Step 2: Threat Evaluation

2.2 Likelihood Assessment on Supporting Assets

Supporting Asset	*Threat*	*Vulnerability*	*Likelihood Areas*								
			Skills	Means	Opportunity	Profit	Attention	Impunity	Detection	Overall Likelihood (2.2)	Justification
Virtual Desktop Infrastructure (Citrix)	Hyperjacking	Broken authorization&authentication	3	3	5	1	5	4	2	4	Similar as for configuration tampering in firewall
	Ransomware	Poor controls on installed software	3	3	5	5	5	3	2	4	High likelihood since it can produce an high profit
	Hypervisor server crash	Faulty load balance on Citrix delivery controllers								3	If the virtualization server isn't properly configured, there it is possible for it to crash
	Session Hijacking	CVE-2021-22927	3	4	5	1	5	2	2	3	AV:N/AC:L/PR:N/UI:R/S:U
DHV Software	Sotware crash	Unhadled software exeptions								2	If there are unhadled software exeptions, it is possible for the software to crash if a
	False Data Input	Faulty access control	3	2	3	1	5	4	3	3	Low chance of punishment, but also high skills needed to breach a private network
Citrix server room(s)	Floods	Lack of flood preventing infrastrucutre								3	Flood are not rare in the Netherlands
	Fires	Faulty fire coutermeasures								2	Fire outbrackes are not a common thingh in server rooms
	Theft of equipment	Poor physical access control	5	5	5	3	4	2	1	4	If there is a poor access control, it is likely that someone will steal something since hardware
	Overheating	Faulty cooling system								3	It is probable that with a faulty cooling system temperature will rises to cause overheating
GSB PCs	Damaged hardware	Poor manifacturing								3	There are a lot of GSB PCs, it can happen that a PC is damaged
	Physical key loggers	Poor physical access control	4	4	5	1	5	2	2	4	Similar to hardware damaging, main difference is that some skills and means are required
	Reverse Shell Attack	CVE-2022-38652	4	3	5	1	5	4	4	4	AV:N/AC:L/PR:L/UI:N/S:C
	Ballot data tampering	CVE-2018-6683	2	2	3	1	5	2	2	3	AV:P/AC:L/PR:L/UI:N/S:C
Secure Store for GSB PCs	Flood	Lack of flood preventing infrastrucutre								3	Floods are not rare in the Netherlands
	Fires	Faulty fire coutermeasures								2	Fire outbrackes are not a common thingh
	Theft	Poor physical access control	5	5	5	3	4	2	1	4	If there is a poor access control, it is likely that someone will steal something since hardware
	Hardware damaging	Poor physical access control	5	5	5	1	4	2	1	4	Requires no skill, especially if there is no access control. HIgh chance of punishment
GSB LAN gateway	Network tapping	Broken physical acces control	4	4	5	1	4	2	2	4	Similar to key loggers for GSB PCs
	Configuration tampering	Broken access control	3	5	5	1	4	3	3	4	Similar to network tapping, requires higher skills, but can be done remotely, so has lower
	Route table poisoning	CVE-2016-7406	4	5	5	1	5	5	4	5	AV:N/AC:L/PR:N/UI:N/S:U