Sprint Retrospective Document

Date: 03.04.2019
Project acronym: ARTEMIS
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Sprint 7 summary

Item ID (from the previous retrospective doc)	Workpackage ID (from the Kick-off doc)	Status	Group's comments
1	5	Complete	We can generate fuzzing attacks by using MQTT Malaria.
2	3	In Progress	We have found some other resources to expand our dataset.
3	4	In Progress	Soma algorithms are eliminated due to the run time problems.
4	6	Complete	Notification module is successfully integrated to the system.
5	6	Complete	Alert module is successfully integrated to the system.
6	6	Complete	Algorithm selection module is successfully integrated to the system.
7	6	Not Started	Due to limited time, we couldn't start it.
8	4	Complete	Different fields for different kinds of protocols don't create problems.

Sprint 8 plan

Item ID	Workpackage ID (from the Kick-off doc)	Description	Status
1	3	Collect data for normal behaviour of the system	Leftover from Sprint 6
2	4	Check the real time performance of learning algorithms on normal behavior of the system	Leftover from Sprint 6
3	6	Displaying packet info in plot on hover	Leftover from Sprint 7
4	3	Setting up Node-RED on Raspberry Pi	New
5	4	Using Neural Networks for anomaly detection	New
6	4	Using autoencoders for feature selection in Neural Networks	New
7	3	Collect data in an attack scenario	New

Overall progress

	Sprint 1	Sprint 2	Sprint 3	Sprint 4	Sprint 5	Sprint 6	Sprint 7	Sprint 8	Sprint 9
MF1	0%	0%	0%	0%	10%	15%	25%		
MF2	0%	50%	80%	80%	90%	90%	100%		
MF3	0%	30%	50%	50%	50%	70%	100%		
MF4	0%	50%	50%	50%	70%	80%	100%		
MF5	0%	0%	15%	50%	60%	60%	60%		
MF6	0%	0%	15%	40%	40%	70%	75%		
MF7	0%	0%	0%	0%	0%	30%	30%		
MF8	0%	0%	0%	0%	0%	80%	100%		
MF9	0%	0%	0%	0%	20%	100%	100%		
MF10	0%	0%	0%	0%	0%	0%	50%		
MF11	0%	0%	5%	5%	5%	70%	95%		
MF12	0%	0%	0%	0%	0%	65%	70%		