**Script writer:** Marty Hale-Evans

**Word count (“Script here” column only):** 241

**Position in CCC content (e.g., M1L1):** XXX

**Note:** File naming convention is CS01, CS02 for cybersecurity videos 1 and 2, etc., and DA01, DA02 for data analytics videos 1 and 2, etc. For simplification of tracking, please do not name module or lesson number in the file name.

#### Video title: Authentication and Authorization

| **Scene** | **Script here** | **OST (on-screen text)** | **Visual type here** |
| --- | --- | --- | --- |
| 1 | If you try to enter a high-security event, someone at the event will check to make sure you’re supposed to be there before letting you in. They’ll check that you’re who you say you are, and that you’re on the list to get in. |  | **ANIMATION**  Line of people waiting to get into an event behind a velvet rope. There’s a bouncer with a clipboard. People in line fidget. |
| 2 | In a similar way, network authentication and authorization work to verify identity and approval for access for the purpose of allowing or denying usage of a network. |  | **ANIMATION**  Same line. Bouncer disappears, clipboard turns into a login screen, rope turns into circuit lines leading into the building behind them. |
| 3 | Authentication confirms the identity of a user or device. | **Authentication**  confirms the identity of a user or device |  |
| 4 | The system uses credentials such as usernames and passwords, digital certificates, or biometric factors like fingerprints or facial recognition to make sure the user is who they say they are. |  | **ANIMATION**  Login screen with password box turns back into a bouncer, who holds out a hand. The person at the head of the line produces and hands over an ID. |
|  |  |  |  |
| 5 | Authorization determines whether a user or device is allowed access to a specific network resource. | **Authorization**  determines whether a user or device is allowed access to a specific network resource |  |
| 6 | The network administrator or security policy typically defines the role, permissions, and access rights of a user or device. |  | **ANIMATION**  Person at a computer types, a list is on the screen that shows names and roles (manager, editor, read-only, etc.) |
| 7 | When a user tries to log in, the system will check to see that the user and device are authorized to use a network before allowing them to access it. |  | **ANIMATION**  Screen from previous scene turns into clipboard, the bouncer looks at it, a red x appears, the bouncer shakes their head, and the person leaves. |
| 8 | Authentication and authorization work together to affirm identity and access. Both are required to make sure each user is who they appear to be, and that each authorized user is approved to use the network and its resources. | **Authentication and authorization**  work together to affirm identity and access |  |
| 9 | The security of network resources relies on authentication and authorization. It protects sensitive information and ensures that users can trust everyone on the network and work together with confidence. |  | **ANIMATION**  Bouncer nods at the next person in line. Viewpoint follows the person and circuit lines into the building where people are busily working on networked devices. Maybe the area doesn’t look exactly like a party, but it could look a little bit fun. |

**Instructions for “Visual type” column:**

* Lower third
  + Lower thirds are the name and title of the person on screen, and should be used the first time we meet someone. Please make sure we have correct spellings and titles.
* Text on screen
  + This can be a few words, a phrase, or a full sentence.
* Quote on screen
  + Provide both the quote and attribution (if necessary).
* Bullets on screen
  + Include if we need a header for the list or bullets only.
* Image on screen
  + Include links to all external photos/videos you’d like us to use. PNG or JPG are preferred, at the highest resolution available.
  + Include name of the image/video file if it’s not clear.
  + If you don’t have an exact image to use, please describe what type of image you’d like to use.
* Animation on screen
  + Please include a description of what you’d like to see here.
    - For example: I want to see a Venn diagram of X, Y, and Z.
  + If you have a link to an image you’d like us to reference, please include it.
* Slides
  + Include slide number to use (animations within slides are ok) either exactly as provided, or as a reference.