The purpose of this document is to walk individuals who solely manage end-user devices (desktops, laptops, tablets, etc.) through the 2022 IT Risk Assessment - End-User Devices assessment. The layout of the questions is similar to what the individual will see when completing the assessment using the Google Form.

2022 IT Risk Assessment - End-User Devices

At Texas A&M, state law requires us to perform annual risk assessments for all IT resources (laptops, servers, applications, etc.). Usually this assessment is performed by professional IT staff for your unit, but in some cases it must be completed by individuals who manage or have admin rights on an IT resource.

The questions asked in this assessment are directly related to a security requirement which must be followed by anyone that manages an IT resource. When possible, we've provided a link directly to the university requirement that prompted each question.

This assessment has five main sections. Section 1 is used to gather general information; the assessment questions start in Section 2. Your answers for some questions will determine the questions in the next section; this is done to skip questions that do not apply to your IT resource.

A copy of the assessment results will be sent to the email address provided below. You are encouraged to keep the results for your records.

	Section 1: General Information						
Section comments:	Section 1 is for gathering general information about the IT resource being assessed.						
a	Name for the IT resource:						
	Separate multiple names with a comma. IT resources on the Texas A&M network have a name. For Windows: Control Panel → System and Security → System → look for "Full computer name:" under the "Computer name, domain, and workgroup settings" section. For macOS: Apple menu → System Preferences → then click Sharing → then look for "Computer Name"						
Answer Choices:	free text						
b	IT resource identification number used by the unit:						
Comments:	Separate multiple identification numbers with a comma. TAMU asset number used for/listed in FAMIS/Canopy, department level identification numbers, etc. Most departments add a service tag label on IT resources before distributing to employees that help track it for general inventory management practices. This tag is often easily visible on the IT resource.						
Answer Choices:	free text						

С	Quantity:									
Comments:	Provide the number of IT resources included in this assessment. Enter that number (e.g. 1, 2, 3)									
Answer Choices:	free text	free text								
d	IT resource des	scription:								
Comments:	academic tasks.' are used to supp	Explain what the IT resource is used for. For example: "This workstation is my primary office workstation used for administrative and academic tasks." or "This includes my office workstation, the research cluster, a lab of computers, and my tablet. These resources are used to support my teaching and research."								
е	Hardware type									
Comments:	·	n that applies to the	IT resource.	T		1	1			
Answer Choices:	Desktop / Laptop	Tablet or other mobile device	Other							
f	Operating syst	em (OS):				•				
Comments:		ting system for the I	T resource.							
Answer Choices:	Windows	macOS	Linux or other UNIX	Android OS (mobile)	iOS (Apple mobile)	Chrome OS	Other			
g	Number of peo	ple with authorize	ed access to the I	Γresource:						
Comments:	Enter a number	(e.g. 1, 2, 3)								
Answer Choices:	free text									
h	What is the hig	hest category of d	ata stored or pro	cessed by this IT re	source?					
Comments:	If you are not su	re how to classify the	e data, use the data	a classification calcula	tor in the link below.					
Data calculator:	https://u.tamu.e	edu/datacalc				_				
Answer Choices:	Public	University-Internal	Confidential	Critical						
i	What is the im	pact level of the IT	resource?							
Comments:	If you are not su	re what the IT resou	rce's impact level is	s, use the impact leve	l calculator in the linl	k below.				
Impact calculator:	https://u.tamu.e	edu/impactcalc								
Answer Choices:	Low	Moderate	High							
Next Section:	Section 2: Acce	ss Management (Pg.	3)							

		Section 2: Access Managemen	nt						
Section	Section 2 is the start of the assessm	ent and focuses on user account access,	passwords, authentic	ation systems, etc. It	is broken up				
comments:	nto parts based on the answers selected.								
1	Is a documented procedure in pl	ace for granting access?							
Requirement:	https://it.tamu.edu/cc/AC-2								
Answer Choices:	No documented procedure exists	Yes, a documented procedure exists							
2	Is a documented procedure in pl	ace to ensure access is limited based	on least privilege?						
Requirement:	https://it.tamu.edu/cc/AC-6								
Comments:		of least privilege, allowing only authorize aplish assigned tasks in accordance with the found in the link below.							
More information:	https://en.wikipedia.org/wiki/Princi	ple_of_least_privilege_							
Answer Choices:	No documented procedure exists	Yes, a documented procedure exists							
3	-	changed (e.g., blank administrator properating system like admin/admin,		=	supplier				
Requirement:	https://it.tamu.edu/cc/CM-1								
Comments:	that came with the IT resource like a Many IT resources come with a stan	dministrator passwords, user ID/passwo admin/admin, root/root, or sudo/sudo dard default account that uses the same , etc. Malicious actors try to gain unauth	e standard name/pass	word combination ac	ross all the IT				
Answer Choices:	Default passwords not changed Default passwords	No default accounts exist or accounts with default passwords have been removed							
4	Do documented procedures exis duties change?	t for changing shared account (root,	administrator, etc.)	passwords when s	staff or				
Requirement:	https://it.tamu.edu/cc/AC-5								
Answer Choices:	No documented procedure exists	Yes, a documented procedure exists	No shared accounts exist						

5	How long can	low long can an IT resource be left unattended before the screen is locked?							
Requirement:	https://it.tamu.	https://it.tamu.edu/cc/AC-11							
Answer Choices:	No seroen look	Screen lock >30	Screen lock >15	Screen lock ≤15					
Answer Choices:	No screen lock	minutes	minutes	minutes					
6	Does the IT res	source use universi	ty central auther	tication (NetID)?					
Camananta	Not referring to	/accounts not in scop	e for this question	: default or pre-define	ed accounts (e.g., the	root user in a Linux o	operating		
Comments:	system, local administrator on Windows).								
Website link:	NetID	https://infrastructu	re.tamu.edu/identi	ty/netid.html					
				Yes, but some user	Yes, exclusively				
Answer Choices:			No	laccounts do not use	NetID				
				NetID	Netib				
Next Section:	Depends on ar question 6.	nswer choice for	2a: Access Manag	ement (Pg. 4)	Section 3: Resource Maintenance (Pg. 8)				

Only answer these questions if "No" or "Yes, but some user accounts do not use NetID" was the answer for question 6 in Section 2.

	2a: Access Management							
Section comments:	This part of Sect	his part of Section 2 focuses on user account access, authentication systems, etc.						
1 1	Does each indi resource?	es each individual person have a unique logon ID/username for standard access (non-elevated privileges) to the IT ource?						
Requirement:	https://it.tamu.e	edu/cc/AC-2						
IAnswer Choices:	IDs/usernames are not used	IDs/usernames are	Shared & unique IDs/usernames are used	Only unique IDs/ usernames are used				
1 2	-	Do any third parties (e.g., research affiliates, business associates, service providers, vendors, contractors) have access to the IT resource?						
Answer Choices:	No	Yes						

3	Is a documented process in place for the granting and removal of access to third parties?							
Requirement:	https://it.tamu.	edu/cc/IA-8						
Answer Choices:	No documented process exists Yes, a documented process exists N/A - no third party water access			will ever be granted				
4	How quickly a	re accounts for ter	minated employe	es disabled?				
Requirement:	https://it.tamu.	edu/cc/PS-4						
Answer Choices:	Accounts are not disabled	Greater than 72 hours	Within 72 hours	Within 24 hours	Realtime based on event triggers			
5	Is there a docu	imented process to	remove the acco	ounts of individuals	who are no longer	authorized to have	access?	
Requirement:	https://it.tamu.	edu/cc/AC-2						
Answer Choices:	No documented process exists Yes, a documented process exists							
6	Is an access ba	nner displayed du	ring authentication	on?				
Requirement:	https://it.tamu.	edu/cc/AC-8						
Comments:	be subject to se privacy except a	curity testing and mo	onitoring; (3) Misus d by applicable priv	e may be subject to cacy laws; and (5) A re	ems: (1) Unauthorize riminal prosecution; of the ference to University	(4) Users have no exp	ectation of	
Answer Choices:	No banner	IT resource lacks banner functionality	Displayed banner does not meet TAMU Security Control AC-8	Displayed banner meets TAMU Security Control AC- 8				
7	What authent	ication method is ι	ıtilized?					
Requirement:	https://it.tamu.	edu/cc/IA-2						
Answer Choices:			No authentication required	Pin code	Passwords	Biometrics		
Next Section:	Depends on an question 7.	nswer choice for	2c: No Authentication (Pg. 7)	2b: Password Management (Pg. 6) Section 3: Resource Maintena		Resource Maintenance (Pg.		

Only answer these questions if "Pin code" or "Passwords" was the answer for question 7 in 2a

		Se	ection 2b: Pass	word Managem	ent					
Section comments:	This part of Sect	This part of Section 2 focuses on password and/or pin code requirements.								
1	What is the mi	nimum required pa	assword length?							
Requirement:	https://it.tamu.e	edu/cc/IA-5								
Answer Choices:	Allows blank passwords	Allows <8 characters passwords	Requires ≥8 characters	Requires ≥16 character passwords						
2	What are the r	ninimum password	complexity requ	irements being en	forced?					
Requirement:	https://it.tamu.e	edu/cc/IA-5								
Comments:	If passwords can be less than 16 characters, then they must contain three of the following four groups of characters: lower case letters, upper case letters, symbols or numbers. If passwords must be at least 16 characters long, then there are no complexity requirements.									
Answer Choices:	No complexity requirements	requirements			At least 16 characters required - no complexity requirement					
3	Is the passwor	d complexity enfor	ced when a pass	word is created or i	required to be chan	ged?				
Requirement:	https://it.tamu.e				-					
Comments:	If passwords hav	ve to be at least 16 ch	naracters long, the	n users are not requir	red to meet the comp	lexity requirements.				
Answer Choices:	No	Yes	At least 16 charact complexity require	•						
4	How frequentl	y are passwords re	quired to be cha	nged?						
Requirement:	https://it.tamu.e	edu/cc/IA-5								
Answer Choices:	Password changes are not forced	Greater than a year			At least 16 characters required - never expires					

5	When authent	ication fails, is the	e user informed o	of which part of t	he username/passwor	d combination is ir	ncorrect?	
Requirement:	https://it.tamu.e	edu/cc/IA-6						
Comments:	_	es/messages after a ge: "login and/or pa		indicate which par	rt of the username/passw	ord combination is i	ncorrect.	
Answer Choices:	No	Yes						
6	-	How many consecutive failed logon attempts are allowed before automatically locking the account or delaying the lext logon prompt?						
Requirement:	https://it.tamu.e	edu/cc/AC-7						
Comments:	Account lockout	s help against brute	force attacks.					
Answer Choices:	No account locking	>10 attempts	≤10 attempts					
7	How long until	the IT resource re	e-enables an acc	ount after an acc	ount lockout?			
Requirement:	https://it.tamu.c	edu/cc/AC-7						
Answer Choices:	No account locking	Immediately	<15 minutes	≥15 minutes	Locked until administrator reset			
Next Section:	Section 3: Resou	urce Maintenance (Pg. 8)					

Only answer the	nly answer these questions if "No authentication required" was the answer for question 7 in 2a.						
	2c: No Authentication						
Section comments:	This part of Section 2 follows up on why authentication is not used.						
1	What activities can be performed on the IT resource without identification or authentication?						
Requirement:	https://it.tamu.edu/cc/AC-14						
Answer Choices:	ree text						
2	Why is authentication not used before accessing the IT resource?						
Requirement:	https://it.tamu.edu/cc/AC-14						
Answer Choices:	free text						
Next Section:	Section 3: Resource Maintenance (Pg. 8)						

These questions must always be answered.

		S	ection 3: Reso	urce Maintenan	ce				
Section comments:	Section 3 focuses on how the IT resource is maintained. It is broken up into parts based on the answers selected.								
1	Is the installed	version of the ope	erating system (O	S) officially support	ted by the vendor?				
Requirement:	https://it.tamu.e	edu/cc/SI-3							
Comments:	, , ,	orted" means the ven ses and vulnerabilitie	`	g patches/updates. Se malicious actors.	ecurity patches/updat	tes are important bed	ause they fix		
Answer Choices:	No	No, but a current exception request has been approved by the CISO Yes							
2	Is a document	ed process followe	d for installing se	curity patches/upd	ates?				
Requirement:	https://it.tamu.c	edu/cc/CM-1							
Comments:	The process sho	uld cover both the O	S level and all insta	lled applications and	or software.				
Answer Choices:	No documented	No documented process exists Yes, security patches/updates are installed using a documented process							
3	Is the universit	ty required schedu	le for installing O	S level security pat	ches being followed	1?			
Requirement:	https://it.tamu.o	edu/cc/CM-1			-				
Comments:	patches categor	ized as "critical" by tl	ne vendor = installe	development organized within 30 days of recurity patches = inst	elease; (b) Security pa	atches categorized as	•		
Answer Choices:	No	No, but a current ex has been approved	•	Yes					
4	Is all software	installed appropria	tely licensed?						
Requirement:	https://it.tamu.e	edu/cc/CM-11							
Comments:	Free versions of	proprietary software	e are likely to conta	nin malware.					
Answer Choices:	No	Yes							

5		Are any unsupported applications and/or software installed (e.g., the application is no longer receiving security updates from the vendor or development organization)?								
Requirement:		https://it.tamu.edu/cc/SI-3								
	"Unsupported" means the vendor is no longer releasing patches/updates. Unsupported software not only leaves you and the									
Comments:	university open to security risks but may cause other issues as software and hardware may stop working or be incompatible with									
	newer systems.	1		T	T	T				
Answer Choices:	No	Yes, but a current e has been approved		Yes						
_	Is the universi	ty required schedu	le for installing so	ecurity patches beir	ng followed for all in	nstalled software a	nd/or			
6	applications?									
Requirement:	https://it.tamu.	edu/cc/CM-1								
Comments:	required schedu	Security updates for applications and/or software are released by the various vendors or development organizations. University required schedule: (a) Security patches categorized as "critical" by the vendor = installed within 30 days of release; (b) Security patches categorized as "high" by the vendor = installed within 45 days of release; (c) Other security patches = installed within 60 days of release.								
Answer Choices:	No	No, but a current exhas been approved		Yes						
	Is there a procedure in place to ensure the storage media related to the IT resource is properly sanitized prior to									
7	-	or release from you	_		·	. ,				
Requirement:	https://it.tamu.	edu/cc/MP-6								
Comments:	_			ives. Sanitizing the mo not recovered by sor						
Answer Choices:	No documented	procedure exists	Yes, a documente	d procedure exists						
8	Is whole disk e	encryption used?								
Requirement:	https://it.tamu.	edu/cc/RA-2								
Comments:	If stolen or lost,	whole disk encryptic	on helps prevent th	e data stored on the	IT resource from bein	g easily accessible/re	ad.			
Answer Choices:	No	Yes								

9	When was the	last vulnerability s	scan completed?						
Requirement:	https://it.tamu.edu/cc/RA-5								
Comments:		Per the requirement, all IT resources, even those on a private subnet or firewalled off are to be scanned regularly by the Division of T - Security Assessment team. If you have questions, talk to your unit IT staff.							
Answer Choices:	Never scanned	Scanned >12 months ago	Scanned <12 months ago	Scanned <6 months ago					
10	Is the universit	ty-supplied data lo	ss prevention (DL	P) software installe	ed as appropriate?				
Requirement:	https://it.tamu.e	edu/cc/RA-2							
Comments:	· ·	Spirion is the university-supplied DLP software. Talk to your unit IT staff to determine if it is appropriate on the IT resource. If it is appropriate, they can help you install it on the IT resource.							
Answer Choices:	No, even though	n it is appropriate	I IYES I		Determined it is not appropriate after a discussion with unit IT staff				
11	Is the universit	ty-supplied anti-vir	us/anti-malware	installed?					
Requirement:	https://it.tamu.e	edu/cc/SI-3							
Comments:		•	• •	anti-malware. This can you to install it on the	• •	o System part 02 mer	mbers. Talk to		
Answer Choices:			No	No, but a current exception request has been approved by the CISO		Yes			
Next Section:	Depends on ar question 11.	nswer choice for	3b: Security Management (Pg. 11)			3a: Security Management (Pg. 10)			

Only answer this question if "Yes" was the answer for question 11 in Section 3.

3a: Security Management								
Section comments:	This part of Sect	This part of Section 3 follows up on security management.						
1	Do you make o	Do you make changes to the university-supplied anti-virus/anti-malware to reduce its effectiveness?						
Requirement:	https://it.tamu.e	https://it.tamu.edu/cc/SI-3						
Comments:	Changes can inc	Changes can include disabling, bypassing, or altering.						
Answer Choices:	Answer Choices: No Yes							
Next Section:	Section 4: Backu	ips (Pg. 11)						

Only answer this question if "No" or "No, but a current exception request has been approved by the CISO" was the answer for question 11 in Section 3.

	3b: Security Management							
Section comments:	This part of Section 3 follows up on security management.							
1	Is any anti-virus/anti-malware in	stalled?						
Requirement:	https://it.tamu.edu/cc/SI-3							
I Commonts:	Sometimes the university-supplied anti-virus/anti-malware cannot not be installed due to certain restraints or compatibility issues. If that is the case, then anti-virus software that is compatible and/or supported by the vendor should be used when possible.							
Answer Choices:	No, but available and allowed No, since there is no supported antivirus available or allowed Yes							
Next Section:	Section 4: Backups (Pg. 11)							

These questions must always be answered.

Section 4: Backups									
Section comments:	Section 4 focuses on data backup requirements for the IT resource. It is broken up into parts based on the answers selected.								
1	Are data backups performed for data stored locally on the IT resource?								
Requirement:	https://it.tamu.edu/cc/CP-9								
Comments:	Backups help prevent data from being lost if the primary storage media has been corrupted and/or stolen. In many cases, data is not stored on the local hard drive but elsewhere like on unit IT managed storage systems and/or cloud storage.								
Answer Choices:	No Yes Data is not stored locally on the IT resource								
Next Section:	Depends on answer choice for question 1.	Section 5: Logs (Pg. 12)	4a: Backups (Pg. 12)	Section 5: Logs (Pg. 12)					

Only answer these questions if "Yes" was the answer for question 1 in Section 4

	4a: Backups								
Section comments:	This part of Sect	This part of Section 4 focuses on data backup requirements.							
1	How often are	data backups perf	ormed?						
Requirement:	https://it.tamu.e								
Answer Choices:		backups Scheduled monthly backups performed Scheduled weekly backups performed backups performed							
2	Are the backup	media encrypted	?						
Requirement:	https://it.tamu.e	edu/cc/CP-9							
Answer Choices:	No	Yes Not required, no Confidential (or higher) data							
Next Section:	on: Section 5: Logs (Pg. 12)								

These questions must always be answered.

Section 5: Logs							
Section comments:	Section 5 focuses on logging requirements for the IT resource. It is broken up into parts based on the answers selected.						
1	Where are logs stored?						
Requirement:	https://it.tamu.edu/cc/AU-2						
IComments:	A log is a record of the events occurring within an organization's systems and networks. Logs are composed of log entries; each entry contains information related to a specific event that has occurred within a system or network.						
Answer Choices:	Unknown or no logs are stored						
INext Section:	Next Section: Depends on answer choice for question 1. Done 5a: Logs (Pg. 13)			5b: Logs (Pg. 14)			

Only answer these questions if "Logs stored locally" or "Logs sent to external server" was the answer for question 1 in Section 5.

			5a:	Logs			
Section comments:	This part of Section 5 focuses on logging requirements.						
1	Are the date a	nd time recorded v	with each logged	event?			
Requirement:	https://it.tamu.	edu/cc/AU-3					
Answer Choices:	Date & Time are	not recorded	Date & Time are r	ecorded			
2	Do logged eve	nts include the Use	er IDs (usernames	s)?			
Requirement:	https://it.tamu.	edu/cc/AU-3					
Answer Choices:	No	Yes					
3	Are authentica	tion attempts logg	ged?				
Requirement:	https://it.tamu.	edu/cc/AU-2					
Answer Choices:	No logging	Logs only failed attempts	Logs successful & failed attempts				
4	How are logs r	nonitored?	·				
Requirement:	https://it.tamu.	edu/cc/AU-2					
Comments:		•		roactive measure adr ty of the IT resource.	ninistrators can take	to help detect possib	le security
A.a	Logs are never	Manually on an ad	Manually on a	Real-time using			
Answer Choices:	reviewed	hoc basis	regular schedule	automated systems			
5	Are controls in	place to prevent t	he deletion or m	odification of logs?			
Requirement:	https://it.tamu.	edu/cc/AU-9					
Answer Choices:	Logs are not protected	Logs are protected					
6	Are logs kept a minimum of 30 days?						
Requirement:	https://it.tamu.edu/cc/AU-11						
Answer Choices:	No	Yes					
Next Section:	Done						

Only answer these questions if "Logs sent to Division of IT Splunk service" was the answer for question 1 in Section 5

	5b: Logs							
Section comments:	This part of Section 5 focuses on logging requirements when logs are sent to the Division of IT Splunk service.							
1	Are the date a	nd time recorded v	vith each logged	event?				
Requirement:	https://it.tamu.	edu/cc/AU-3						
Answer Choices:	Date & Time are not recorded Date & Time are recorded							
2	Do logged eve	nts include the Use	r IDs (usernames)?				
Requirement:	https://it.tamu.	edu/cc/AU-3						
Answer Choices:	No	Yes						
3	Are authentication attempts logged?							
Requirement:	https://it.tamu.edu/cc/AU-2							
Answer Choices:	No logging Logs only failed Logs successful &							
	attempts failed attempts							
Next Section:	Done							