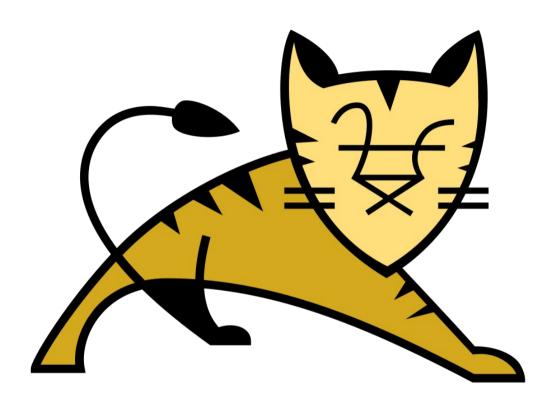
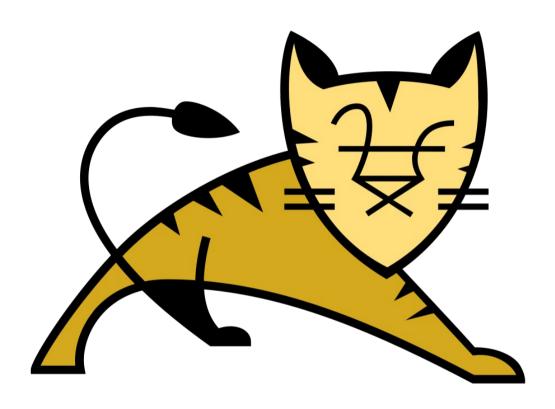
Apache Tomcat (default credentials)



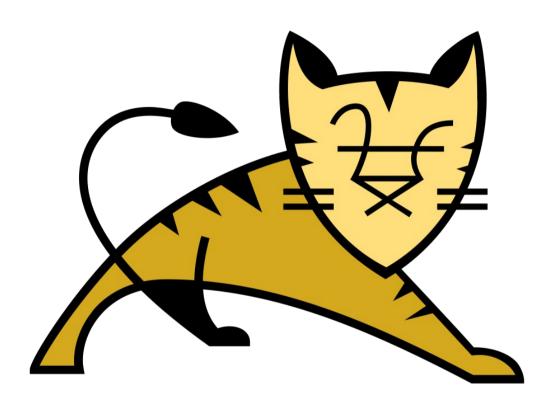
Apache Tomcat is a Java-enabled webserver software which allows Java servlets to be run on webpages

Apache Tomcat (default credentials)



If a malicious user is able to gain admin-level access to a Tomcat server, malicious Java code (called WAR files) can be deployed on the website

Apache Tomcat (default credentials)



In this case, the default credentials for the Tomcat manger page are in place, so we can just login

Privilege Escalation SelmpersonatePrivilege

Privilege Name				Description	State
SeIn SeSy	crease(stemtir	luotaPri nePrivil	/ilege ege	Replace a process level token Adjust memory quotas for a process Change the system time	Disabled Disabled Disabled
SeAu	ditPri	Privileg vilege ifyPriv		Shut down the system Generate security audits Bypass traverse checking	Disabled Disabled Enabled
SeUn	dockPr:	lvilege atePrivi	<u>/</u>	Remove computer from docking station Impersonate a client after authentication	Disabled Enabled

Our user has the Windows SelmpersonatePrivilege, which means they are able to assume the identify of different user in certain cases

Privilege Escalation SelmpersonatePrivilege

Sometimes the SelmpersonatePrivilege can be abused by using a family of Windows exploits called Potato exploits, but modern versions of Windows (Win 10/11) are less likely to be vulnerable



Privilege Escalation PrintSpoofer

A more-modern exploit that takes advantage of the SelmpersonatePrivilege is the PrintSpoofer exploit, which affects Windows 10 / Server 2016 / 2019 operating systems



Privilege Escalation PrintSpoofer

In order to conduct a PrintSpoofer attack with SelmpersonatePrivilege, the system must be running the print spooler service, which it is