bbwe
```

Removing

The exemption from loopback restrictions can also be removed for all apps installed by using the following command:

```
CheckNetIsolation LoopbackExempt –c
```

More information

For more information from Microsoft about CheckNetIsolation please refer to: https://docs.microsoft.com/en-us/previous-versions/windows/apps/hh780593(v=win.10).

Firewall ports

Please refer to Shopping communication ports.