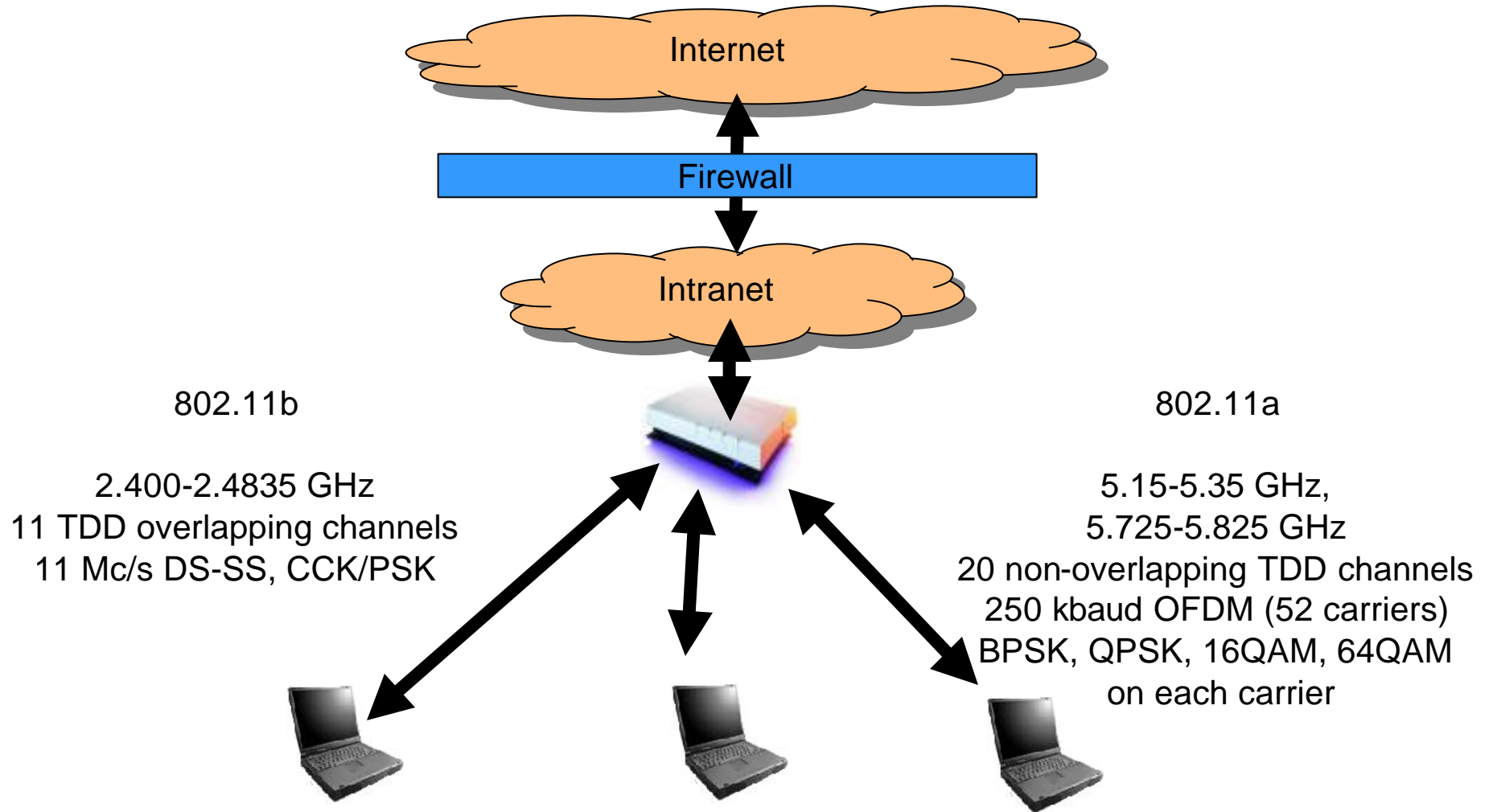
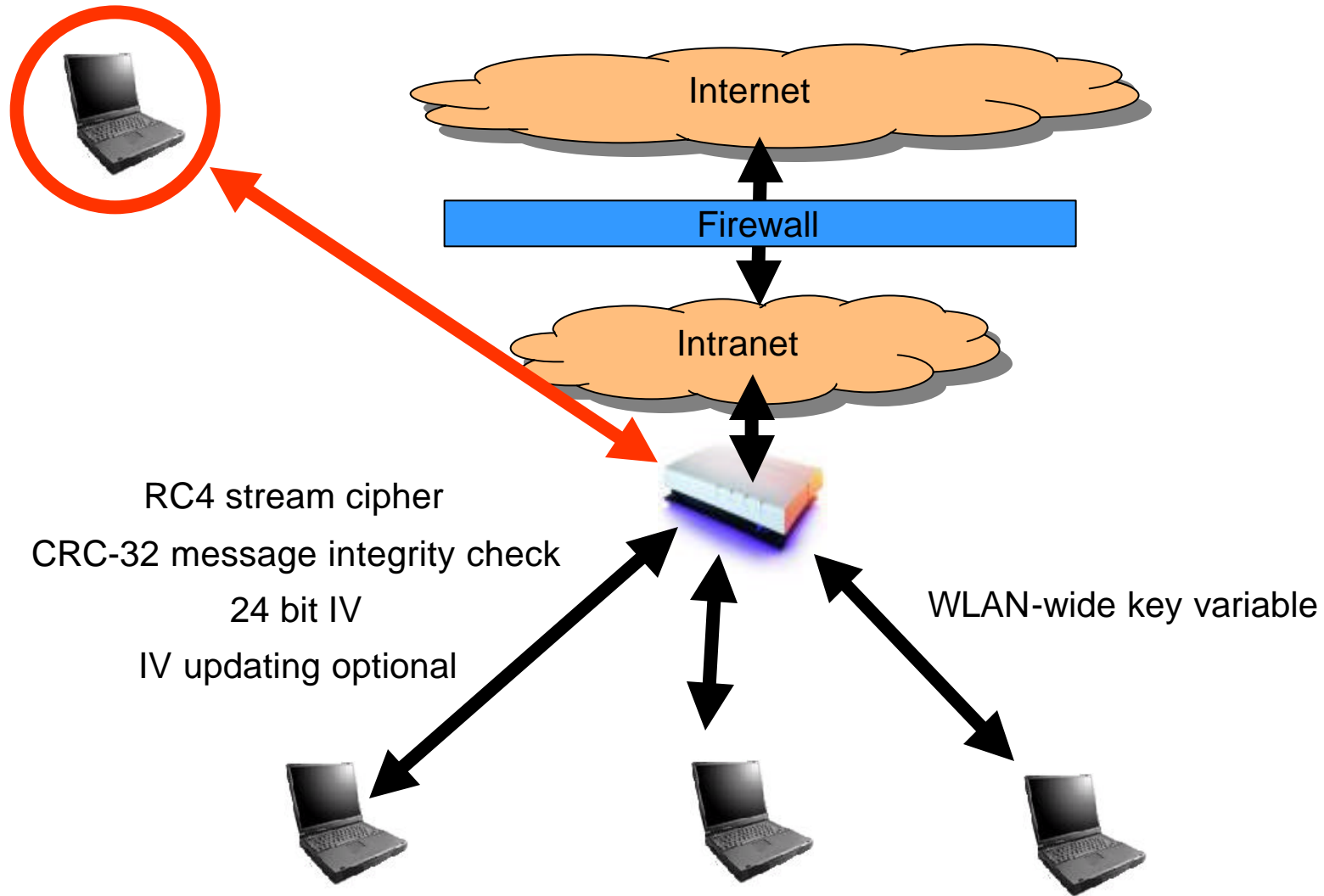


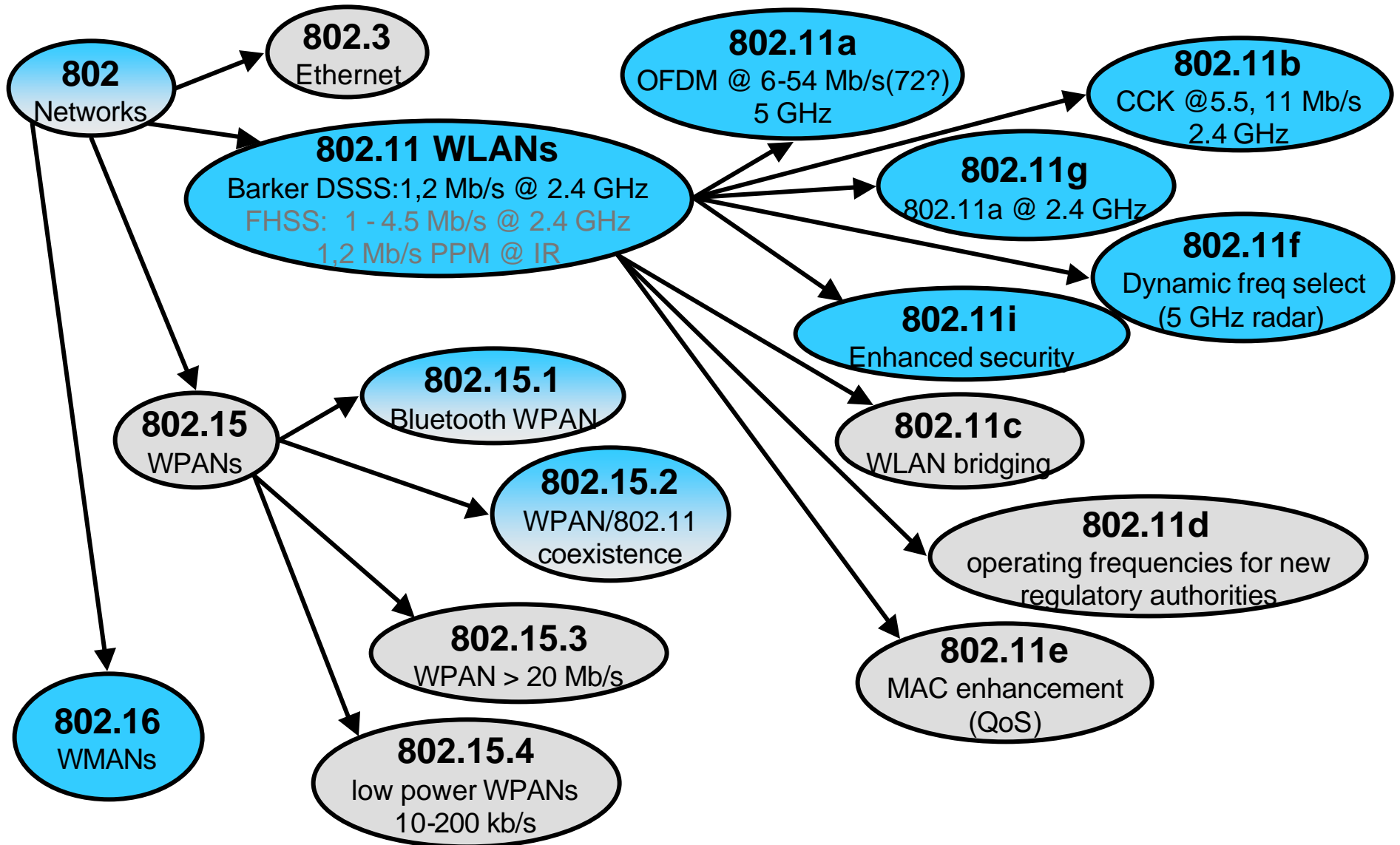
Case 6 – Wireless LANs 802.11a, b, g



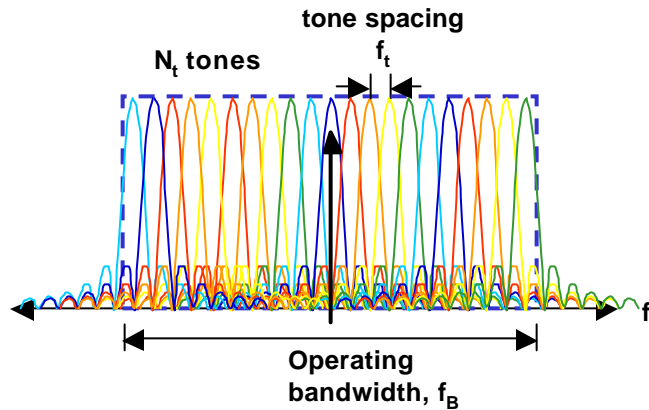
Case 6 – Wireless LANs 802.11a, b, g



IEEE 802 Standards (Alphabet Soup)



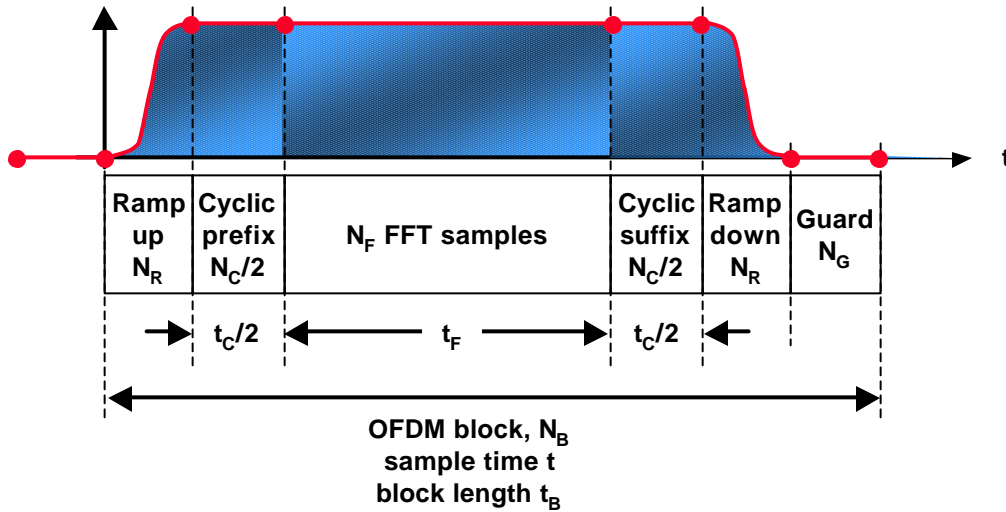
OFDM Basics



Total bandwidth $f_B = N_t f_t$

Tone spacing vs active block time $f_t = \frac{1}{t_F}$

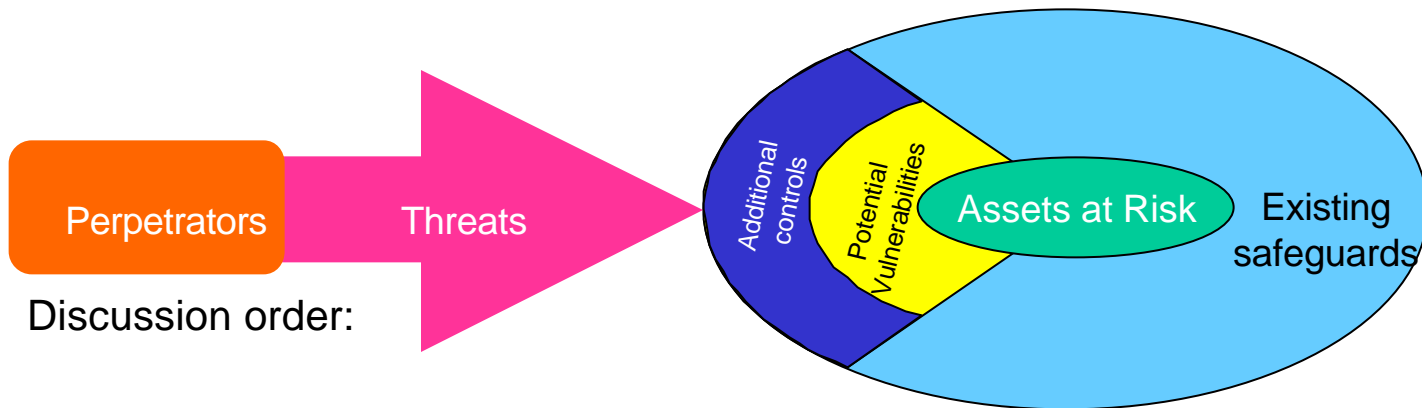
$$N_B = 2N_R + N_C + N_G + N_F$$



Block efficiency $h = \frac{N_F}{N_B} = \frac{N_F}{N_F + N_C + 2N_R + N_G}$

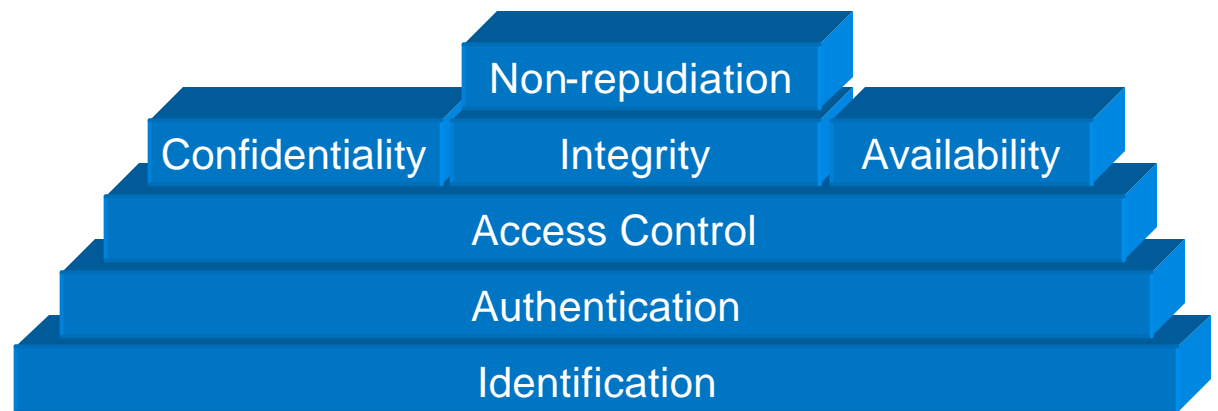
Tolerance to delay spread $\approx t_C \propto N_C$

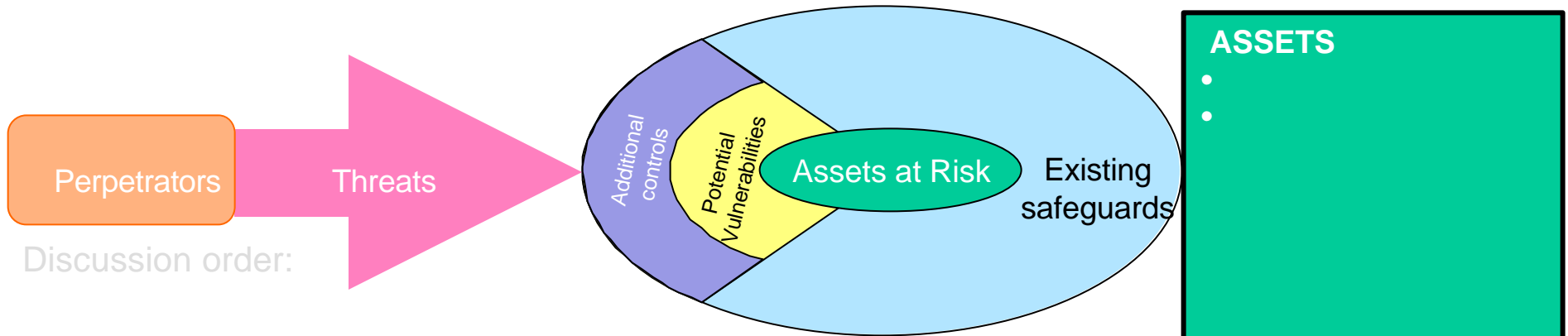
Raw capacity for M-ary tone modulation $N_t M$



Discussion order:

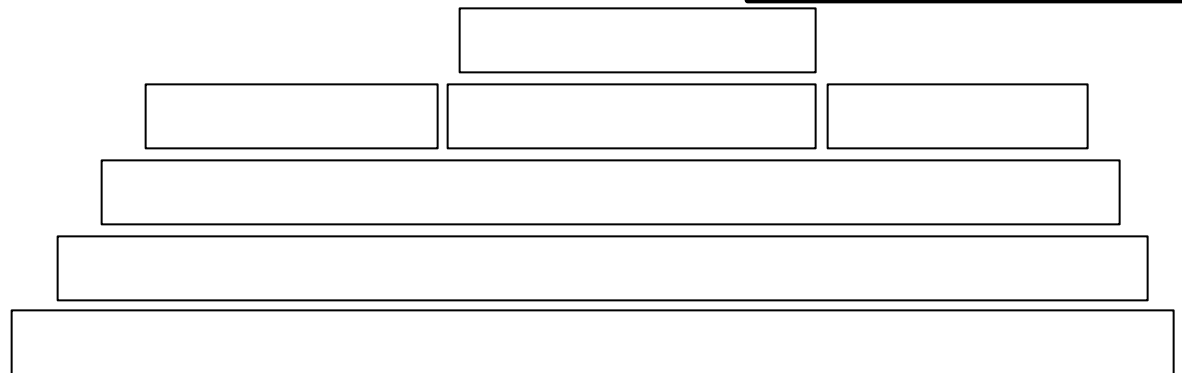
- Assets
- Perpetrators
- Threats
- Existing Safeguards
- Potential Vulnerabilities
- Additional Security Controls

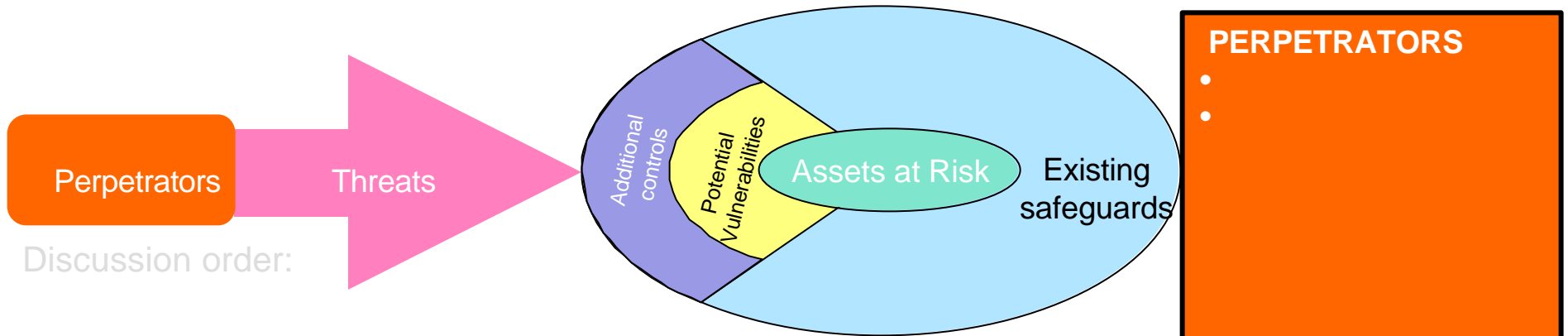




Discussion order:

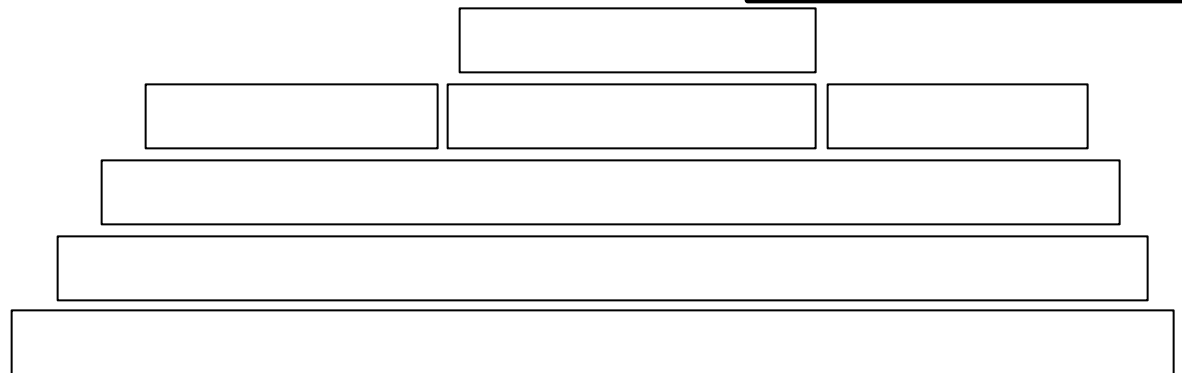
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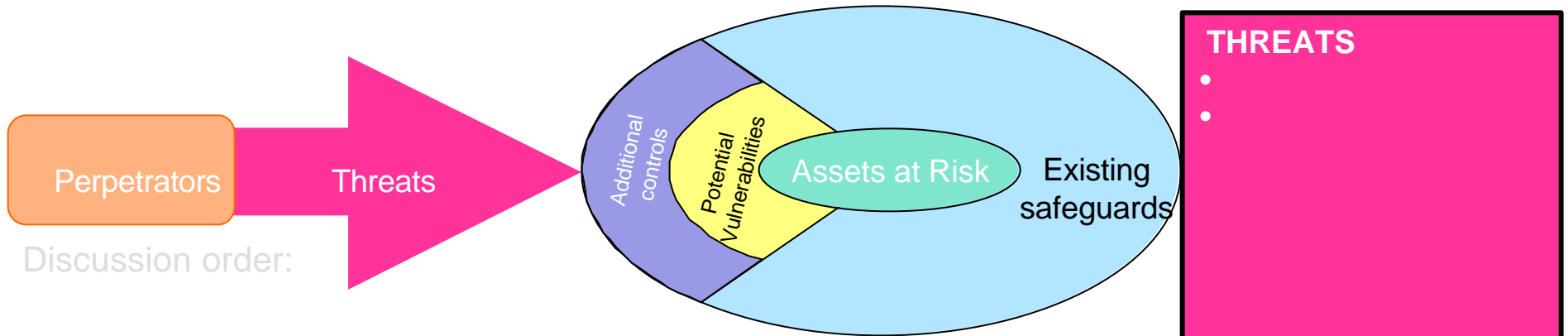




Discussion order:

- Assets
- Perpetrators
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- Additional Security Controls



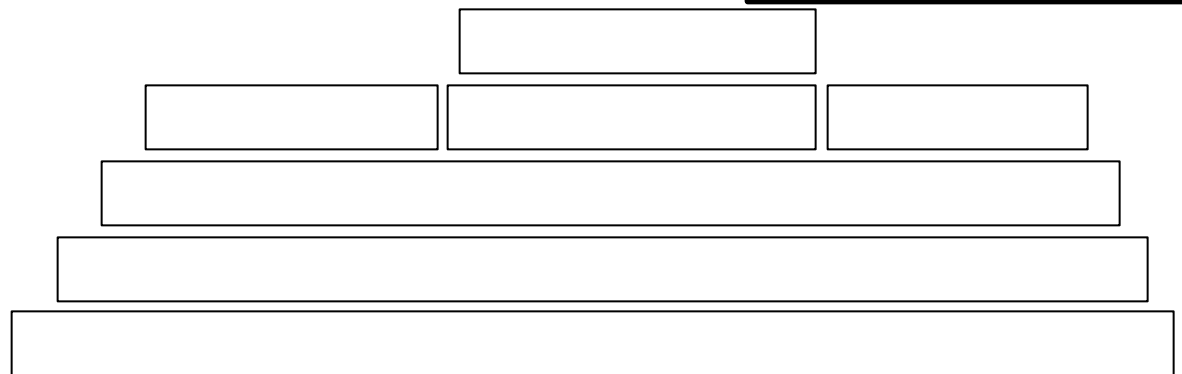


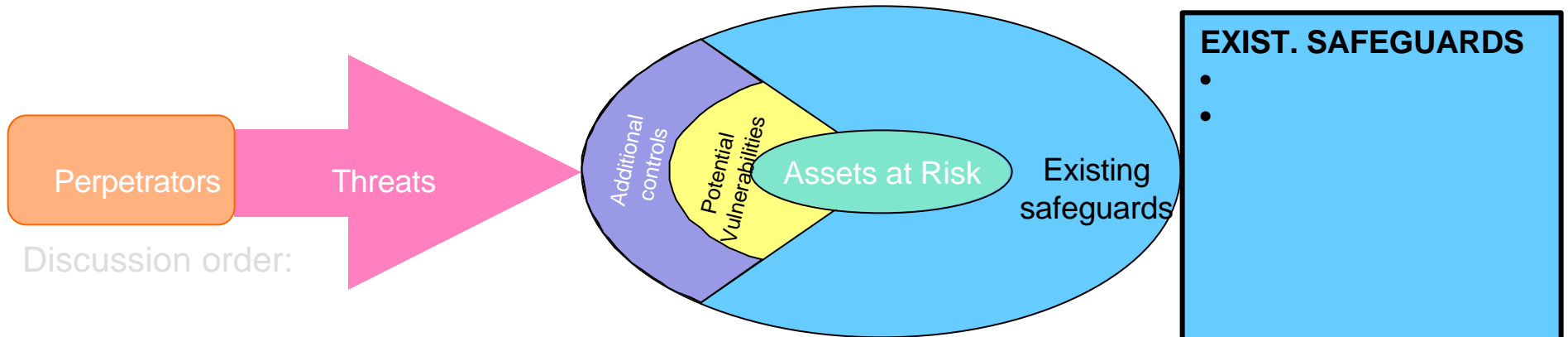
Discussion order:

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THREATS

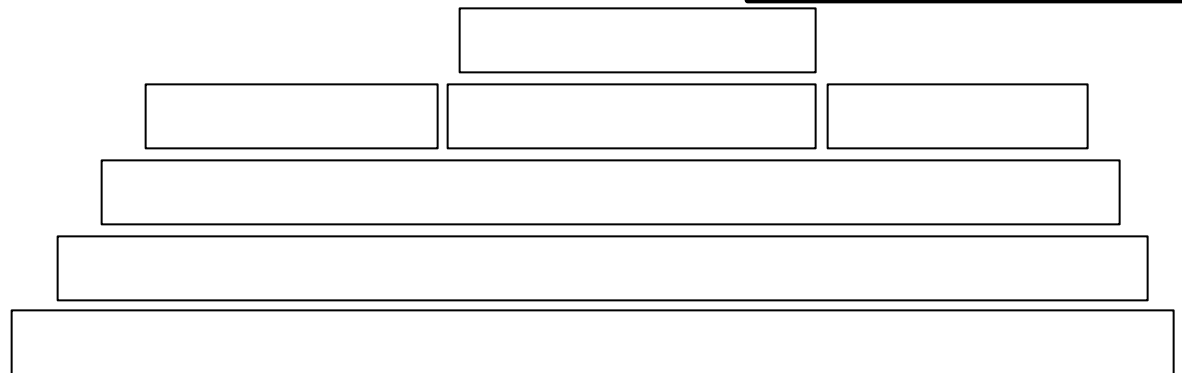
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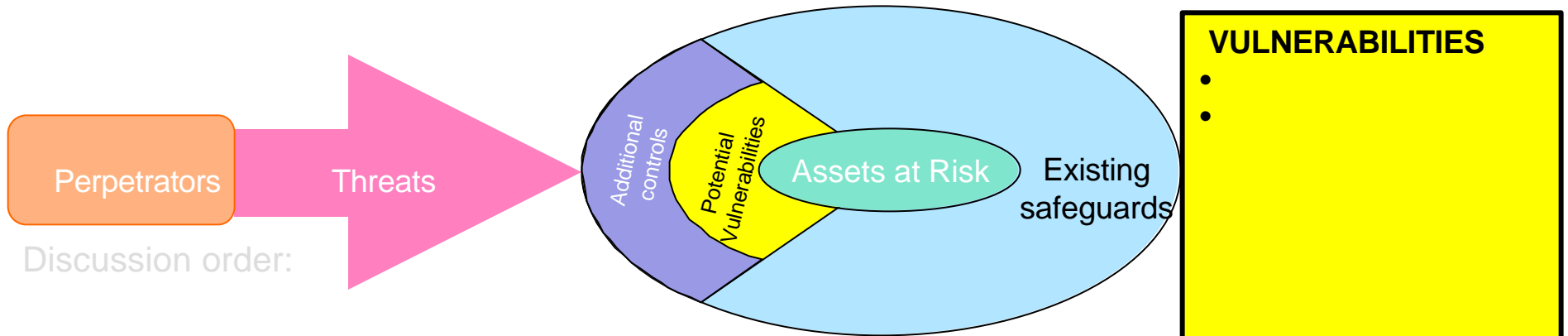




Discussion order:

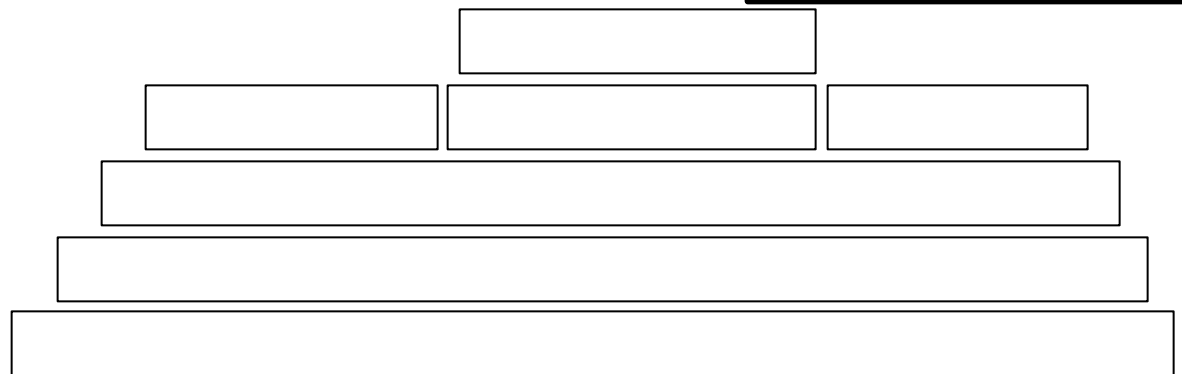
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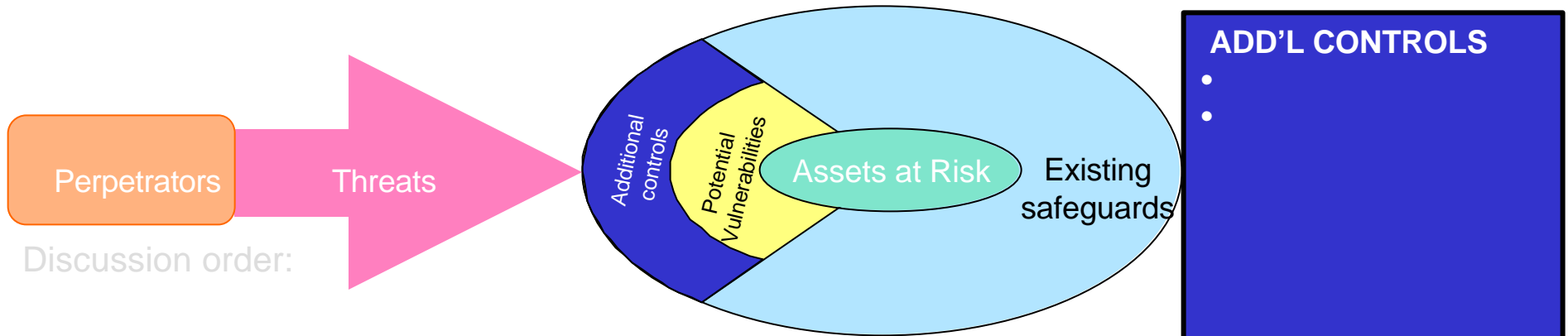




Discussion order:

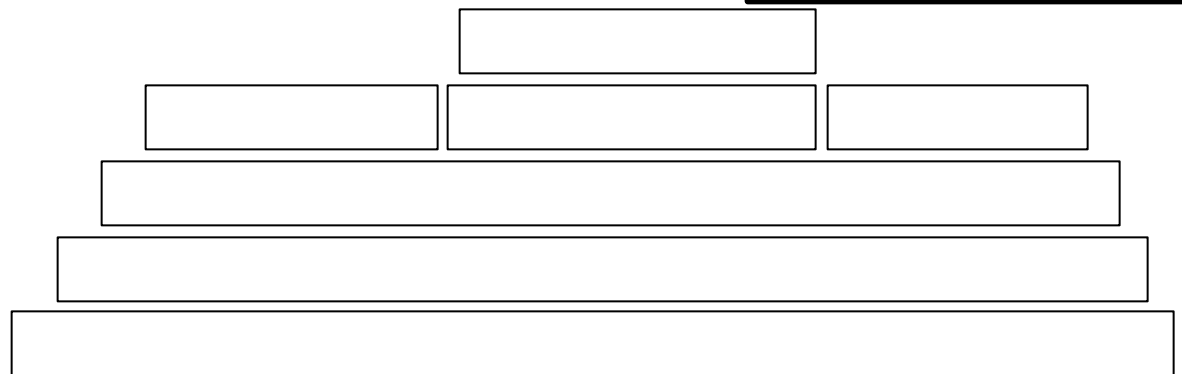
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Discussion order:

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ASSETS

-
-

PERPETRATORS

-
-

THREATS

-
-

EXIST. SAFEGUARDS

-
-

VULNERABILITIES

-
-

ADD'L CONTROLS

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