**Spring Cloud Vault – 2024**

**Pom.xml Relevant portion**

<parent>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-parent</artifactId>

<version>3.3.4</version>

<relativePath />

</parent>

<dependencies>

<dependency>

<groupId>org.springframework.cloud</groupId>

<artifactId>spring-cloud-starter-vault-config</artifactId>

</dependency>

</dependencies>

<dependencyManagement>

<dependencies>

<dependency>

<groupId>org.springframework.cloud</groupId>

<artifactId>spring-cloud-dependencies</artifactId>

<version 2023.0.3</version>

<type>pom</type>

<scope>import</scope>

</dependency>

</dependencies>

</dependencyManagement>

Application-dev.properties

**Vault Configuration with Role Based Authentication**

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# Vault Non-Prod Configuration with role based authentication

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spring.cloud.vault.host=hcvault-nonprod.company.com

spring.cloud.vault.port=443

spring.cloud.vault.scheme=https

spring.cloud.vault.namespace=5034

# Role Based Vault authentication

spring.cloud.vault.authentication=APPROLE

spring.cloud.vault.app-role.role-id=3fbe8efa-81ef-f983-39f2-3c5ddd2421c3

spring.cloud.vault.app-role.secret-id=7610fe8e-5118-aeed-eb20-5eae7a5b96f5

spring.cloud.vault.app-role.role=5034-approle

#-----------------------------------------------------------------------

**Vault Configuration with Token Based Authentication**

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## Vault Non-Prod Configuration with token

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#spring.cloud.vault.uri=https://hcvault-nonprod.company.com/

## Token for Service Account: svc\_npc3admins/Jae4\*?3~f7G6h0i\_+k1vwLxd

##spring.cloud.vault.token=hvs.CAESIAdfHPa27XnDPzsh1WIdC51SVDLgCkE66kvHGApMxuVDGiYKHGh2cy5Va2p3S1FpV1doaGtLRWk3dFB6ajEzMFUQ4JG36gIYCA

#spring.cloud.vault.token=${vault.token}

#spring.cloud.vault.namespace=5034

#

#spring.cloud.vault.config.lifecycle.enabled=true

#spring.cloud.vault.config.lifecycle.min-renewal=10s

#spring.cloud.vault.config.lifecycle.expiry-threshold=5m

#spring.cloud.vault.session.lifecycle.refresh-before-expiry=30s

#spring.cloud.vault.config.lifecycle.enabled.lease-endpoints=Legacy

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# Local or Global Configuration for Config Client

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# To run application locally with Central Cloud Config Server (Always Default)

spring.config.import=optional:configserver:https://c3-cloud-config-server-dev.pnp9.pcf.company.com/, vault://kv/C3/${spring.profiles.active}

**Important to Remember**

**spring.cloud.vault.host**

**spring.cloud.vault.port**

**spring.cloud.vault.scheme**

**spring.cloud.vault.namespace**

**spring.config.import= vault://kv/C3/dev or test or prod**