## **Tomcat FAQ**

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- Q). Can PINsafe run on different ports than 8080 or 8443
- A). Yes. Tomcat can be set to run on almost any required port for http and https communication. Note that for Unix machines, ports below 1024 need to run as root, so for security reasons it is not recommended to run Tomcat using these ports. Note Port Address Translation on the firewall is often a good way of connecting by a different port such as 80 and 443.
- Q). How do I delete pinsafe
- A). The clean way to do this is to remove the pinsafe.war file in the Tomcat Webapps folder while Tomcat is running. This will automatically uninstall the pinsafe application folder. To remove references to previously installed versions of PINsafe clear out the relevant files in <tomcat\_root>\conf\Catalina\localhost.
- Q). Can I run multiple instances of PINsafe on Tomcat
- A). This is possible, but it requires the second instance to be modified slightly to use a different location for the configuration files and different databases if required. Also, if both instances use RADIUS, one will have to have different ports configured.
- Q). Is it possible to monitor Tomcat and alert if it stops and starts
- A). Yes see the following article MON Service Monitor How to guide