cmdkey_list.txt Analysis Report

Folder Name: raw_logs
File Types: TXT
Collection Date: 2026-01-25
Report Generated: 2026-01-25

1. File Overview and Meaning

1.1 What Is the cmdkey_list.txt?

The `cmdkey_list.txt` file contains stored credentials in a Windows operating system, used for automating log

1.2 Purpose and Importance

This data exists to facilitate user convenience by storing credentials for quick access. However, it is critical fo

1.3 File Format and Structure

The file consists of lines with stored credential information in a key-value format. Each line contains the targe

2. Data Types and Structure

2.1 Key Attributes or Fields

- Target: Service or application name
- Type: Generic or specific credential type
- User: The username associated with the stored credential
- Persistence: Local machine persistence or saved for this logon only

2.2 Field Descriptions

Field Name	Data Type	Description
Target	String	Service or application name
Type	String	Credential type (Generic or specific)
User	String	Associated username
Persistence	String	Local machine persistence or saved for this logon only

2.3 Sensitive or Security-Relevant Data Categories

* **Credentials:** Stored usernames and passwords
* **Access Context:** Services and applications with stored credentials

3. Where This Data Is Used

3.1 Security Operations Use Cases

SOC teams use this data to monitor for unauthorized access attempts, credential stuffing attacks, and poten

3.2 Incident Response and Threat Hunting

IR teams can use this data to find attackers who have gained access through stolen credentials or have pers

3.3 Correlation With Other Artifacts

- Event Logs
- Network traffic logs (e.g., NetFlow, packet capture)
- Authentication logs (e.g., Active Directory, SSO logs)

4. Data Protection and Security Precautions

4.1 Why This Data Is Sensitive

Exposure of this data can lead to unauthorized access, account takeover, and potential compromise of the s

4.2 Storage, Access Control, and Handling

- Encryption: The file should be encrypted at rest and in transit.