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Changes to the security level of the system



Developing the project [zpm "install isc-apptools-lockdown"](#) implemented the ability to set the security level not only to lockdown, but also to minimum and normal.

Increasing security settings

You can replace the shared password if the password of the predefined system users has been compromised

```
USER>do ##class(appmsw.security.lockdown).ChangePassword("NewPass231",##class(appmsw.security.lockdown).GetPreparedUsers())
```

Apply Security settings to "LockDown"

```
USER>do ##class(appmsw.security.lockdown).SetSecurityLevel("lockdown","NewPassword123")
```

or equivalent

```
USER>zpm "install isc-apptools-lockdown -Dzpm.securitylevel=lockdown -Dzpm.newpasswd=NewPassword123"
```

Apply Security settings to "normal"

```
USER>do ##class(appmsw.security.lockdown).SetSecurityLevel("normal","NewPassword123")
```

or equivalent

```
USER>zpm "install isc-apptools-lockdown -Dzpm.securitylevel=normal -Dzpm.newpasswd=NewPassword123"
```

Apply Security settings to "minimum"

```
USER>do ##class(appmsw.security.lockdown).SetSecurityLevel("minimum","SYS")
```

or equivalent

```
USER>zpm "install isc-apptools-  
lockdown -Dzpm.securitylevel=minimum -Dzpm.newpasswd=SYS"
```

Added methods for saving the current security level to the global and applying these settings to other instances.

To do this, you need to save the current applied security settings: the values of the Enabled and AuthEnabled parameters in the predefined objects of the Security.Applications, Security.Services and Security.System classes in the global by running the command

```
do ##class(appmsw.security.lockdown).SaveSecLevel(1,"Custom",,"d:\!\Custom.xml")
```

Import this Custom.xml global to the target instance and apply this applied security level there with the command

```
do ##class(appmsw.security.lockdown).SetSecurityLevel("Custom","Custom321level")
```

or

```
zpm "install isc-apptools-  
lockdown -Dzpm.securitylevel=Custom -Dzpm.newpasswd=Custom321level"
```

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Source URL:<https://community.intersystems.com/post/changes-security-level-system>