Proxies and policies

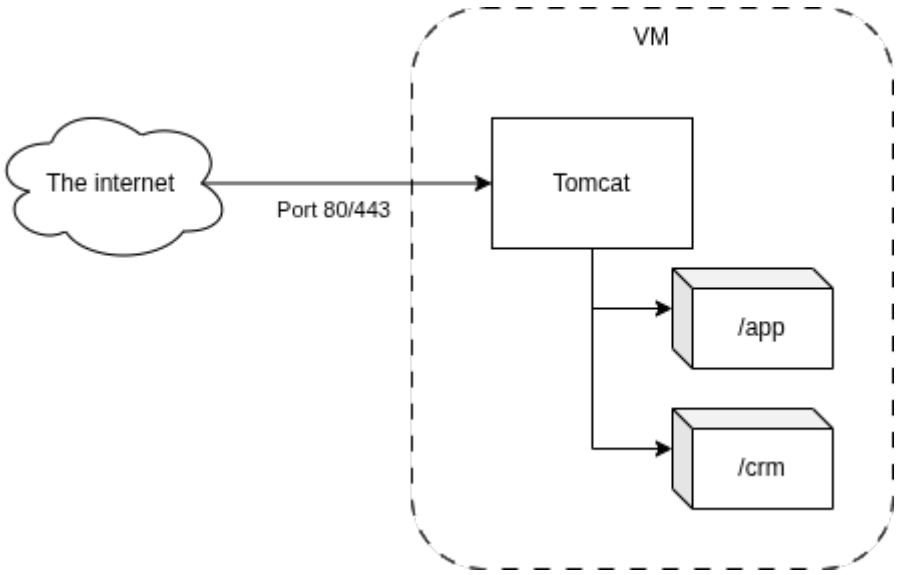
This page tries to show how to configure a couple of central policies, based on how TS is hosted.

Tomcat on port 80/443

When running tomcat directly on port 80/443, the following policies should be set.

Policy	Value
applicationIsBehindAReverseProxy	false
applicationIsHiddenBehindAReverseProxy	false
applicationIPort	80
applicationIPortSSL	443
securitySslPages	Depends on if SSL is enabled (recommended)
applicationServer	A domain pointing at the server

This was the default setup up untill 2025-Q2.
This illustration shows how the traffic is routed.

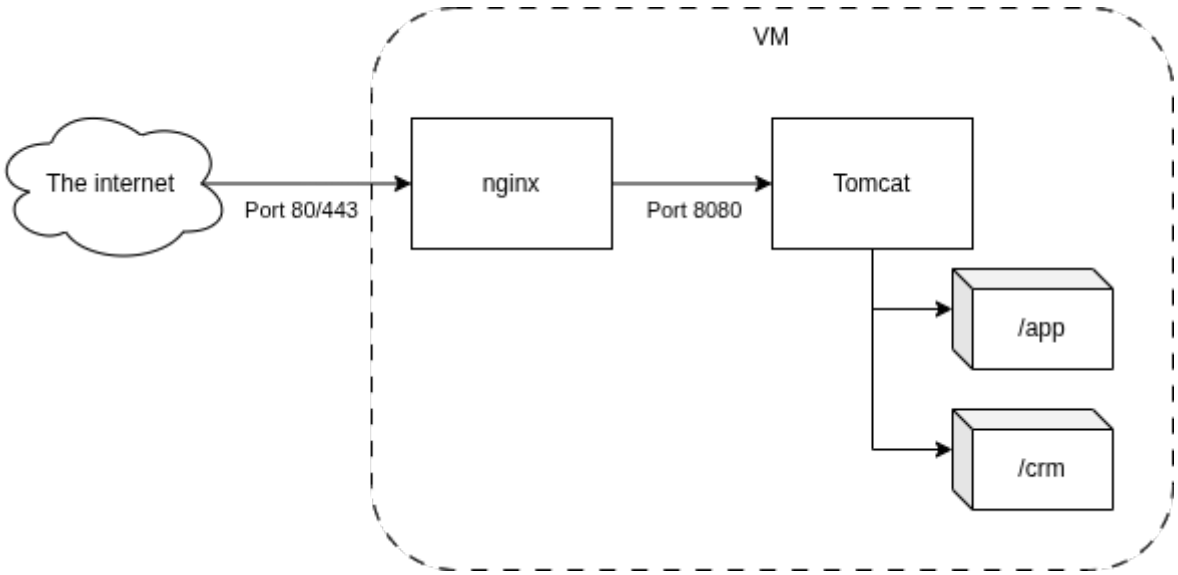


Behind a proxy (nginx)

When running tomcat behind a reverse proxy (eg. nginx), the following policies should be set.

Policy	Value
applicationIsBehindAReverseProxy	true
applicationIsHiddenBehindAReverseProxy	false
applicationIPort	80
applicationIPortSSL	443
securitySslPages	Depends on if SSL is enabled (recommended)
applicationServer	A domain pointing at the server

This is the default setup as of 2025-Q2.
It helps when running SSL/TLS and multiple/changing domains.
This illustration shows how the traffic is routed.



Hidden behind a proxy

When hiding the webapps hosted by tomcat behind a reverse proxy (eg. nginx), the following policies should be set.

Policy	Value
applicationIsBehindAReverseProxy	true
applicationIsHiddenBehindAReverseProxy	true
applicationIPort	80
applicationIPortSSL	443
securitySslPages	Depends on if SSL is enabled (recommended)

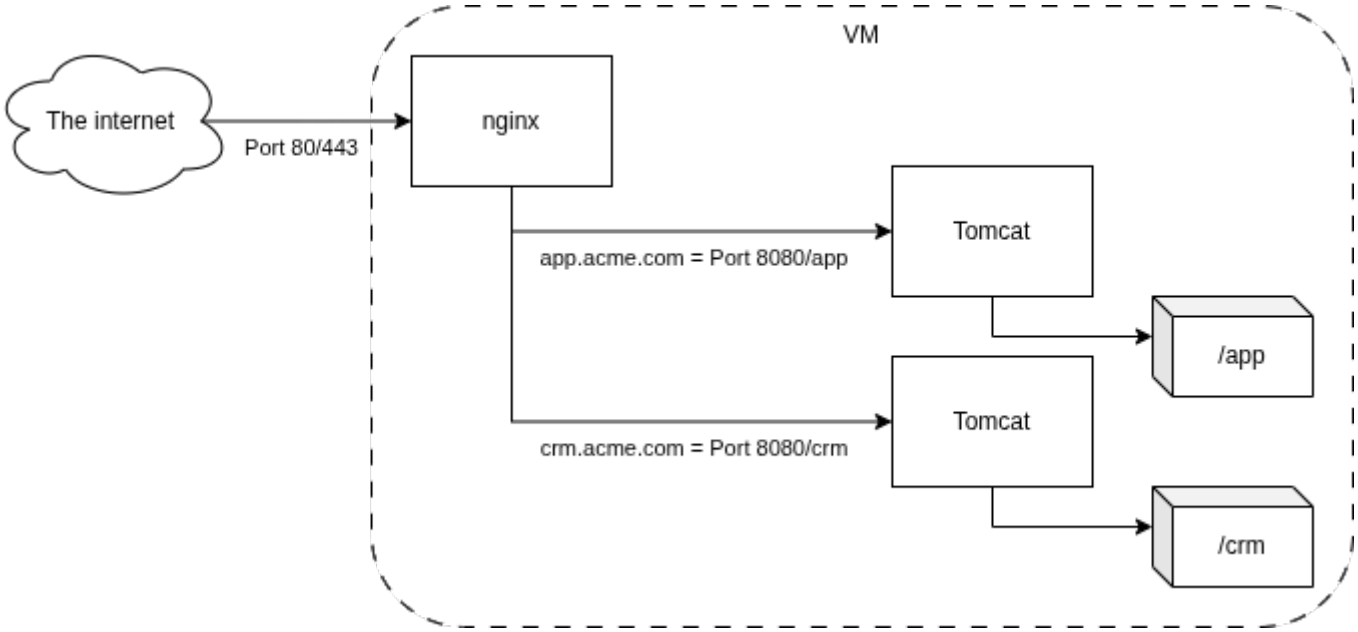
applicationServer	The domain pointing at the instance

This setup also requires that the context file for the given webapp is modified.
The following attributes have to be added to the `Context` opening tag.

```
useRelativeRedirects="false" sessionCookiePath="/"
```

All of this is handled by the `ts` script.

This is used for shared hosting, where multiple domains are pointing to the same server, as to not expose other installations/customers.
This illustration shows how the traffic is routed.



Revision #4
Created 12 May 2026 07:34:25 by Theis Villumsen
Updated 12 May 2026 13:51:46 by Theis Villumsen