

| #  | Organization           | Commentor   | Type  | Page # | Line # | Section                   | Comment (Include rationale for comment)   | Suggested change  |
|----|------------------------|-------------|-------|--------|--------|---------------------------|---|---|
| 1  | HISP Institute (HISPI) | Taiye Lambo | Major | ALL    | ALL    | ALL                       | The 107 Sub Categories only cover 5 of the 20 HISPI Top 20 Mitigating Controls that are based on real world control failures  | See more information here <a href="https://twitter.com/InsideCyber/status/385728777499578368">https://twitter.com/InsideCyber/status/385728777499578368</a> and <a href="http://www.tripwire.com/state-of-security/regulatory-compliance/cyber-security-framework-murky-cloud-security-issues/">http://www.tripwire.com/state-of-security/regulatory-compliance/cyber-security-framework-murky-cloud-security-issues/</a> |
| 2  | HISP Institute (HISPI) | Taiye Lambo | Major | ALL    | ALL    | ALL                       | The word cloud is only mentioned twice in the latest NIST CSF draft, and very casually at that. The Functions, Categories, Sub Categories in the latest NIST CSF draft do not specifically call out or even attempt to address cloud related risks. | See more information here <a href="http://www.tripwire.com/state-of-security/regulatory-compliance/cyber-security-framework-murky-cloud-security-issues/">http://www.tripwire.com/state-of-security/regulatory-compliance/cyber-security-framework-murky-cloud-security-issues/</a>   |
| 3  | HISP Institute (HISPI) | Taiye Lambo | Minor | 13     | 466    | ID.AM-1                   | Not all assets are critical and some assets are external such as cloud service provider managed assets  | Add "Critical" to the beginning of this sub-category and change "within" to "within and external to"  |
| 4  | HISP Institute (HISPI) | Taiye Lambo | Minor | 13     | 466    | ID.AM-2                   | Not all assets are critical and some assets are external such as cloud service provider managed assets  | Add "Critical" to the beginning of this sub-category and change "within" to "within and external to"  |
| 5  | HISP Institute (HISPI) | Taiye Lambo | Minor | 13     | 466    | Asset Management (AM)     | "risk strategy" does not seem to be the appropriate terminology here.   | Change "risk strategy" to "risk tolerance / appetite" or "risk management program"  |
| 6  | HISP Institute (HISPI) | Taiye Lambo | Minor | 14     | 466    | Business Environment (BE) | "risk decisions" does not seem to be the appropriate terminology here.  | Change "risk decisions" to "risk tolerance / appetite" or "risk management program"   |
| 7  | HISP Institute (HISPI) | Taiye Lambo | Minor | 17     | 466    | PR.AC-2                   | The need for sub category effectiveness should be stressed  | Change "secured" to "secured effectively"   |
| 8  | HISP Institute (HISPI) | Taiye Lambo | Minor | 17     | 466    | PR.AC-3                   | The need for sub category effectiveness should be stressed  | Change "managed" to "managed effectively"   |
| 9  | HISP Institute (HISPI) | Taiye Lambo | Minor | 17     | 466    | PR.AC-4                   | The need for sub category effectiveness should be stressed  | Change "managed" to "managed effectively"   |
| 10 | HISP Institute (HISPI) | Taiye Lambo | Minor | 17     | 466    | PR.AC-5                   | The need for sub category adequacy should be stressed   | Change "protected" to "adequately protected"  |

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| 11 | HISP Institute (HISPI) | Taiye Lambo | Minor | 17 | 466 | PR.AT-1             | This statement is incomplete   | Add "about their roles and responsibilities" to the end of this statement  |
| 12 | HISP Institute (HISPI) | Taiye Lambo | Minor | 18 | 466 | PR.DS-1             | The need for sub category adequacy should be stressed  | Change "protected" to "adequately protected"   |
| 13 | HISP Institute (HISPI) | Taiye Lambo | Minor | 18 | 466 | PR.DS-2             | The need for sub category effectiveness should be stressed                                     | Change "secured" to "secured effectively"  |
| 14 | HISP Institute (HISPI) | Taiye Lambo | Minor | 19 | 466 | PR.DS-4             | The need for sub category adequacy should be stressed  | Change "maintained" to "adequately maintained"   |
| 15 | HISP Institute (HISPI) | Taiye Lambo | Minor | 19 | 466 | PR.DS-6             | The need for sub category adequacy should be stressed  | Change "protected" to "adequately protected"   |
| 16 | HISP Institute (HISPI) | Taiye Lambo | Minor | 19 | 466 | PR.DS-8             | Focus on the need to separate development, test and production environments                    | Change "Separate testing environments are used in system development" to "Separate development, testing and production environment maintained" |
| 17 | HISP Institute (HISPI) | Taiye Lambo | Minor | 20 | 466 | PR.IP-5             | Narrow this sub category down to environmental regulations                                     | Change "regulation" to "environmental regulations"   |
| 18 | HISP Institute (HISPI) | Taiye Lambo | Minor | 21 | 466 | PR.PT-4             | Explicitly define "wired and wireless" communication networks                                  | Add "Wired and wireless" to the beginning of this sub category   |
| 19 | HISP Institute (HISPI) | Taiye Lambo | Minor | 22 | 466 | PR.PT-5             | "the risk analysis" does not read well   | Change "the risk analysis" to "risk analysis"  |
| 20 | HISP Institute (HISPI) | Taiye Lambo | Minor | 22 | 466 | DE.CM-4             | The need for sub category effectiveness should be stressed                                     | Change "detected" to "detected effectively"  |
| 21 | HISP Institute (HISPI) | Taiye Lambo | Minor | 23 | 466 | DE.CM-5             | The need for sub category effectiveness should be stressed                                     | Change "detected" to "detected effectively"  |
| 22 | HISP Institute (HISPI) | Taiye Lambo | Minor | 23 | 466 | DE.CM-6             | The need for sub category effectiveness should be stressed                                     | Change "monitored" to "monitored effectively"  |
| 23 | HISP Institute (HISPI) | Taiye Lambo | Minor | 23 | 466 | DE.CM-7             | The need for sub category effectiveness should be stressed                                     | Change "monitored" to "monitored effectively"  |
| 24 | HISP Institute (HISPI) | Taiye Lambo | Minor | 23 | 466 | DE.CM-8             | Stress the need to perform vulnerability assessments periodically                              | Change "performed" to "performed periodically"   |
| 25 | HISP Institute (HISPI) | Taiye Lambo | Minor | 23 | 466 | DE.DP-3             | Incomplete statement   | Change "readiness" to "incident readiness"   |
| 26 | HISP Institute (HISPI) | Taiye Lambo | Minor | 24 | 466 | Communications (CO) | The need for cooperation with international law enforcement agencies needs to be stressed here | Change "federal, state, and local law enforcement agencies" to "international, federal, state, and local law enforcement agencies"             |

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| 27 | HISP Institute (HISPI) | Taiye Lambo | Minor | 25 | 466 | Recovery Planning (RP) | "events" does not seem to be the appropriate terminology here. | Change "cybersecurity events" to "cybersecurity incidents" |
| 28 | HISP Institute (HISPI) | Taiye Lambo | Minor | 25 | 466 | RC.CO-1                | The need for sub category effectiveness should be stressed     | Change "managed" to "managed effectively"                  |
| 29 | HISP Institute (HISPI) | Taiye Lambo | Minor | 25 | 466 | RC.CO-2                | The need for sub category effectiveness should be stressed     | Change "repaired" to "repaired effectively"                |