

Criteria	Ratings				Pts
<p>Users, groups, and permissions</p> <p>Establish and use different users and groups. Assign and user permissions correctly.</p> <p>This must be attempted (or else -5 points). Worth 10 points with a possibility of extra credit</p>	<p>20 to >10.0 pts extra credit</p> <p>+3 includes the use of ACL's +2 includes the use of the substitute user bit Full +10 if using a different service (outside the box) to do authentication)</p>	<p>10 to >5.0 pts full credit</p> <p>Has multiple groups and multiple users. Has files that are assigned to different groups and users. Has directory structure permissions correct to work with the permissions</p>	<p>5 to >0.0 pts poor</p> <p>has a few groups and a few users</p>	<p>0 pts no attempt</p> <p>if no attempt -> set to -5!</p>	20 pts
<p>Web server</p> <p>Have a functioning web server. This must be attempted (or else -5 points). Worth 10 points with a possibility of extra credit</p>	<p>15 to >10.0 pts extra credit</p> <p>Web site can interface with at least two other capabilities. Those capabilities can only be counted in one section. The first is worth 3 points. The second is worth 2 points</p>	<p>10 to >5.0 pts full marks</p> <p>A functioning site with multiple pages that are interlinked with proper permissions.</p>	<p>5 to >0.0 pts attempt</p> <p>There is at least a hello world (5 points) or attempt (3 points) of a web site being accessed by at least that machine.</p>	<p>0 pts not attempted</p> <p>This should be -5 if there is no attempt</p>	15 pts
<p>Shutdown and startup scripts</p> <p>Made some scripts that execute on shutdown and startup.</p> <p>This must be attempted (or else -5 points). Worth 10 points with a possibility of extra credit.</p>	<p>13 to >10.0 pts Extra credit</p> <p>Has difference options based on level of startup.</p>	<p>10 to >5.0 pts full marks</p> <p>At one script for each that was created by the student directly and they work</p>	<p>5 to >0.0 pts attempt</p> <p>Tried to create scripts (+3 for first one, +2 for second one)</p>	<p>0 pts not attempted</p> <p>This should be -5 if there is not attempt</p>	13 pts

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<p>Crontabs</p> <p>Create a number of cron tasks that demonstrate a good understanding of this service.</p> <p>This must be attempted (or else -5 points). Worth 10 points with a possibility of extra credit.</p>	<p>15 to >10.0 pts Full Marks</p> <p>Has at least personally created cron groups established and working correctly.</p>	<p>10 to >0.0 pts attempted</p> <p>Has attempted to create cron tasks. Level of understanding indicates how much credit should be given</p>	<p>0 pts no attempt</p> <p>This should be -5 if there is not attempt</p>	15 pts
<p>Environment configuration and profiles</p> <p>Configure the environment. This includes setting environment variables and other items both system wide and for individual users.</p> <p>This must be attempted (or else -5 points). Worth 10 points with a possibility of extra credit.</p>	<p>15 to >8.0 pts Full Marks</p> <p>A number of changes done by hand. Both to the system default and individual. Use of at least one IF statement for the full 15 (but close if it works fine without an IF). All variables should be exported.</p>	<p>8 to >0.0 pts some attempt</p> <p>Modify components of at least one individual user.</p>	<p>0 pts no attempt</p> <p>This should be -5 if there is not attempt</p>	15 pts
<p>Networking</p> <p>This must be attempted (or else -5 points). Worth 10 points with a possibility of extra credit.</p>	<p>15 to >12.0 pts Full Marks</p> <p>Can connect to a DNS. Has established its own host name. Can connect to another machine directly</p>	<p>12 to >8.0 pts some attempt</p> <p>Some attempt made to do some networking</p>	<p>8 to >0 pts no attempt</p> <p>This should be -5 if there is not attempt</p>	15 pts

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<p>Network File Share</p> <p>Share a drive between two machines and have it properly mounted, etc. This must be attempted (or else -5 points). Worth 10 points with a possibility of extra credit.</p>	<p>15 to >8.0 pts Full Marks</p> <p>Using NFS, share a drive between two machines and correctly establish permissions. Sharing of account numbers is done correctly. Preventing hacking via use of incorrect use of root on secondary machine. Shares are done at startup</p>		<p>8 to >0.0 pts some attempt</p> <p>an attempt made to share a drive</p>	<p>0 pts no attempt</p> <p>This should be -5 if there is not attempt</p>	15 pts
<p>Printing</p> <p>Establish printing capabilities on the machine</p>	<p>10 to >5.0 pts Full Marks</p> <p>working printing</p>	<p>5 to >0.0 pts attempt</p> <p>looks okay but no printer to test</p>		<p>0 pts nothing</p> <p>no attempt (not required)</p>	10 pts
Email	<p>20 to >15.0 pts extra credit</p> <p>can both send and receive email correctly</p>		<p>15 to >0.0 pts sending</p> <p>can send an email on</p>	<p>0 pts nothing</p> <p>no attempt (not required)</p>	20 pts
Database	<p>20 to >10.0 pts Excellent</p> <p>A full database that connects to a number of different services (only give credit for connecting at one of the services). 15 points If connecting to the user authentication -> full 20 points</p>		<p>10 to >0.0 pts functioning</p> <p>A functioning database</p>	<p>0 pts nothing</p> <p>no attempt (not required)</p>	20 pts
Wiki	<p>13 to >9.0 pts Function wiki plus</p> <p>A wiki that is interacting with the server for accounts, etc. Also more than a bare bones installation</p>		<p>9 to >0.0 pts Functioning wiki</p> <p>A nice working wiki</p>	<p>0 pts nothing</p> <p>no attempt (not required)</p>	13 pts

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Compiler(s)	8 to >0.0 pts working 5 for working with multiple accounts. 8 for a nice GUI ide also		0 pts nothing no attempt (not required)	8 pts
Scripts	8 to >5.0 pts Creation and use of scripts Scripts that include variables, loops, and selection. At least two different scripts created by the student. Properly documented	5 to >0.0 pts a script At least one script that does something production created by the student and proper documented	0 pts nothing no attempt (not required)	8 pts
Other pre approved task	20 to >0.0 pts Full Marks An extremely complex task well down done to just barely attempted (1 point). This must be pre-approved as outlined in the syllabus			0 pts No Marks 20 pts
Total Points: 207				