



Installation Checklist

Organization: _____

Operator: _____

Version: _____

Started on: _____ (date), _____ (hrs)

Completed on: _____ (date), _____ (hrs)

Action	Done	Comment
A Install Java		
A.1 Download the latest JRE https://java.com/en/download/manual.jsp	☐	Version _____; ☐ 32-bit ☐ 64-bit
A.2 Install the JRE	☐	
B Install Apache Tomcat		
B.1 Download Apache Tomcat https://tomcat.apache.org/	☐	Version _____; ☐ 32-bit ☐ 64-bit
B.2 Uninstall old Apache Tomcat, if available	☐	
B.3 Start installer and select modules	☐	☐ Service Installer; ☐ Native; ☐ Manager; ☐ Host Manager
B.4 Set port numbers	☐	HTTP: _____; Shutdown: _____; AJP: _____
B.5 Create administrator account	☐	Administrator name: _____
C Configure Apache Tomcat		
C.1 Start Monitor and check service startup type	☐	☐ Automatic ☐ Manual
C.2 Set Java options	☐	☐ file.encoding; ☐ user.language; ☐ user.country; ☐ initial memory; ☐ maximum memory: _____ MB
C.3 Tune Connectors in <code>\$CATALINA_BASE/conf/server.xml</code>	☐	☐ verify port numbers; ☐ <code>URIEncoding</code> ; ☐ <code>redirectPort</code>
D Set up SSL/TLS		
D.1 Create keystore and private key <code>keytool -genkey -alias tomcat -keyalg RSA</code>	☐	CN: _____; Alias: _____

D.2	Generate a certificate signing request (CSR)	☐	
	<code>keytool -certreq -keyalg RSA -alias tomcat -file certreq.csr</code>		
D.3	Submit the CSR to the Certificate Authority	☐	Certificate Authority: _____
D.4	Download the signed certificate and convert to PKCS #7, if needed	☐	
D.5	Import root and client certificates	☐	
	<code>keytool -import -alias root - trustcacerts -file ca_cert.crt keytool -import -alias tomcat - file cert.p7s</code>		
D.6	Move keystore to /conf and configure the HTTPS Connector in <code>\$CATALINA_BASE/conf/server.xml</code>	☐	<code>keystoreFile, keystorePass, (keyAlias)</code>
D.7	Enforce HTTPS from <code>\$CATALINA_BASE/conf/web.xml</code>	☐	<code><security-constraint> ... <user-data-constraint></code>

E	Other settings		
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E.1	Create firewall rules for HTTP and HTTPS ports	☐	
E.2	Make server's local IP address static	☐	
E.3	Set up port forwarding	☐	Router model: _____
E.4	Set up A-records in the DNS	☐	Domain: _____; IP: _____
E.5	Set host name mapping for server in <code>\Windows\System32\drivers\etc\hosts</code>	☐	Host name: _____

F	Install and configure Infrarch Cloud Office		
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F.1	Start up Apache Tomcat and check logs	☐	
F.2	Undeploy default ROOT application and deploy <code>ROOT.war</code>	☐	
F.3	Set document root, configuration directory and backup root	☐	
F.4	Start up Infrarch Cloud Office and check logs	☐	
F.5	Log in as admin / admin	☐	
F.6	Change administrator's password	☐	
F.7	Configure Infrarch Cloud Office	☐	☐ admin IP check; ☐ client IP check; ☐ backups; ☐ default language
