

Container Service Farm

Videoreihe DPP - Debian,
Podman, Portainer

Teil 4 - Security



Container Service Farm

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Inhalt:

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3. Container Stacks
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5. Weitere Hinweise


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Inhalt:

- Grundsätzliches
- Stack Ports deaktivieren
- Reverse Proxy mit NginxPM
- Zugriffslisten
- HTTPS/SSL

Aktuell offene Ports



portainer.io
COMMUNITY EDITION

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portainer.io Community Edition 2.19.4

Containers

Container list

demo@b-tocs.org

Containers

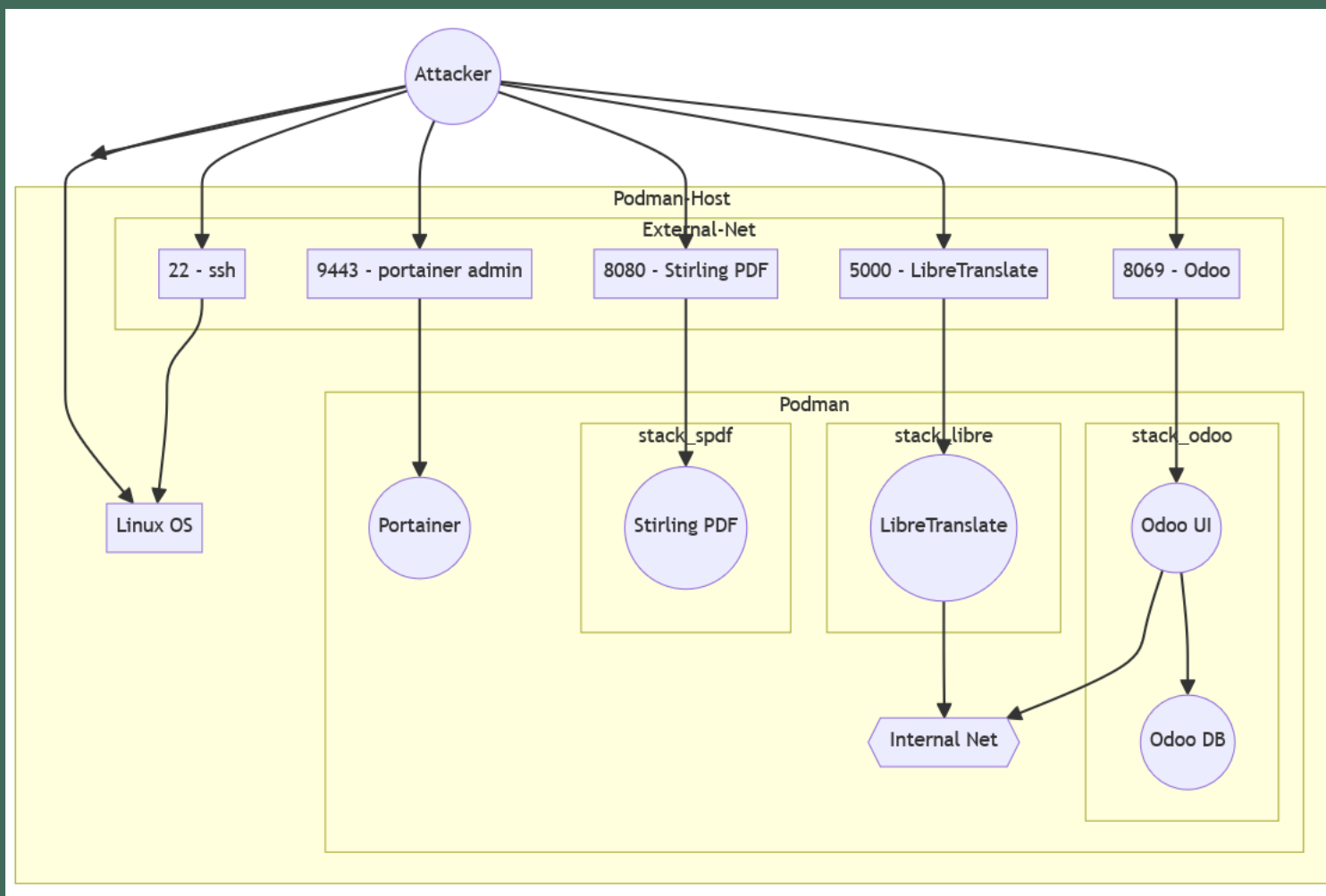
Search...

Start Stop Kill Restart Pause Resume Remove Add container

Name	State	Quick Actions	Stack	Image	Created	IP Address	Published Ports	Ownership
libre-libre-1	running		libre	docker.io/libretranslate/libretranslate:latest	2024-02-05 08:55:04	10.89.0.16	5000:5000	administrators
odoo-db-1	running		odoo	docker.io/library/postgres:16	2024-02-05 08:53:50	10.89.3.8	-	administrators
odoo-web-1	running		odoo	docker.io/library/odoo:17	2024-02-05 08:55:30	10.89.0.17	8069:8069	administrators
portainer	running		-	docker.io/portainer/portainer-ce:latest	2024-02-01 09:13:55	10.88.0.2	9443:9443	administrators
spdf-stirling-pdf-1	running		spdf	docker.io/frooodle/s-pdf:latest	2024-02-05 08:57:46	10.89.2.5	8080:8080	administrators

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Angreifersicht



Installation

- Github Repository öffnen:
https://github.com/b-tocs/csf_dpp
- Schritte unter 4 abarbeiten

csf_dpp Public

main 1 Branch 0 Tags

Go to file Add file Code

File	Commit Message	Time
LICENSE	Initial commit	3 hours ago
README.md	update readme	34 minutes ago
install_dpp.sh	update installation	49 minutes ago
portainer_update.sh	update portainer readme	36 minutes ago

README MIT license

B-Tocs Container Service Farm DPP

B-Tocs Container Service Farm based on Debian, Podman, Portainer. This is a reference container host stack to demonstrate B-Tocss container scenarios.

Installation

1. Prepare server

1.1 First ssh login

Login as root to a new installed Debian 12 Linux Server.

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Weitere Maßnahmen:

- Podman rootless
- Sudo Benutzer statt root
- SSH mit Public Key statt Passwörter
- Interne und externe Firewalls
- Alternative Stacks (statt DPP)...

Geschafft!

Aktueller Stand:

- die Container Farm wurde abgesichert
- Neue Anwendungen können sicher konfiguriert werden

Nächster Schritt:

- Weitere Informationen

