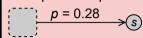
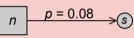
Proposed risk rules

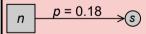
Risk rule *CVE-2021-40830:* **IF** software component *s* was compiled with SDK which contains vulnerability **THEN** create a risk edge from an *entryvertex* to *s* with the exploitation probability p = 0.28.



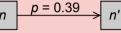
Risk rule *CVE-2022-25666:* **IF** software component *s* is deployed on node *n* **AND** *n* contains firmware with vulnerability **THEN** create a risk edge from *n* to *s* with the exploitation probability p = 0.08.



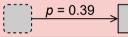
Risk rule *CVE-2021-22547:* **IF** software component *s* is deployed on node n **AND** s was compiled with SDK which contains vulnerability **THEN** create a risk edge from n to s with the exploitation probability p = 0.18.



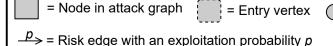
Risk rule CVE**-2022-35927: IF** two nodes n, n' are connected via a link **AND** n' contains an outdated version of Contiki-NG OS **THEN** create a risk edge from n to n' with the exploitation probability p = 0.39.



Risk rule *CVE-2022-35927:* **IF** node n contains version of Contiki-NG OS with vulnerability **THEN** create a risk edge from an *entryvertex* to n with the exploitation probability p = 0.39.



Risk rule *CVE-2020-3676:* **IF** software component *s* is deployed on node *n* **AND** *n* contains firmware with vulnerability **THEN** create a risk edge from *s* to *n* with the exploitation probability p = 0.18.



= Entry vertex = Software component in attack graph