Threat Modeling Report

Created on 11/12/2019 12:08:09 PM

Threat Model Name:

Owner:

Reviewer:

Contributors:

Description:

Assumptions:

External Dependencies:

Threat Model Summary:

Not Started	0
Not Applicable	0
Needs Investigation	4
Mitigation Implemented	2
Total	6
Total Migrated	0

Diagram: Diagram 1
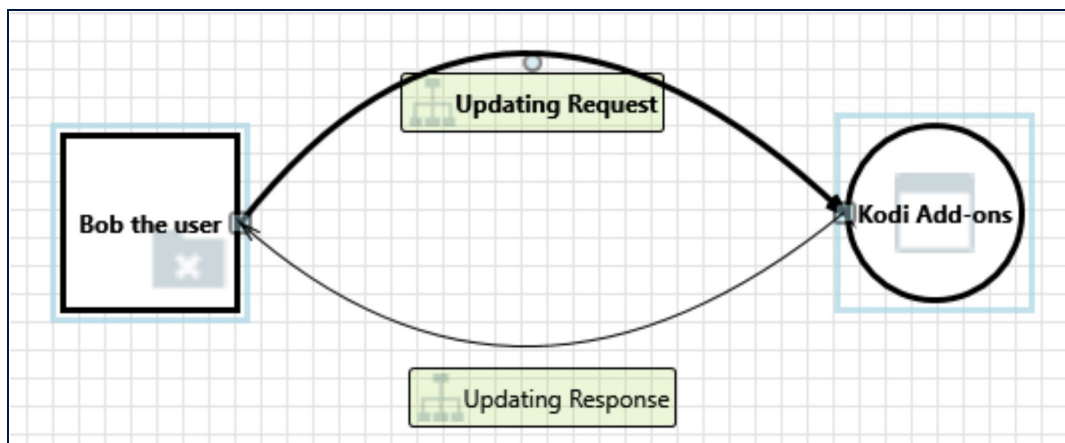
Diagram 1 Diagram Summary:

Not Started	0
Not Applicable	0
Needs Investigation	0
Mitigation Implemented	2
Total	2
Total Migrated	0

Interaction: Updating Request
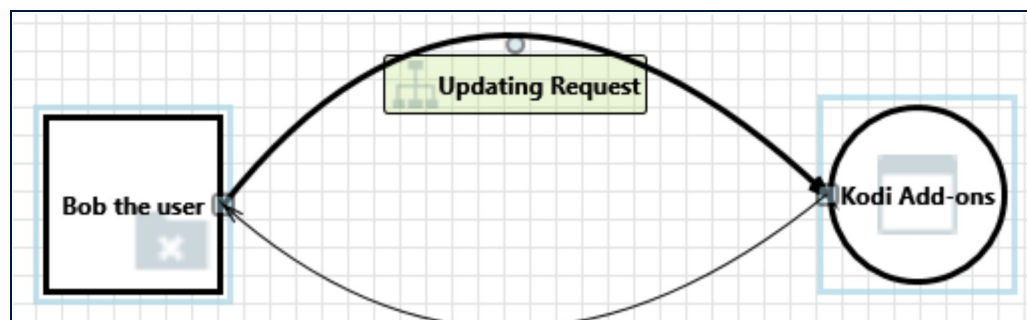
1. Spoofing the User External Entity   [State: Mitigation Implemented] [Priority: High]

Category:	Spoofing
Description:	Bob the user may be spoofed by an attacker and this may lead to unauthorized access to Kodi Add-ons. Consider using a standard authentication mechanism to identify the external entity.
Justification:	Bob the user should set a PIN that will be his authentication.

2. Elevation Using Impersonation   [State: Mitigation Implemented] [Priority: High]

Category:	Elevation Of Privilege
Description:	Kodi Add-ons may be able to impersonate the context of Bob the user in order to gain additional privilege.
Justification:	When Bob the user updates his Add-ons he has used his PIN to gain authentication.

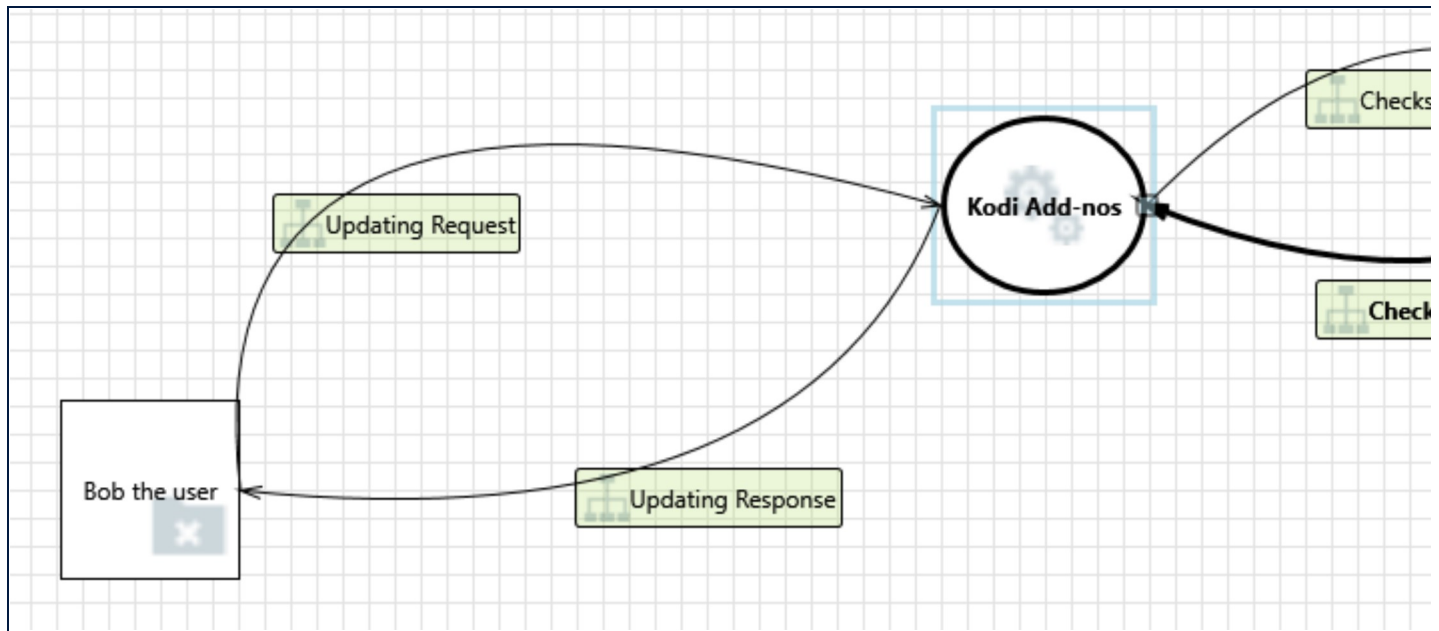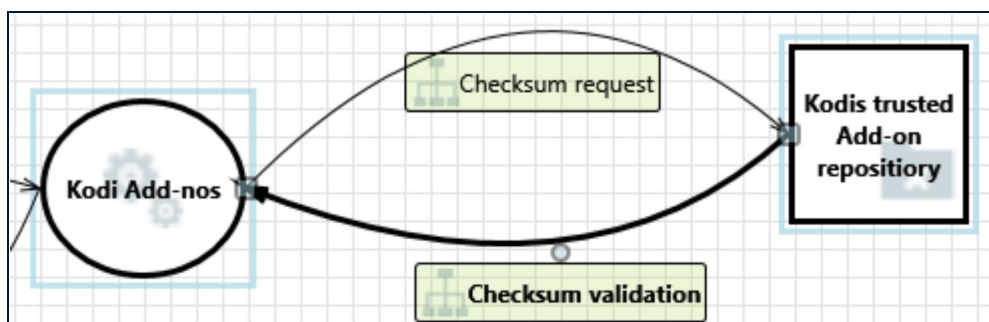# Diagram: Diagram 2

Diagram 2 Diagram Summary:

Not Started	0
Not Applicable	0
Needs Investigation	4
Mitigation Implemented	0
Total	4
Total Migrated	0

Interaction: Checksum validation

3. Elevation Using Impersonation   [State: Needs Investigation] [Priority: High]

Category: Elevation Of Privilege

Description: Kodi Add-nos may be able to impersonate the context of Kodis trusted Add-on repositiory in order to gain additional privilege.
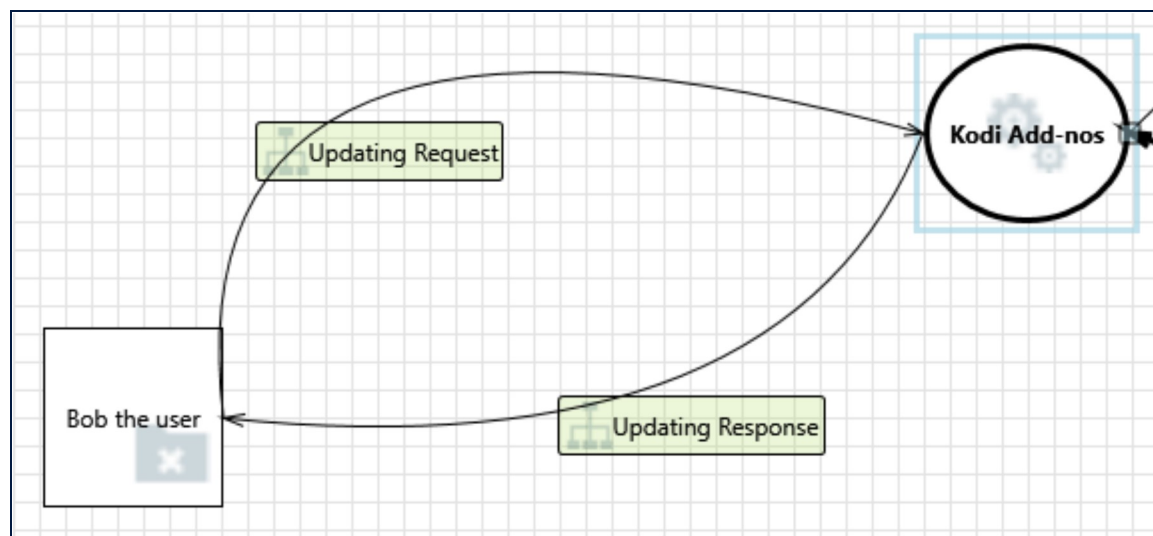
Justification: <no mitigation provided>

4. Spoofing the Kodis tursted Add-on repositiory External Entity   [State: Needs Investigation] [Priority: High]

Category: Spoofing

Description: Kodis trusted Add-on repositiory may be spoofed by an attacker and this may lead to unauthorized access to Kodi Add-nos. Consider using a standard authentication mechanism to identify the external entity.

Justification: <no mitigation provided>

Interaction: Updating Request

5. Elevation Using Impersonation   [State: Needs Investigation] [Priority: High]

Category: Elevation Of Privilege

Description: Kodi Add-nos may be able to impersonate the context of Bob the user in order to gain additional privilege.

Justification: <no mitigation provided>

6. Spoofing the Bob the user External Entity   [State: Needs Investigation] [Priority: High]

Category: Spoofing

Description: Bob the user may be spoofed by an attacker and this may lead to unauthorized access to Kodi Add-nos. Consider using a standard authentication mechanism to identify the external entity.

Justification: <no mitigation provided>