Absolutely! Below is a **meticulous, sentence-by-sentence breakdown** of the document titled **“107. The Net Command”** turned into **comprehensive study notes**. This will help you deeply understand the net command and its importance for the **CompTIA A+ 220-1102** exam.

**🧠 Study Notes – The net Command**

**🔍 Overview of the net Command**

* The net command is **not a single command**, but a **suite of network-related tools** used in Windows Command Prompt.
* Typing net /? shows you all available subcommands like:
  + net use
  + net user
  + Many others (e.g., net view, net time, net share).

**👤 Using net user**

* net user lists **all user accounts** on the **local system**.
* Example output: Administrator, Guest, Tamera, DefaultAccount, jason, WDAGUtilityAccount, Eduardo, Susan.
* Output ends with: “The command completed successfully.”

**🧰 Cross-verifying with GUI:**

* Open **Computer Management > Local Users and Groups**.
* The listed accounts match those shown by net user.

**🌐 Domain & Remote Use:**

* In a **workgroup or domain**, net user can query user accounts on **other computers** (if you have proper credentials).
* Use net user /? to view syntax and usage options.
* Can authenticate with a domain by providing a valid username and password.

**🗂️ Using net use**

* net use allows you to:
  + **Map** a drive to a network folder.
  + **Remove** mapped drives.
  + **List** all current mapped drives.

**➕ Mapping Drives Example**

* net use t: \\diontrainingwin\SharedFolder
  + This connects the drive letter T: to the shared folder.
* net use i: \\diontrainingwin\SharedFolder\Jason's Folder\A+ Core 2\Images
  + Maps a more specific subfolder.

**🔍 Using net view**

* net view \\diontrainingwin lists **shared resources** on the remote machine:
  + Eduardo’s folder
  + SharedFolder
  + Susan’s folder
  + Users
* **Note:** Jason's folder isn't listed unless you're logged in as Jason.

**🔐 Permissions Reminder:**

* Shared folders that are **not explicitly shared** (like Jason’s) won’t show up unless:
  + The folder is shared.
  + The user has permission.

**❌ Removing Mapped Drives**

* Use net use <drive>: /delete
  + Example: net use i: /delete — Removes the I drive.
  + If a drive is in use, Windows may prompt you to confirm disconnection (e.g., for T:).

**🔄 Remapping Drives (Temporarily vs. Persistently)**

* Basic remap (temporary):  
  net use t: \\diontrainingwin\SharedFolder
* Persistent remap (survives reboots):  
  net use t: \\diontrainingwin\SharedFolder /persistent:yes

**❗ Errors and Fixes:**

* If the drive is **already mapped**, you must delete it first:
  + net use t: /delete, then rerun the command.

**📁 Folder Names with Spaces:**

* Use **quotes** when folder names have spaces:
* net use i: "\\diontrainingwin\SharedFolder\Jason's Folder\A+ Core 2\Images" /persistent:yes

**🧹 Delete All Mapped Drives**

* Command:  
  net use \* /delete
  + Prompts you to confirm.
  + Deletes **all** mapped drives (e.g., I: and T: disappear).

**🤔 Why Use net use Instead of GUI?**

* GUI is easier for manual use, but:
  + **Not scriptable**
  + Cannot automate actions
* Command-line use is critical for:
  + **Login scripts**
  + **System administration**
  + **Enterprise environments**

**🏢 Real-World Admin Use Case**

* As an IT admin, you might set login scripts so:
  + H: → maps to user’s **Home folder**
  + S: → maps to a **Shared team folder**
* These mappings auto-load on login using:
* net use h: \\server\userhome /persistent:yes

**📚 Other net Subcommands**

The net suite includes (but are **not required** for the A+ exam):

* net accounts
* net computer
* net config
* net file
* net group
* net help
* net localgroup
* net session
* net share
* net start
* net stop
* net time
* net user ✅
* net use ✅
* net view

**✅ Critical Exam Focus**

For the **CompTIA A+ 220-1102**, you only need to **focus on**:

* ✅ net user
* ✅ net use

These appear under:

* **Domain 1.5:** “Given a scenario, use Microsoft Windows tools”
* **Domain 2.3:** “Given a scenario, use appropriate security settings”