CSP

COMPUTER SECURITY PRODUCTS, INC.

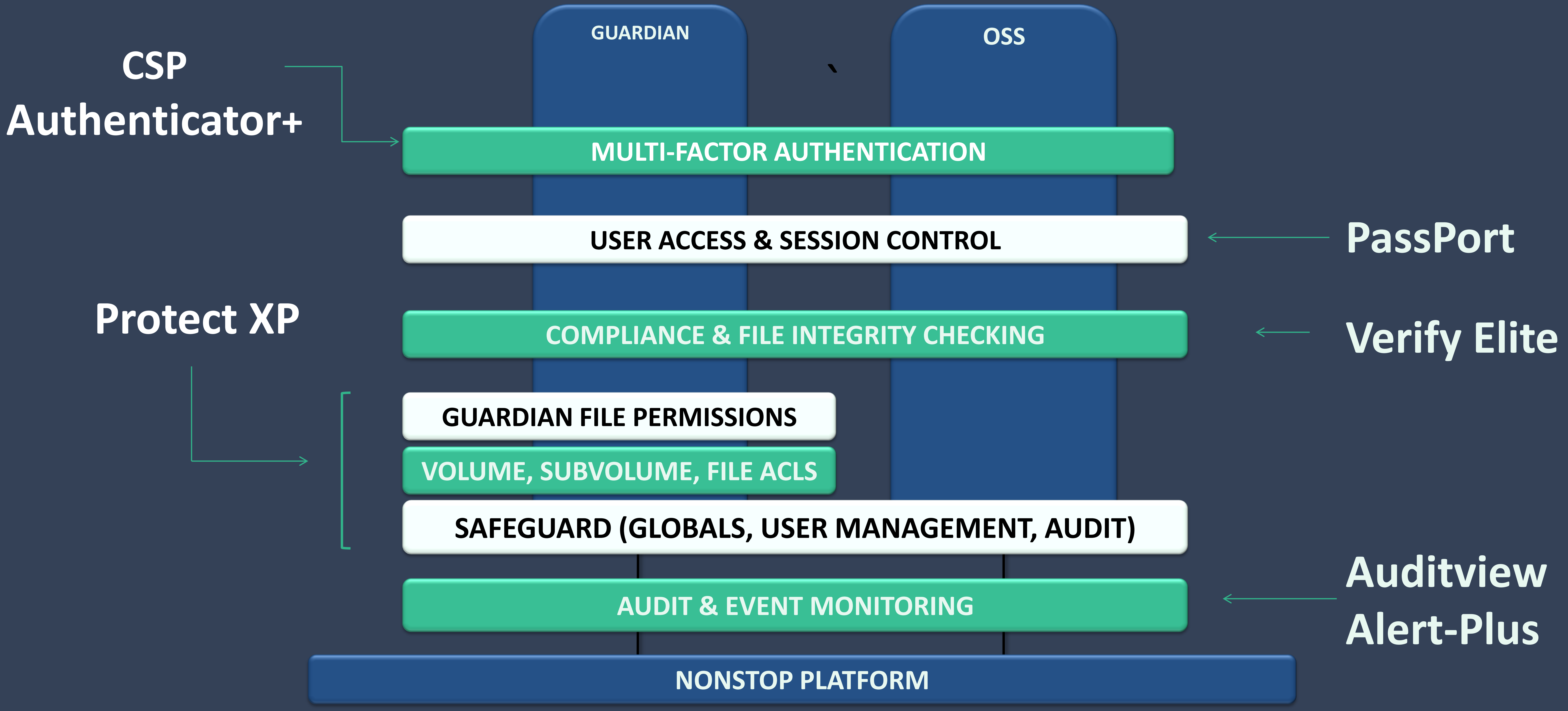
SECURITY | AUDIT | COMPLIANCE

CSP
COMPUTER SECURITY PRODUCTS, INC.

SECURING NONSTOP APPLICATIONS

Presented by Peter Mehta
Head of Sales, CSP

CSP Solution Suite



GUARDIAN

OSS

CSP Authenticator+

MULTI-FACTOR AUTHENTICATION

USER ACCESS & SESSION CONTROL

PassPort

Protect XP

COMPLIANCE & FILE INTEGRITY CHECKING

Verify Elite

GUARDIAN FILE PERMISSIONS

VOLUME, SUBVOLUME, FILE ACLS

SAFEGUARD (GLOBALS, USER MANAGEMENT, AUDIT)

AUDIT & EVENT MONITORING

Auditview

Alert-Plus

NONSTOP PLATFORM

No Organization Is Immune to Threats

ZERO TRUST KEY PRINCIPLES

MULTI-FACTOR AUTHENTICATION

Additional layer to verify authorized access

IDENTITY & ACCESS MGMT

Know which users have access and what they can see and change

DATA ENCRYPTION

Ensure critical data is classified and encrypted

LEAST PRIVILEGED ACCESS

Users should only have access to the specific resources needed to complete a given task

And how can we forget...

Compliance Requirements

PROTECTING SENSITIVE DATA

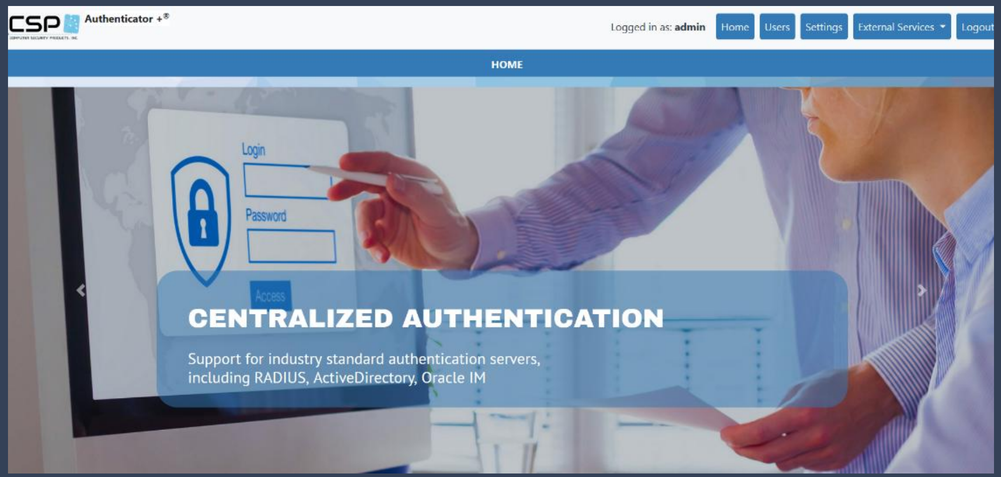
MULTI-FACTOR AUTHENTICATION

PRESERVING THE INTEGRITY OF YOUR NONSTOP

Why is MFA so Critical for NonStop?

1. Provides superior identity verification & security.
2. Ensures compliance with regulations.
3. Required for all access to the CDE (PCI 4.0; Req. 8.4).

CSP's Solution for MFA: CSP Authenticator+

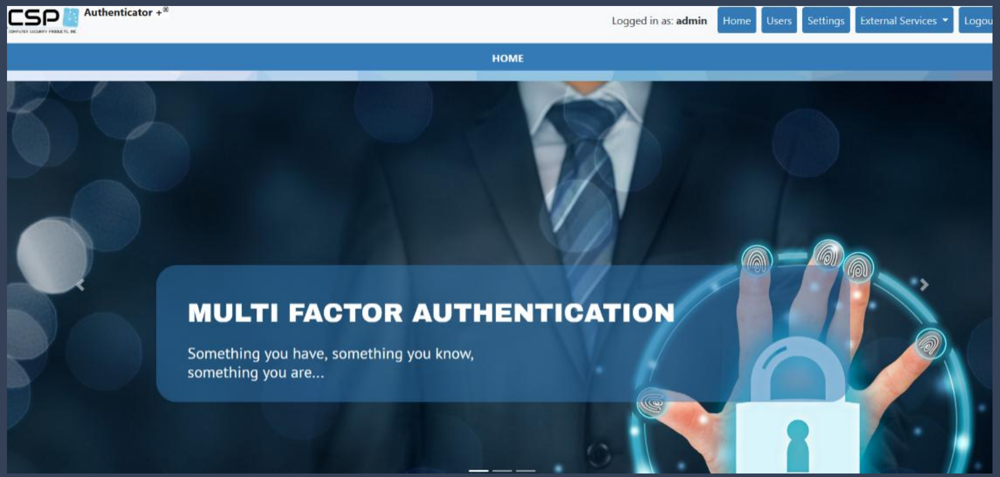


CENTRALIZED AUTHENTICATION

Support for industry standard authentication servers, including RADIUS, ActiveDirectory, Oracle IM

CLOUD-BASED FRAMEWORK

New cloud-native application built using modern technologies

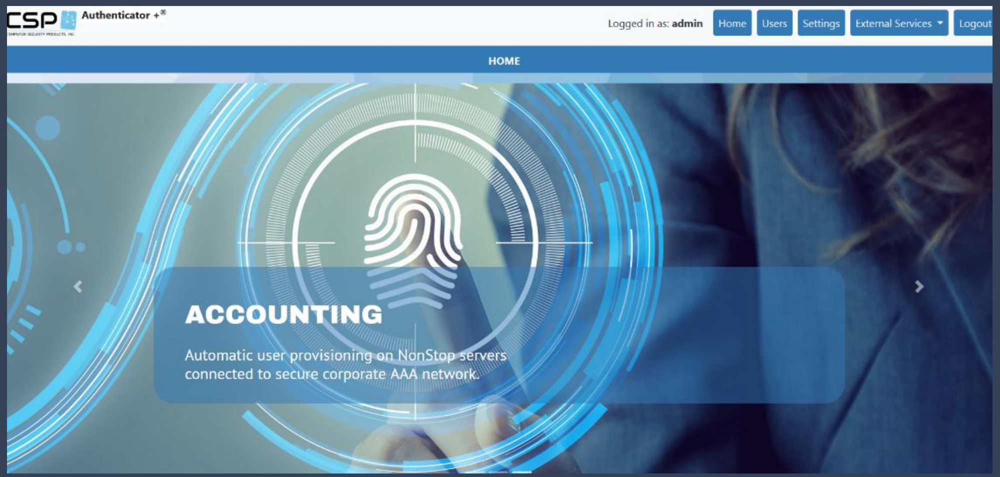


MULTI FACTOR AUTHENTICATION

Something you have, something you know, something you are...

MULTIPLE AUTHENTICATION METHODS

Including Active Directory, RSA, Microsoft, RADIUS, OTP



ACCOUNTING

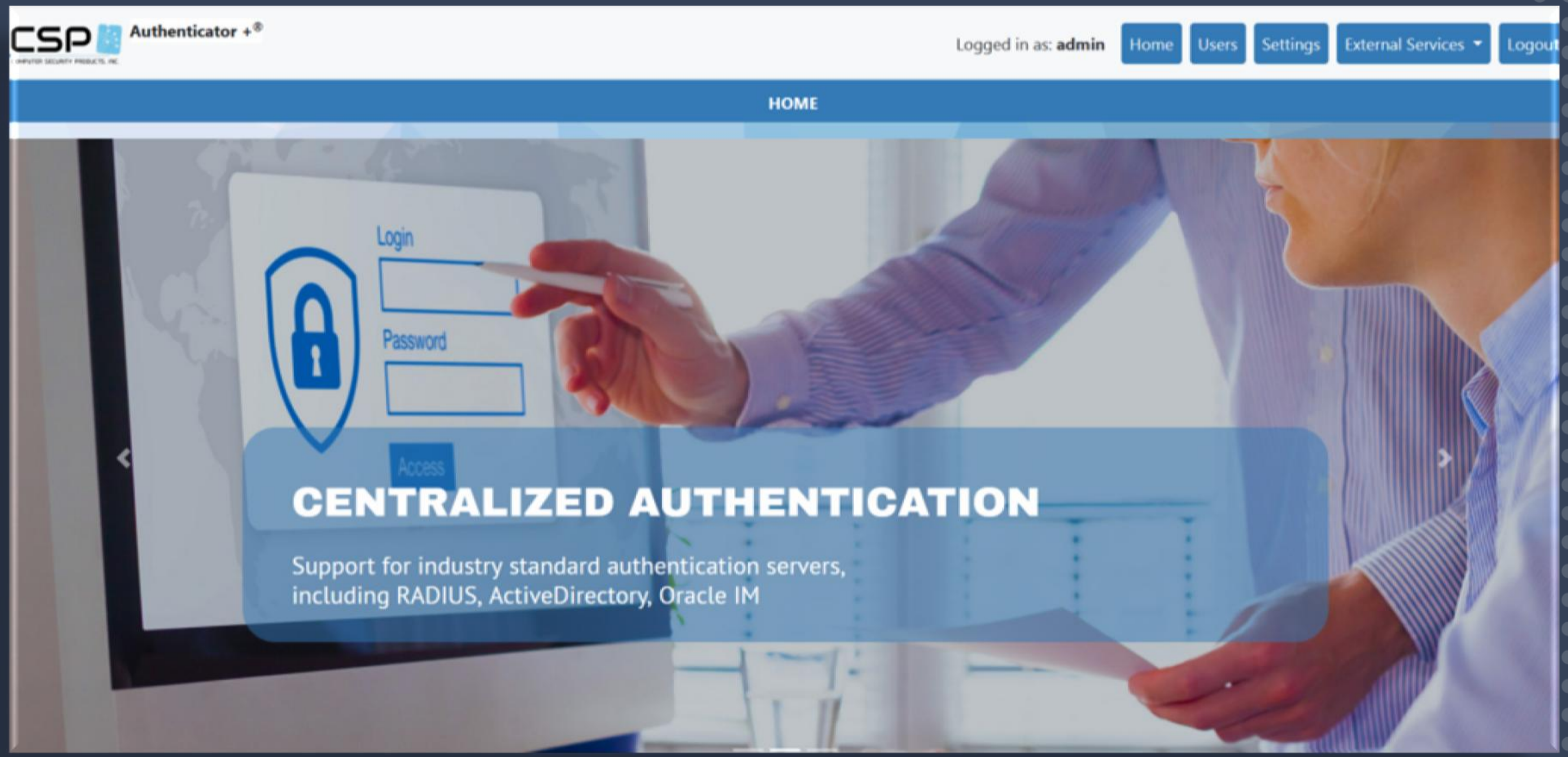
Automatic user provisioning on NonStop servers connected to secure corporate AAA network.

PATHWAY SUPPORT

NonStop agent supports TACL, Pathway and Non-Pathway applications.

CSP Authenticator +

AUTHENTICATION METHODS



CENTRALIZED AUTHENTICATION

Support for industry standard authentication servers, including RADIUS, ActiveDirectory, Oracle IM

SUPPORTED METHODS INCLUDE:

- RADIUS
- ACTIVE DIRECTORY
- RSA, MICROSOFT, GOOGLE
- OPEN LDAP, OTP

CSP AUTHENTICATOR+ KEY FEATURES

1. Support for Various Authentication Methods
2. Browser-based, User-friendly Interface
3. Supports Kubernetes framework & High Availability
4. Configure for All or Select Privileged Users

Protecting Sensitive Data

FILE INTEGRITY MONITORING

PRESERVING THE INTEGRITY OF YOUR NONSTOP

Monitor Changes to Sensitive Data

ENSURE COMPLIANCE

NonStop System security (Guardian & OSS) must meet industry standards and regulations (PCI DSS, SOX, GDPR).

IDENTIFY & TRACK CHANGES

Ensure that any unauthorized changes are immediately identified and reported.

GENERATE COMPLIANCE REPORTS

Have the ability to provide detailed compliance reports.

THE REDESIGNED VERIFY ELITE®

Verify Elite®
COMPLIANCE
Windows 10
Compatible
Hewlett Packard Enterprise
NonStop Tested
NonStop X
NonStop i
CSP
COMPUTER SECURITY PRODUCTS, INC.
Verify Elite® – Compliance at Your Fingertips®

VERIFY ELITE® KEY FEATURES

NEW INTUITIVE DESIGN

Changes to the UI create an Enhanced User Experience.

COMPLIANCE MONITOR

Ensure your compliance by performing regularly scheduled compliance checks.

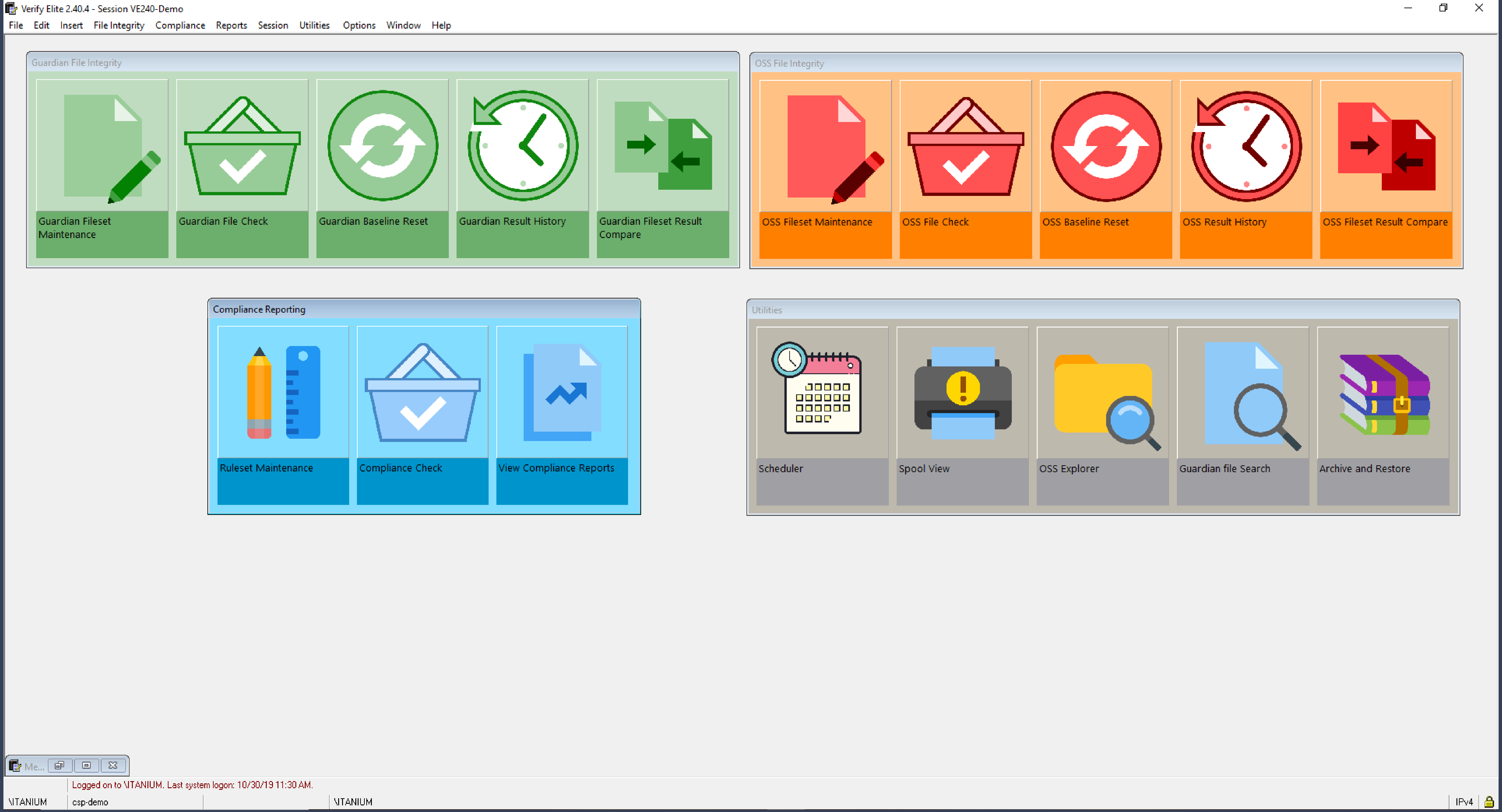
FILE INTEGRITY MONITOR

Execute file integrity checks to immediately identify unauthorized changes.

MULTI-NODE FILESET COMPARE

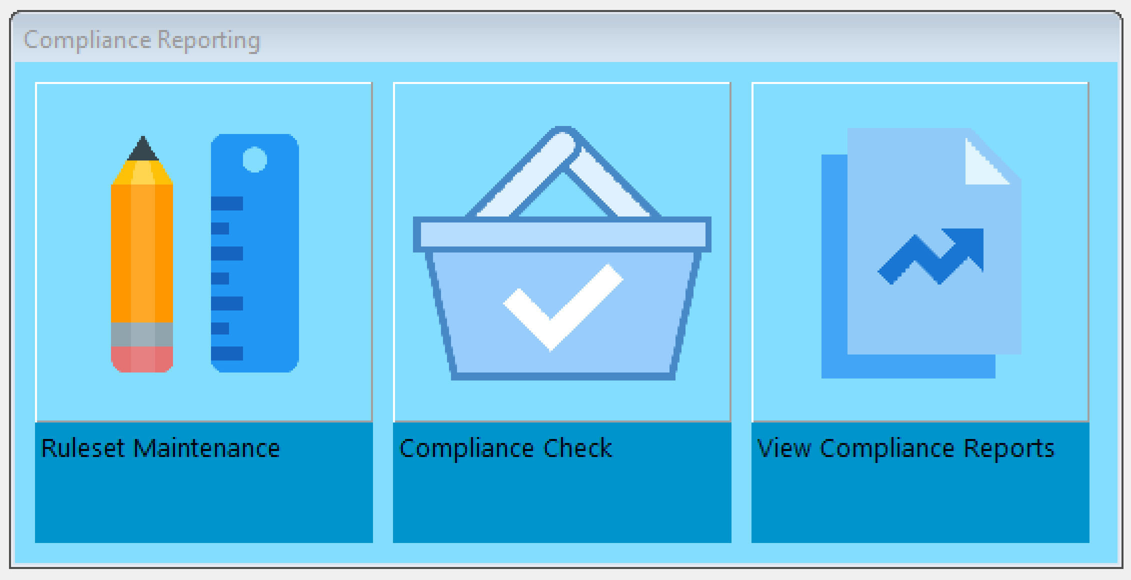
Compare filesets located either locally or across multiple NonStop nodes.

VERIFY ELITE®



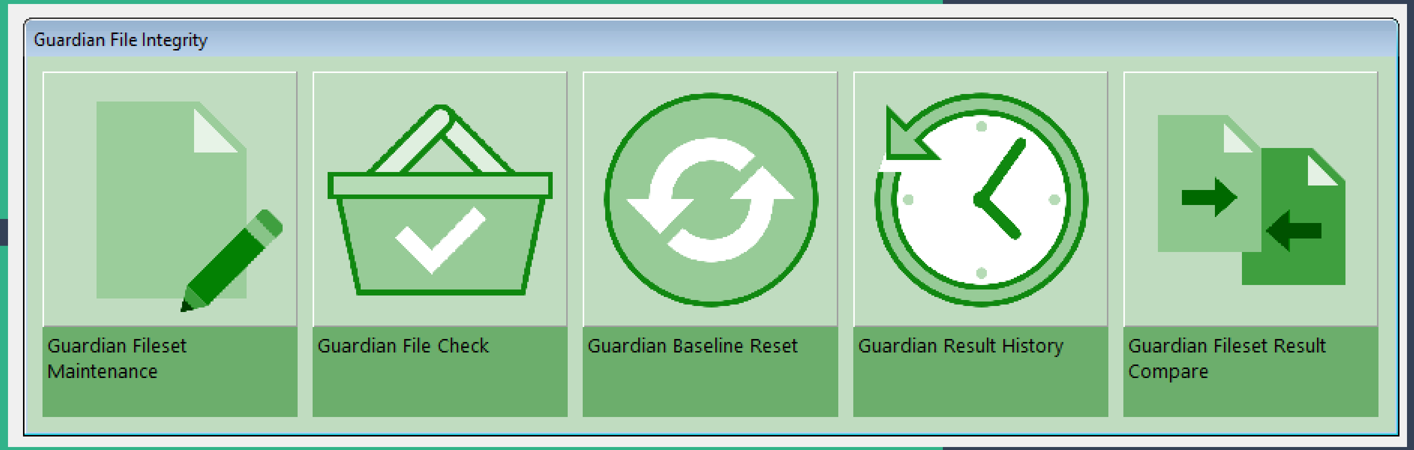
Logged on to \TITANIUM. Last system logon: 10/30/19 11:30 AM.

\TITANIUM csp-demo \TITANIUM



SECURITY COMPLIANCE MONITOR

Verify Elite's Security Compliance Monitor can ensure compliance with regulations and internal security policies by performing regularly scheduled compliance checks.



FILE INTEGRITY MONITOR

Verify Elite's File Integrity Monitor ensures that any unauthorized changes are immediately identified and reported by executing regularly scheduled file integrity checks.

Verify Elite®

Multi-Node Fileset Compare

Regular comparison of filesets across nodes should also be a part of the file integrity verification process.

MULTI-NODE FILESET COMPARE FEATURE ALLOWS YOU TO:

- Compare filesets situated either locally or across NonStop nodes.
- Compare any two selected filesets.
- Identify both the matches and differences between the file attributes in each fileset across nodes.
- If a discrepancy is found, investigation and possible remedial action can be taken.

VERIFY ELITE® KEY FEATURES

1. Pre-Built Customizable Compliance Rules

2. Monitors Both Guardian & OSS Files

3. Schedule periodical checks

4. Real Time Notifications with Alert-Plus

NEW PRODUCT ANNOUNCEMENT!

Introducing -

CSP Vulnerability Scanner !

Vulnerability Scanning & Reporting solution for NonStop servers

CSP - Compliance at your Fingertips™

Why scan NonStops?

- Prevent & minimize data loss in case of unauthorized breaches, cyber attacks, or unintentional errors
- Identify & rectify privilege creep, and reduce exposure to sensitive data
- Get recommendations for improving system security and restricting access
- Address compliance requirements

Vulnerability Scanner

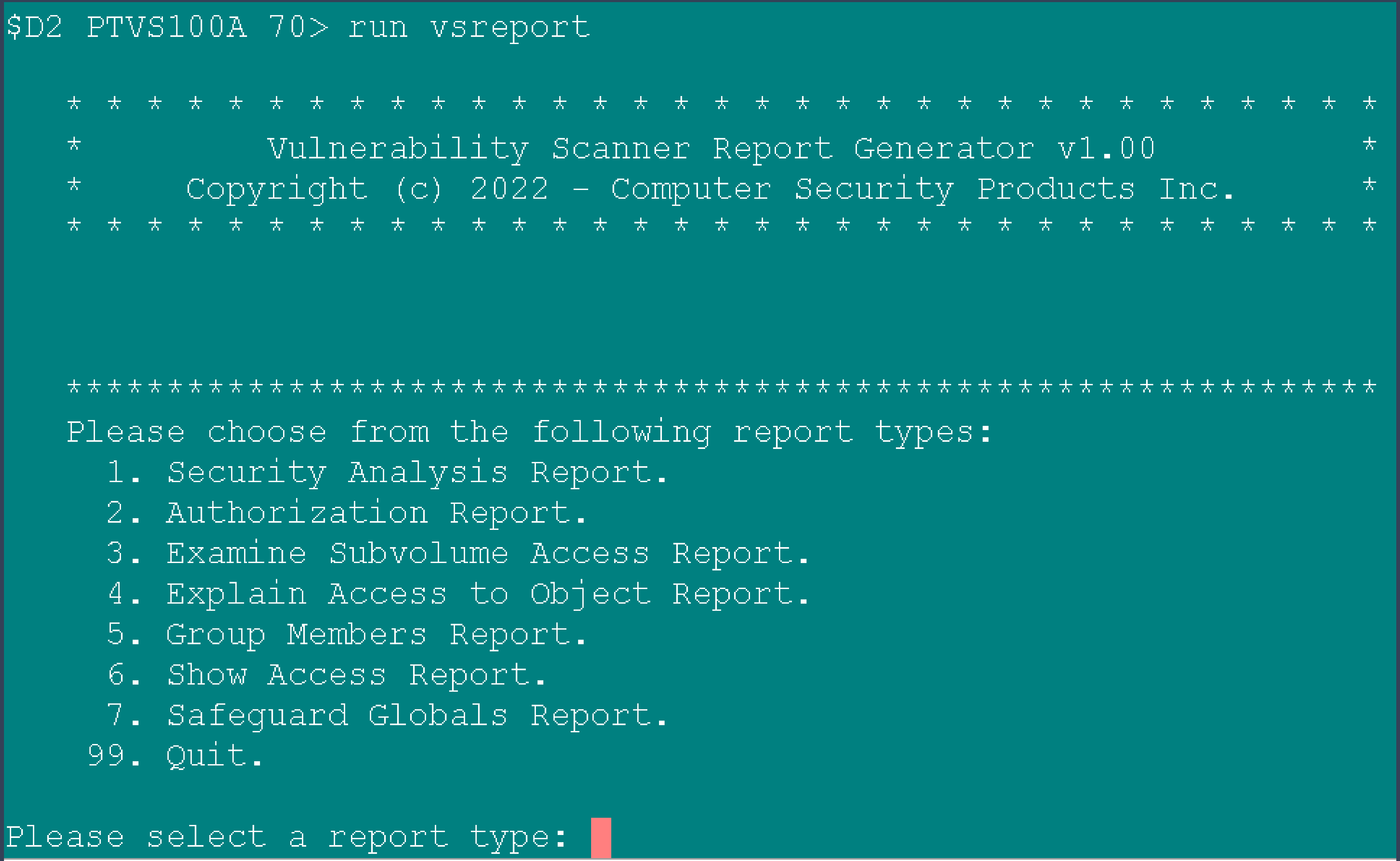
Key Features

- Scans NonStop systems configuration, security settings & access permissions
- Provides recommendations to address vulnerabilities along with insights from CSP-Wiki
- Very easy to install and use
- Select from list of available report categories and parameters
- Quickly perform scans and generate insightful reports
- Export and share reports with Spoolview

Vulnerability Scanner Key Report Types

- Security Analysis Reports
- Authorization Reports
- Explain Access to Objects
- Safeguard Globals Reports
- Group Members Reports
- Examine Sub-Volume Access Reports
- Show Access Reports

VS-1

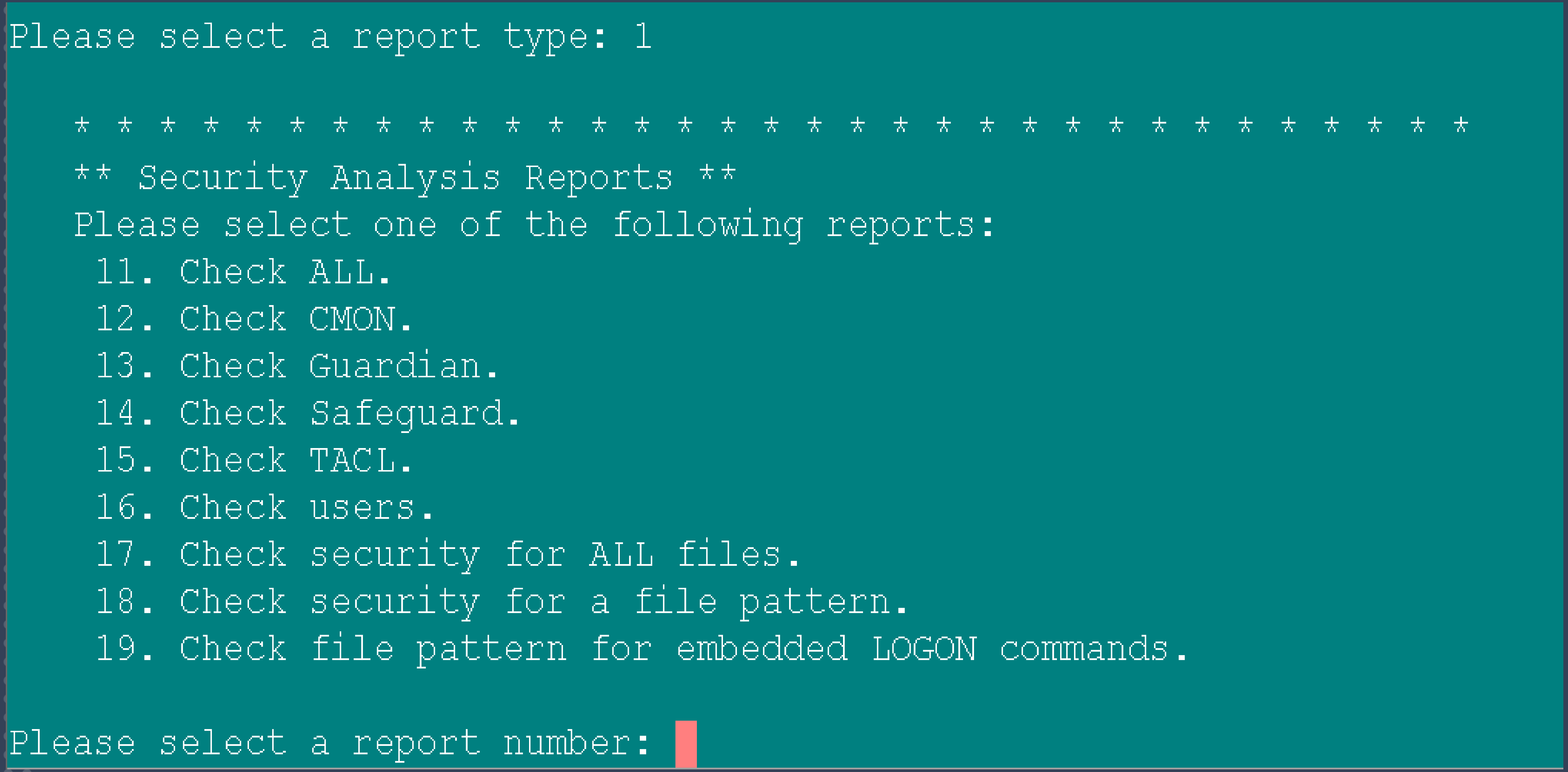


```
$D2 PTVS100A 70> run vsreport

   * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
   *         Vulnerability Scanner Report Generator v1.00          *
   *     Copyright (c) 2022 - Computer Security Products Inc.      *
   * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *




   ******************************************************************
   Please choose from the following report types:
     1. Security Analysis Report.
     2. Authorization Report.
     3. Examine Subvolume Access Report.
     4. Explain Access to Object Report.
     5. Group Members Report.
     6. Show Access Report.
     7. Safeguard Globals Report.
    99. Quit.

Please select a report type:
```

This is where you execute the VSREPORT macro from the installation sub-volume.

It presents 7 key report categories for selection.

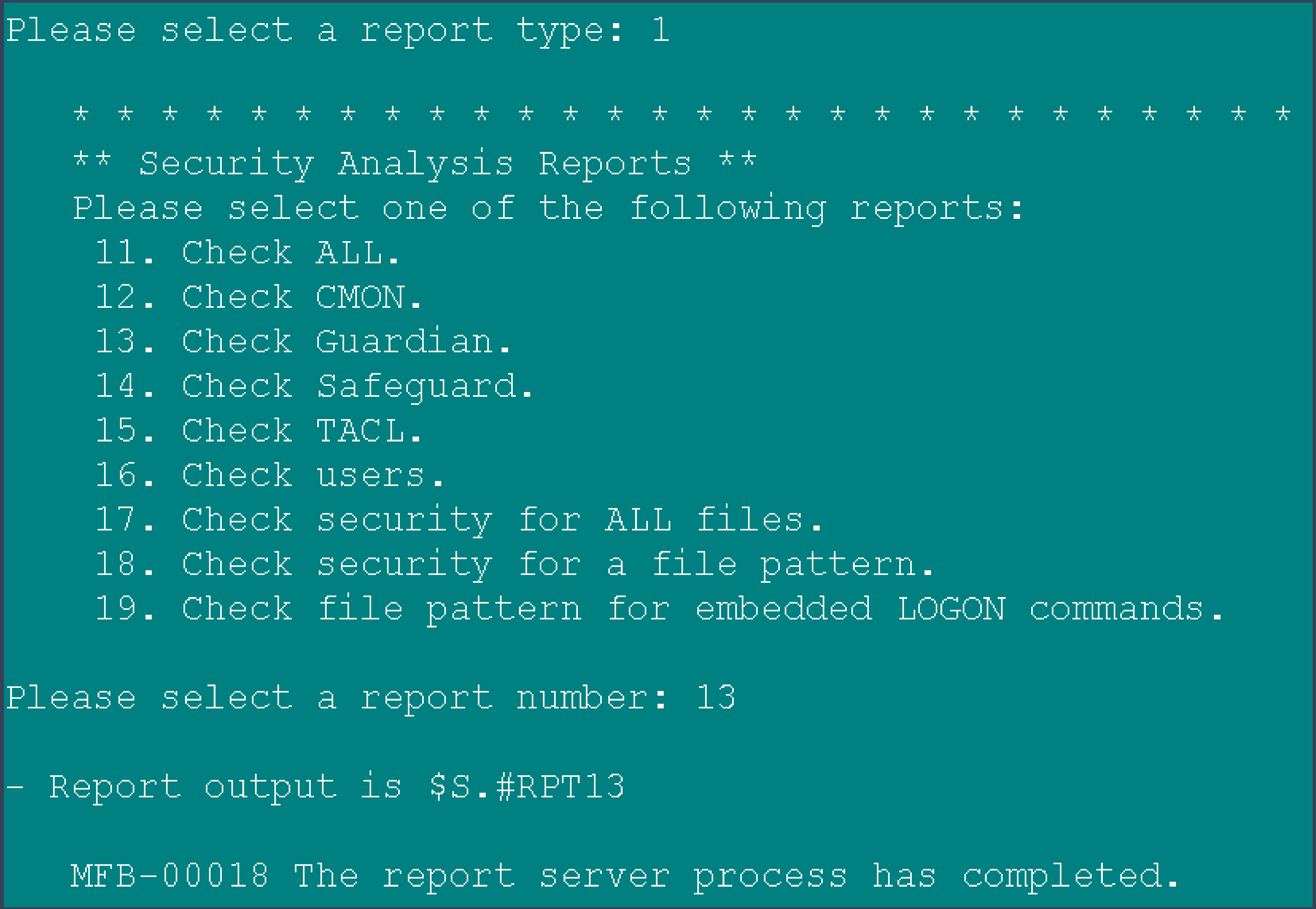
VS-2



```
Please select a report type: 1

   * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
   ** Security Analysis Reports **
   Please select one of the following reports:
    11. Check ALL.
    12. Check CMON.
    13. Check Guardian.
    14. Check Safeguard.
    15. Check TACL.
    16. Check users.
    17. Check security for ALL files.
    18. Check security for a file pattern.
    19. Check file pattern for embedded LOGON commands.

Please select a report number:
```

After a report number is chosen in the previous step, it presents the corresponding report types for further selection

VS-3



```
Please select a report type: 1

   * * * * * * * * * * * * * * * * * * * * * * * * * * * *
   ** Security Analysis Reports **
   Please select one of the following reports:
    11. Check ALL.
    12. Check CMON.
    13. Check Guardian.
    14. Check Safeguard.
    15. Check TACL.
    16. Check users.
    17. Check security for ALL files.
    18. Check security for a file pattern.
    19. Check file pattern for embedded LOGON commands.

Please select a report number: 13

- Report output is $S.#RPT13

   MFB-00018 The report server process has completed.
```

After selections and entering any requested parameters, the job executes and report is produced.

Q&A

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ADDITIONAL RESOURCES

CSP WEBSITE

www.cspsecurity.com

CSP-WIKI

https://wiki.cspsecurity.com/

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