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| --- | --- |
| **Course** | **ITNT-2130 - Network Design** |
| **Assignment** | **DPR02 - Device Naming Convention** |
|  |  |
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| **Semester** | Winter 2024 |

Based on the information from the diagram, the RFP and the discussions in class, create naming conventions for the following devices at Waycool college:

* Switches
* Wireless access points
* Firewall

This naming convention is ONLY for network devices, not PCs, laptops, printers or servers.

Remember that this naming convention will need to be flexible enough to be used at other locations around the country.

**Watch the video in Canvas for more explanation about how a naming convention works.**

**Naming Convention – Description of standard. Number of characters for each part of the name.**

**Example: DO NOT USE THIS – IT IS A BAD EXAMPLE!**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Components** | Component 1 | Component 2 | Component 3 | Component 4 | Component 5 | Component 6 |
| **Description** | **Device**  **Type** | **State** | **Vendor** | **Building** | **Index Number** |  |
| **# of Characters** | 6 | 4 | 4 | 3 | 2 |  |
| **Example** | Switch | Mich | Cisc | Eng | 01 |  |

**Completed Naming Convention – Examples of usage**

Using the standard created above demonstrate how the standard would be applied for these devices and locations.

|  |  |
| --- | --- |
| **Device and Location** | **Completed example** |
| Switch in Michigan | SwitchMichCiscEng01 |

**Naming Convention – Description of standard. Number of characters for each part of the name.**

**YOUR EXAMPLE:** Use the Waycool College campus in **Warren, Michigan** for the example below:

NOTE! You do not need to use all columns – or you can add more columns if needed

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Components** | Component 1 | Component 2 | Component  3 | Component 4 | Component  5 | Component 6 | Component 7 | Component 8 |
| **Description for device** | State | City | Hyphen | Building | Hyphen | Device Type | Manufacturer | Index # |
| **# of Characters** | 2 | 4 | 1 | 3 | 1 | 2 | 3 | 2 |
| **Example** | MI | WARR | - | HIS | - | SW | CIS | 01 |

**Completed Naming Convention – Examples of usage**

Use the standard created above and demonstrate how the standard would be applied for TWO examples of each device at the Waycool College campus in **Packerton, Wisconsin**.

|  |  |  |
| --- | --- | --- |
|  | **Device 1** | **Device 2** |
| **Switch** | WIPACK-LIB-SWCIS01 | WIPACK-LIB-SWCIS02 |
| **Wireless Access point** | WIPACK-POL-APCIS01 | WIPACK-POL-APCIS02 |
| **Firewall** | WIPACK-NMV-FWCIS01 | WIPACK-MCR-FWCIS01 |

(For firewall examples building location, first one is Network Management VLAN and second one is Main Computer Room.)

Use the standard created above and demonstrate how the standard would be applied for TWO examples of each device at the Waycool College campus in **Waterbury, Ohio**.

|  |  |  |
| --- | --- | --- |
|  | **Device 1** | **Device 2** |
| **Switch** | OHWATB-VOI-SWCIS01 | OHWATB-ENG-SWCIS01 |
| **Wireless Access point** | OHWATB-ADM-APCIS01 | OHWATB-ADM-APCIS02 |
| **Firewall** | OHWATB-HIS-FWCIS01 | OHWATB-NMV-FWCIS01 |