禪

[illegible]

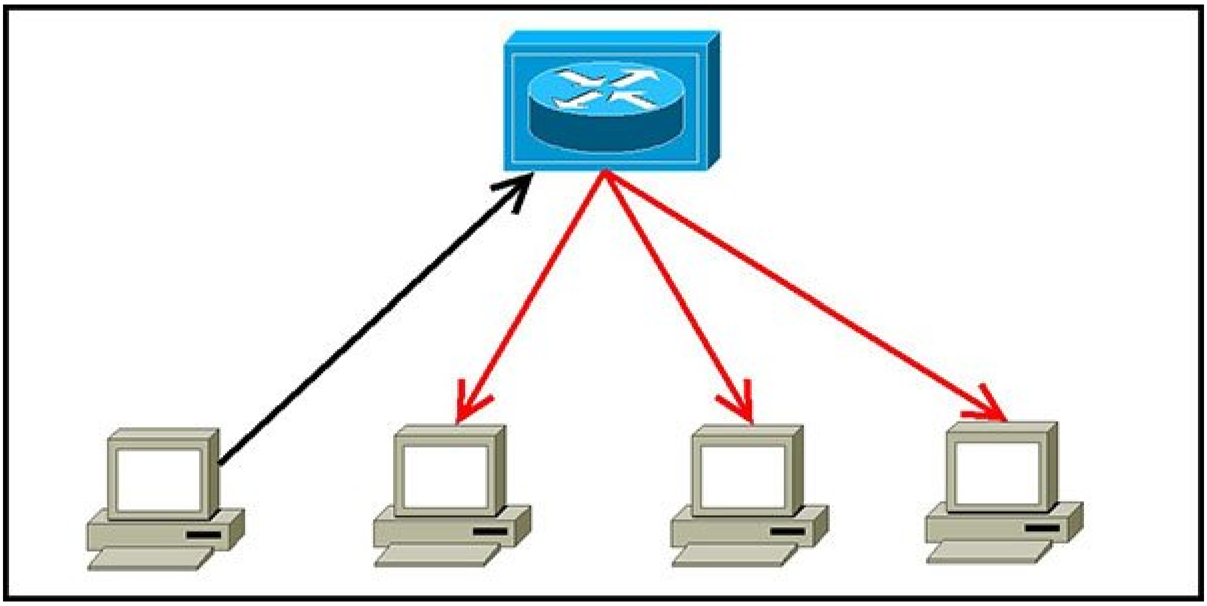
[illegible]

[illegible] (passive hub)[illegible] (active hub) [illegible] (intelligent hub).

[illegible]

[illegible]

[illegible] (signal collision) [illegible].



[illegible] 1. [illegible] ([illegible]).

[illegible]

[illegible]:

1. [illegible] **(passive hub):** [illegible].
2. [illegible] **(active hub):** [illegible] «[illegible]» [illegible].
3. [illegible] **(intelligent hub):** [illegible] (SNMP) [illegible] ...[illegible].

[illegible] 2. [illegible]

[illegible]

- [illegible]
- [illegible]
- [illegible]

[illegible]

- [illegible]
- [illegible] (signal collision) [illegible]
- [illegible] (network sniffing) [illegible]
- [illegible] (half-duplex) [illegible] (full-duplex) [illegible]

[illegible]

[illegible]:

[illegible] [illegible]

[illegible] [illegible]:

[illegible] [illegible]

[illegible] [illegible]:

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[illegible]:

[illegible] - [illegible] - [illegible] - [illegible] - [illegible] - [illegible] active - [illegible] - [illegible] - passive - [illegible] - [illegible] smart - [illegible] intelligent - [illegible] - [illegible] - [illegible] - [illegible] - [illegible]

[illegible]

[illegible]: https://www.shabakeh-mag.com/networking-technology/16151/%D9%87%D8%A7%D8%A8-%D8%B4%D8%A8%DA%A9%D9%87-%DA%86%DB%8C%D8%B3%D8%AA%D8%9B-%D8%A7%D9%86%D9%88%D8%A7%D8%B9-%D9%87%D8%A7%D8%A8-%D9%88-%D9%85%D8%B2%D8%A7%DB%8C%D8%A7-%D9%88-%D9%85%D8%B9%D8%A7%DB%8C%D8%A8-%D8%A2%D9%86