TO   IT Security Team
FROM   Sebastian Rugas
DATE   Today
SUBJECT   New System Management and Hardening

Hello Team,

We recently upgraded our systems and need your help securing them. We transferred all users into this system a few months ago and installed FTP and SSH, but now we need you to secure and configure the system. The system you are on will be used by our team and other associates in order to access important robot design documents, our engineering notebooks, and other key files. No other unrelated files should be on the system.

Please configure the system so that only system and authorized users are on the system. Please also look at the password audits. Passwords should be at least twelve (12) characters long and have at least one uppercase, lowercase, number, and special character, and should be changed every 90 days. Users use the password to log in and access sudo permissions.

Please configure and secure SSH and FTP. We would also like you to install the audit daemon (auditd) and configure it, so it logs any writes or attribute changes to the shadow, passwd, and group files, as well as FTP, and SSH config files. SSH, FTP, and auditd are the only critical services. UFW is what we use for Linux firewalls. Firefox is the only browser allowed on this system.

Recently, team member Matthew Dallas graduated. Please remove him from the "currents" group and add him to "alumni".

You will also find a few other documents on your desktop. Some of these are tickets left by our team inquiring about the new system. It is your job to answer (and remediate any issues if necessary).

I have provided my login credentials below. Use them to get into the system. Please don't change them!

Thanks,
Sebastian Rugas
7135 Team Captain

7135E Team Infotech Division
500 Chestnut Ave
Towson, MD 21204

Audit of System Users

	Administrators	Password	Groups	
YOU	srugas	H0tD0gR0bot!	adm	current
-	dshepherd	sd@!78iOmPa5	adm	current
-	cbaummer	driveguy	adm	current
-	jcloman	mY5t3r!ousM@n	adm	current

	Authorized Users		
-	mdallas		current
-	abossle		current
-	jdavis		current
-	mdevera		current
-	crohrbach		current
-	cmagaha		current
-	mhorel		alumni
-	mjohnson		alumni
-	hcraig		alumni
-	jkeller		alumni
-	rbromwell		mod
-	jpearson		mod
-	jgangler		mod