AUTH_NONE and security negotiation

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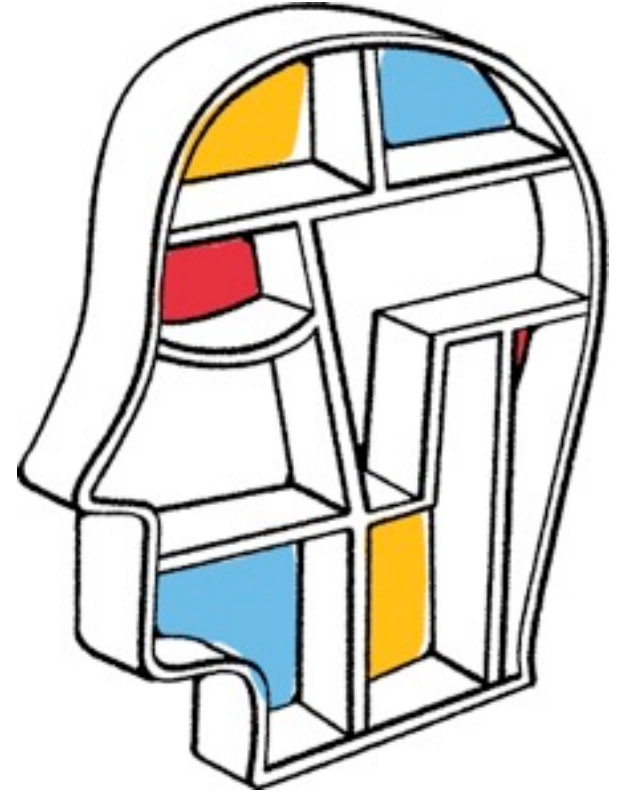
Problem statement

- Client response to server's use of sec=none not well defined
- Allows any security flavor not yet defined
  - Solaris (tm)
  - Data ONTAP (tm)

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Examples

- -sec=sys,none
  - AUTH_SYS comes in as normal
  - All other flavors are anonymized
- -sec=krb5i,none,krb5p,krb5
  - AUTH_SYS is anonymized
  - order does not matter

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Another way to interpret it

- Only allow a client which is mounting with AUTH_NULL
- Linux client does it this way

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Informational RFC

- Document the best practice
- Allow interoperability

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