Credential

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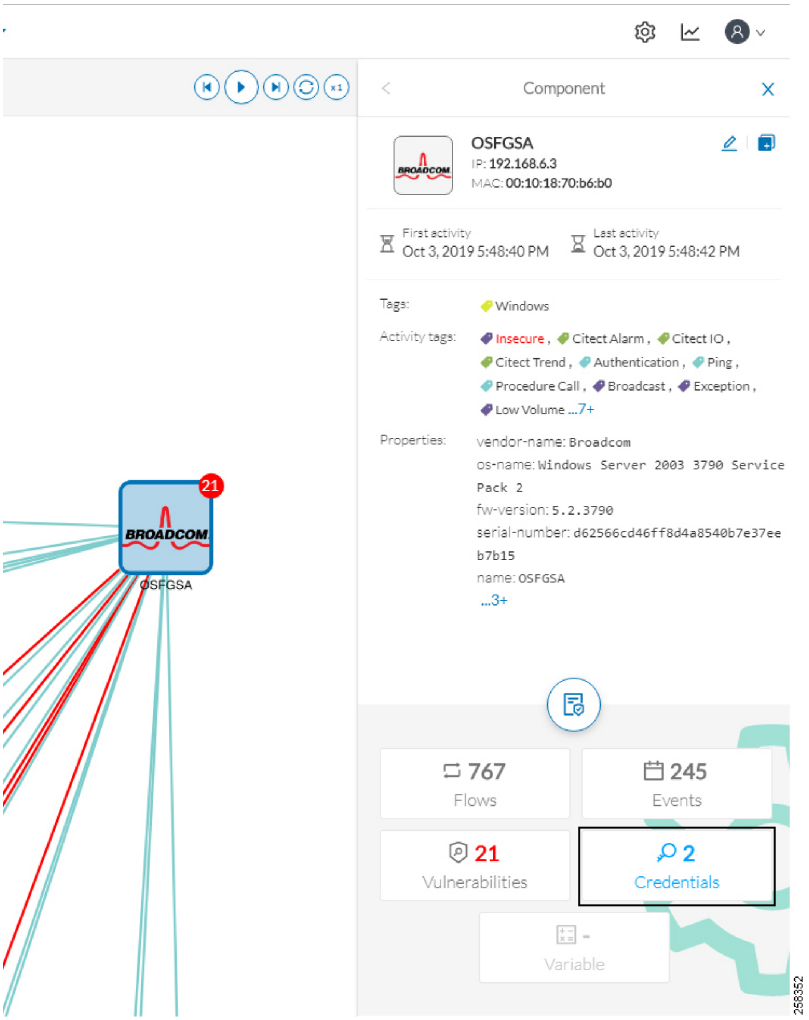
Credentials

Credentials are logins and passwords that circulate between components over the network. Such sensitive data sometimes carry cleartext passwords when unsafe; and if credentials are visible on Cisco Cyber Vision, then they're potentially visible to anyone on the network. Credentials visibility on Cisco Cyber Vision should trigger awareness towards actions to be taken to properly secure the protocols used on a network.

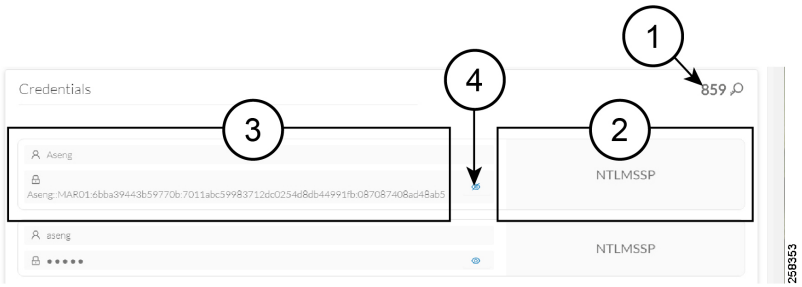
A component's right side panel showing the number of credentials detected:



Credential frames are extracted from the network thanks to Deep Packet Inspection. Credentials are then accessible from a component's technical sheet under the security tab. You will find the number of credentials found **(1)**, the protocol used **(2)**, and the user name and password **(3)** with a button to unveil it **(4)**. If a password appears in clear text, then action should be taken to secure it whether it is hashed or not.

An unsafe password:

A hashed password:


1
4
Credentials
859
3
2
Aseng
Aseng:MAR01:6bba39443b59770b:7011abc59983712dc0254d8db44991fb:087087408ad48ab5
NTLMSSP
aseng
NTLMSSP
258353