

Agenda

- Overview
- Architecture
- Advanced Configuration
- Troubleshooting
- Cases handling

Email Notifications – Password Management

Notification	Enabled by default	How to configure (CPM policy files)
Password verification error	Yes	NFNotifyOnVerificationErrors [NFOnVerificationErrorsRecipients]
Password is disabled	Yes	NFNotifyOnPasswordDisable]NFOnPasswordDisableRecipients[
Advance notice on password change	No	NFNotifyPriorExpiration DaysNotifyPriorExpiration [NFPriorExpirationFromHour, NFPriorExpirationToHour, NFPriorExpirationInterval, NFPriorExpirationRecipients]
[Password was accessed (through PVWA)]	No	NFNotifyOnPasswordUsed [NFOnPasswordUsedRecipients[

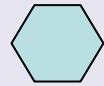
Email Notifications – Vault Events

Notification	Enabled by default	How to configure (dbparm.ini – VaultEventNotifications)
A request has been created	Yes	NotifyOnNewRequest
Confirmation from an authorized user has been received	No	NotifyOnConfirmRequest
A request has been rejected by an authorized user	Yes	NotifyOnRejectRequest
The final confirmation from an authorized user has been received	Yes	NotifyOnConfirmRequestByAll
A request has been deleted	Yes	NotifyOnDeleteRequest
A password or file has been stored in the Vault	No	NotifyOnStoreObject

Architecture

- **Cross product notifications infrastructure**
 - Minimal configuration needed for typical support
- **Strict SLA (Service Level Agreement)**
 - 30 seconds from events creation to notification sending
 - 100 events per minute
- **Extensible**
 - easier to introduce new event types
- **Configurable**
 - Which events to handle
 - Notification data
 - Notification format
 - Notification destination

Architecture



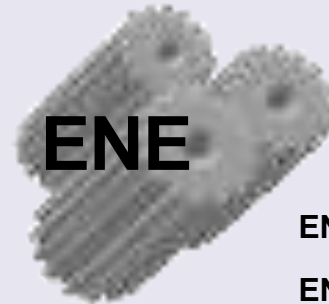
CPM

CPM password change failed

CPM generates event



Vault



ENE Collects events from Vault

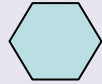
ENE Matches event handling rule

ENE finds notification recipients

ENE Builds notifications data

ENE sends notification

Architecture



User is requesting for password object



Vault



ENE



- ENE Collects events from Vault**
- ENE Matches event handling rule**
- ENE finds notification recipients**
- ENE Builds notifications data**
- ENE sends notification**

Architecture

- Service application (service name “CyberArk Event Notification Engine”)
- Client application – connects to the Vault using NotificationEngine user
- Safe ownership on Notification Engine safe using the Notifications engines group
- Located on Vault machine
 - Firewall opened dynamically to SMTP server
 - Vault – SMTP connectivity is mandatory
- Configuration files are located in Notification Engine safe
 - Rules.xml, Recipients.xml, SendMethods.xml, Templates.xml, TemplateMapFile.xml, EventNotificationEngine.ini, ENEConfiguration.xml

Sample Rules XML

Advanced Configuration – Rules

- Events are retrieved from the Vault, all the rules are checked for matching.
- How can we control rule matching?
- Event Type ID – rules matched only for specific event type ID

```
–      <RelevantEvents>  
          <EventType Id="1"/>  
      </RelevantEvents>
```

- Relevant Safes - rules matched only for specific safe pattern

```
–      <RelevantSafes>  
          <Safe Name="Linux.*" SearchMethod="RegExp"/>  
      </RelevantSafes>
```

- Relevant Folders – rules matched only for specific folder pattern

```
–      <RelevantFolders>  
          <Safe Name="Yogi.*" SearchMethod="RegExp"/>  
      </RelevantFolders>
```

以上内容仅为本文档的试下载部分，为可阅读页数的一半内容。如要下载或阅读全文，请访问：<https://d.book118.com/108022131073006073>