Recast

Remote Windows Security

Last Modified on 2026-07-20

The **Remote Windows Security** tool lets you view critical security information associated with your environment and devices. You can run some actions directly from within Remote Windows Security.

To locate this tool, right-click on a device and navigate to **Right Click Tools** > **Security Tools** > **Remote Windows Security**.

> For **Secure Boot Certificate Expiry Readiness** features, see **Firmware**.

Required Permissions

Plugin	Permissions
ActiveDirectory	GetADComputersBitLockerStatus
BitLocker	GetBitLockerStatus AddTPMAndSKKeyProtector AddPassphraseKeyProtector DecryptVolume EncryptVolume AddProtectorsAndEncrypt ResumeBitLockerVolume ForceBitLockerRecovery AddTPMAndPINKeyProtector BackupProtectorToAD AddTPMKeyProtector BackupProtectorToAzureAD RegenerateBitLockerRecoveryKey SetVolumeIDField AddNumericalPasswordKeyProtector SuspendBitLockerVolume GetRecoveryPasswordFromDevice
ConfigMgrServer	GetSystemsBitLockerEncryptionStatus
SCEP	GetDefenderStatus StartDefenderScan UpdateSCEPDefinitions GetDefenderExclusions FullSCEPScan GatherSCEPLogs AddDefenderExclusion
SystemInformation	ResetBitLockerRecoveryPassword

Plugin	Permissions
WindowsSecurity	GetWindowsFirewallProfiles EnableSystemGuardSecureLaunch EnableCredentialGuardSettings GetAllVirtualizationBasedSecuritySettings GetUefiSecureBootStatus EnableTpmAutoProvisioning ProvisionTpm ClearTpm GetTpmStatus GetWindowsFirewallRules GetSecureBootStatus EnableVirtualizationBasedSecurity GetCredentialGuardSettings GetSystemGuardSecureLaunchSettings GetVirtualizationBasedSecuritySettings

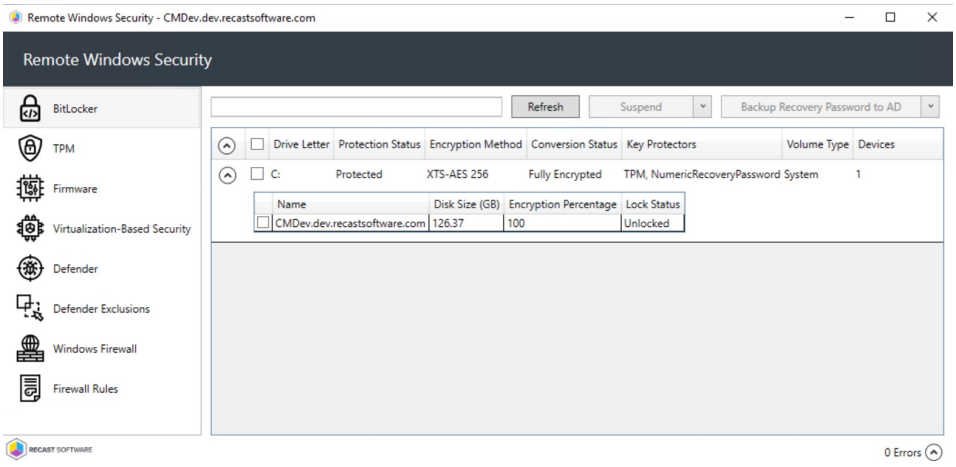
BitLocker

View the current protection status for the drives on selected computers.

Details include:

- Associated Drive Letter
- Protection Status for the drive
- Encryption Method for the drive
- Conversion Status for the drive, if encrypted
- Key Protectors used for this drive
- Volume Type for this drive
- Number of devices in this selection

Expand the section for each drive to view Disk Size in GB, Encryption Percentage, and Lock status.



BitLocker Actions

- **Suspend** or **Resume** BitLocker encryption

- **Decrypt** or **Encrypt** the content of the volume.
  - A confirmation prompt appears before decryption begins.
  - When you click **Encrypt**, the Right Click Tools Encryption Wizard will open and you'll be asked to choose options such as encryption method and its scope.
- **Backup Recovery Password to AD**: Saves the password to Active Directory Domain Services.
- **Backup Recovery Password to Azure**: Saves the password to Entra ID (formerly Azure Active Directory) Domain Services.
- **Force Recovery on Next Restart**: Forces the user to enter the recovery key upon device restart.
- **Regenerate Recovery Password**: Generates a new recovery password.

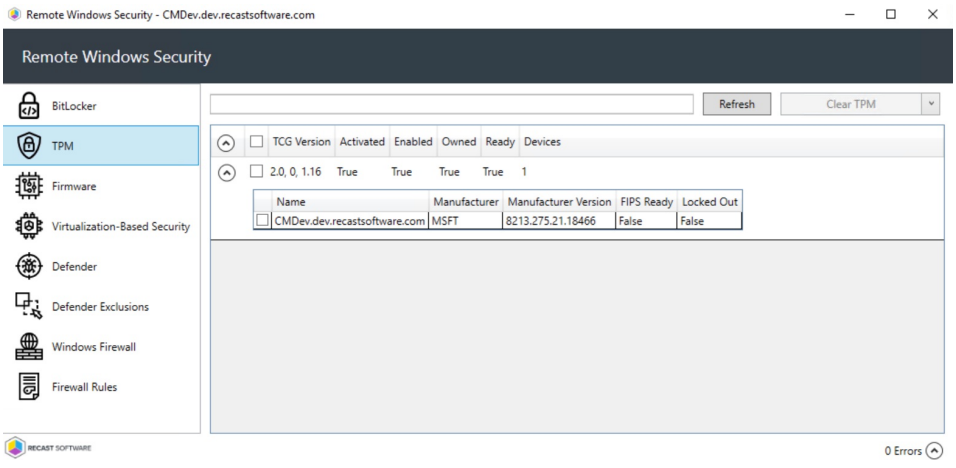
TPM

The **TPM** tab shows information about the status of the Trusted Platform Module on selected computers.

Included details:

- Trusted Computing Group (TCG) Version
- TPM Activated (T/F)
- TPM Enabled (T/F)
- TPM Owned by the OS (T/F)
- TPM Ready (T/F)
- Number of Devices in this selection

Expand a section to display Manufacturer and Manufacturer Version details, as well as whether the device is FIPS Ready or Locked Out.



TPM Actions

Clear TPM: Resets the TPM to its default state. This function removes the owner authorization value and any keys stored in the TPM.

Provision TPM: Executes part of the provisioning process which prepares a TPM for use.

Enable Auto-Provisioning: Allows TPM provisioning to happen during auto-provisioning.

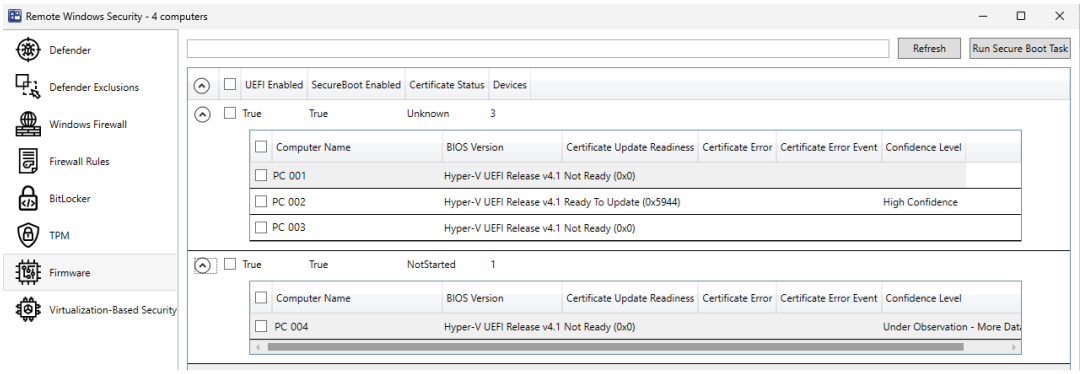
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Firmware

The **Firmware** tab shows security information related to selected devices.

Included details:

- Unified Extensible Firmware Interface (UEFI) Enabled – (T/F)
- Secure Boot Enabled – (T/F)
- Certificate Status – Tied to whether the UEFICA2023 certificate is installed on the device
  - NotStarted: Update has not yet run
  - InProgress: The certificate is, at a minimum, staged on the device. It may be pending reboot or in an error state.
  - Updated: Certificate update has completed successfully
  - Unknown: There was an issue identifying the current status
    See also Registry key updates for Secure Boot: Windows devices with IT-managed updates – Microsoft Support
- Number of Devices in this selection
- BIOS Version
- Certificate Update Readiness
  - Ready to Update
  - Not Ready – Device is not yet configured to process Secure Boot updates. You must set up endpoints to do this separately before the update will work. You can manage Secure Boot certificate updates using group policies, Intune settings, or with a Recast Builder template available from our Community Recast Automation Repository.
- Certificate Error
- Certificate Error Event
- Confidence Level – Corresponds to the Bucket Confidence Level assigned to the device based on its update behavior across similar hardware and firmware configurations. See Registry Values Registry Values – Microsoft Support.



Available Actions:

- **Run Secure Boot Task** – Launches the built-in Windows scheduled task (Microsoft\Windows\PI\Secure-Boot-Update) to process available Secure Boot updates.
  - The Secure-Boot-Update task ordinarily runs on its own from time to time on devices configured for Secure Boot updates. This tool just forces it to launch.
  - The task won't run if the device's Certificate Update Readiness state is listed as 'Not Ready'.
  - Because of how UEFI servicing works, the task may require multiple reboots.
- **Export CSV** – Create a quick report from the data on this tab

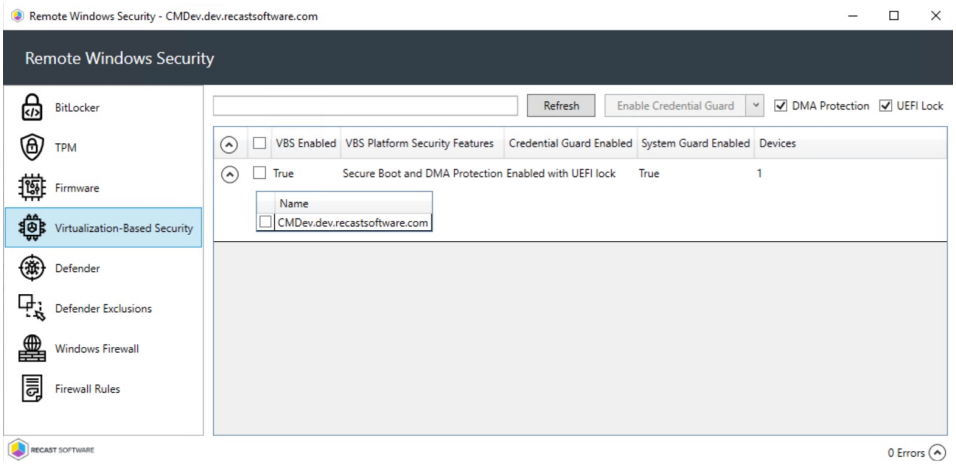
Trying to figure out which devices are already compliant with Secure Boot 2023?
Or which systems are capable but not yet updated?
See Garth Jones' blog post: How to Inventory Secure Boot 2023 Certificate Readiness with SCCM (ConfigMgr)

Virtualization

This tab shows information about virtualization-based security options for selected computers.

Included details:

- Virtualization-Based Security (VBS) Enabled (T/F)
- VBS Platform Security Features
- Credential Guard Enabled
- System Guard Enabled (T/F)
- Number of Devices in this selection



Virtualization-Based Security Actions

- **Enable Credential Guard**
- **Enable System Guard**
- Enable or disable **DMA Protection**: Enabled by default
- Enable or disable **UEFI Lock**: Enabled by default

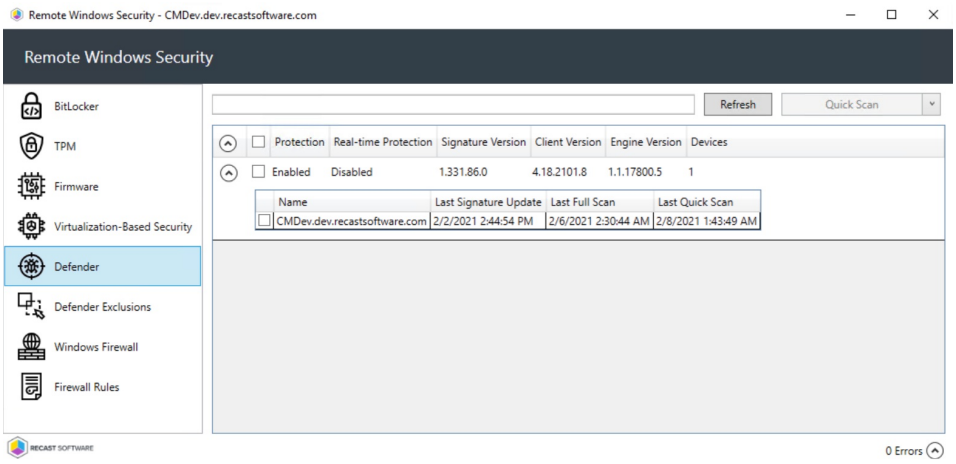
Defender

The **Defender** tab shows information about the status of Windows Defender Antivirus on selected computers.

- Defender Protection (Enabled/Disabled)
- Real-time Protection (Enabled/Disabled)
- Installed antivirus Signature Version
- Installed Defender Client Version
- Installed Defender Engine Version
- Number of Devices in this selection

Expand a section to display the following information for each device selected when running Remote Windows Security.

- Date and time of Last Signature Update
- Date and time of Last Full Scan completion
- Date and time of Last Quick Scan completion

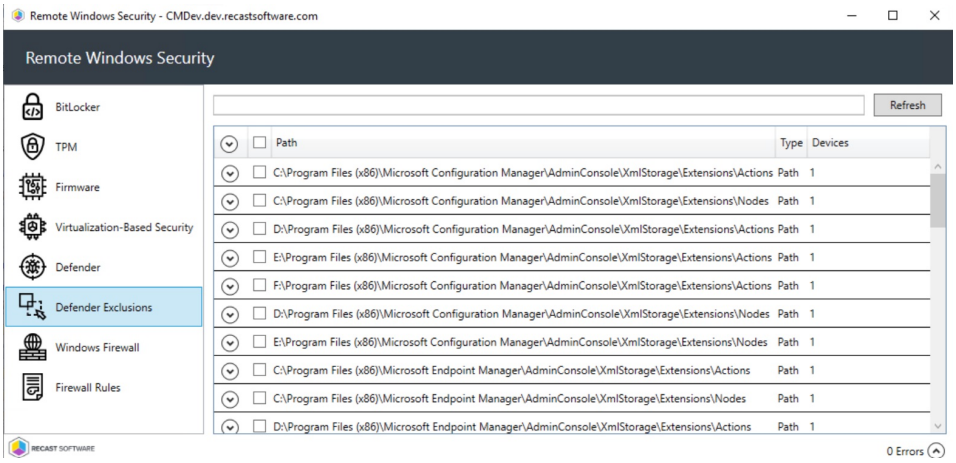


Defender Actions

- **Quick Scan** (recommended): Scans the locations where malware might be registered to start with the system, such as registry keys and knows Windows startup folders.
- **Full Scan**: Starts with a Quick Scan, then extends the search with a sequential file scan of mounted fixed disks and network drives. A full scan can take hours or days to complete, depending on the amount and type of data included in the scan. If new security intelligence update become available during a full scan, the scan should be repeated to include new threat detections contained in the update.
- **Update Definitions**: Downloads updates to the definition files used to identify malware and other potentially unwanted software.

Defender Exclusions

The **Defender Exclusions** tab lists the exclusions applied to selected computers, including the exclusion **Path** and **Type**.



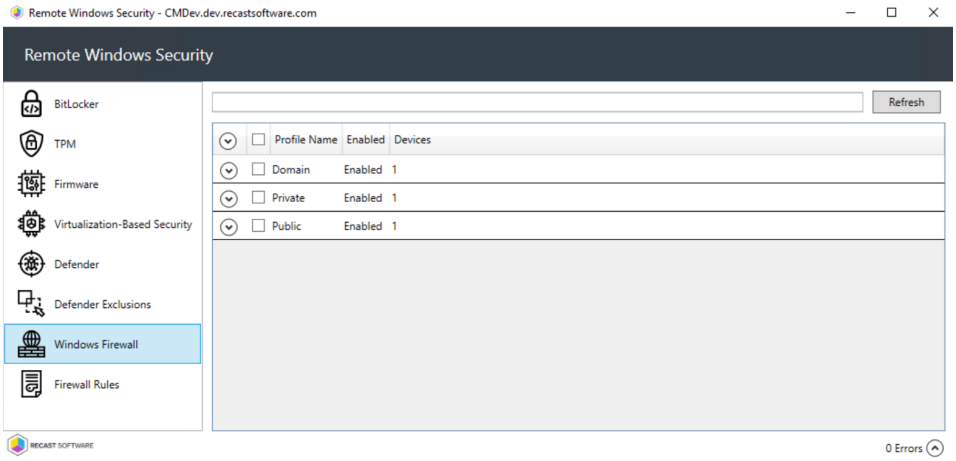
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Windows Firewall

The **Windows Firewall** tab display firewall details for selected computers, including whether profiles have been enabled for:

- Domain
- Private
- Public

Expand a section to display more information about an individual firewall profile. The data shown can help determine the inbound and outbound communications allowed on each device and which ports are used. This is also where you can see if logging is enabled and where logs are located.



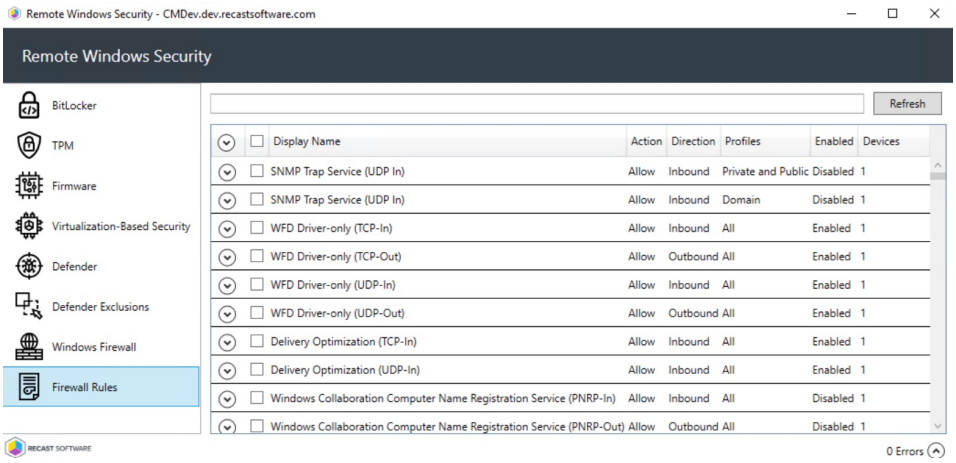
Firewall Rules

This tab displays Windows firewall rules applied to selected computers.

Details include:

- Action: Allow / Block
- Direction: Inbound / Outbound
- Profiles: All, Domain, Private, Public
- Firewall rule Enabled or Disabled
- Number of Devices in this selection

Expand the section for each rule to see the devices on which the rule is applied.



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