


LF Energy SEAPATH

Technical Steering Committee

January 09th 2025

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SEAPATH

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Agenda

- Update on Ansible branche merges
- Release of SEAPATH v1.0
- Wiki page
- Review of SEAPATH on 14th Jan.

Update on Ansible branche merges

- Software version aligned between SEAPATH flavors (Debian, Yocto and Centos)
- Merge done 3 weeks ago :

<https://github.com/seapath/ansible/commit/150072936b6c6168085dbe88d560ee124adb5b60>

Release of SEAPATH v1.0

- Scheduled in January
 - Based on last Yocto LTS (Scarthgap)
 - Based on last Debian LTS (Debian 12)
 - SEAPATH Centos needs to implement a CI first
- Process suggested
 - Tag each repository in v1.0 :
 - Writing a wiki page containing a global release note
 - Write a specific release note for *ansible*, *build_debian_iso*, *yocto_bsp*

Wiki page

- Reordering
- Documentation of third party VM deployment

The screenshot shows a Confluence Wiki page for 'ABB - SSC600 SW'. The left sidebar displays the 'SEAPATH' space with a content tree. The main content area includes the page title, ownership information, requirements, deployment instructions, and a table of variables.

SEAPATH
No shortcuts in this space

Content

- SEAPATH features
- Install and configure SEAPATH
- Virtual machines on SEAPATH
 - Deploy your application on SEAPATH
 - SEAPATH libvirt documentation
 - How to manage VM in SEAPATH
- Third party Virtual Machines
 - ABB - SSC600 SW**
- SEAPATH Tests and CI
- Ansible Roles in SEAPATH
- Time synchronization
- Using a graphical interface on Seapath
- Maintainers

Create

Blogs

Apps

SEAPATH / ... / Third party Virtual M... / ABB - SSC600 SW

ABB - SSC600 SW

Owned by eloi.bail ...
Last updated: Jan 06, 2025 by croussy • 2 min read • 5 people viewed

Requirements

To run the SSC600 SW VM in SEAPATH, the **SSC600 SW package** has to be downloaded from the ABB website. A **license** is also needed to run the software. Find more information in the [dedicated webpage](#).

Deploy the VMs

A template xml `ssc600.xml/2` is provided in the ansible repository. There is also example inventories in the `inventory/provider/abb` directory.

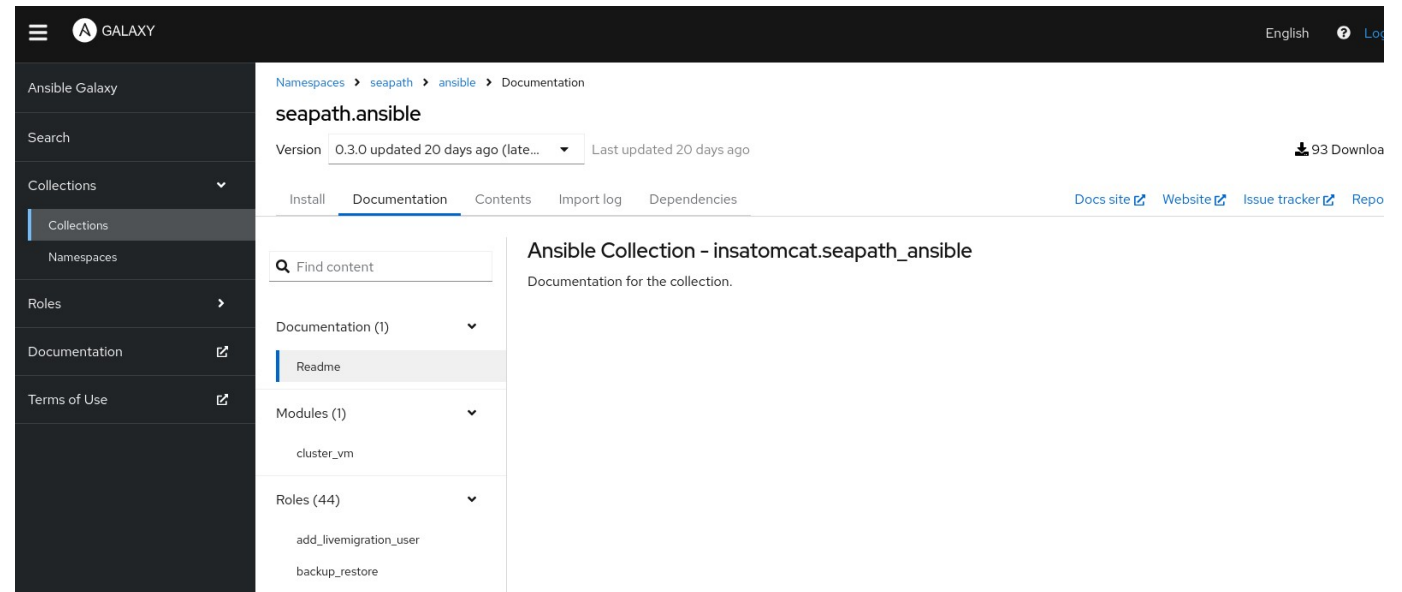
The following variables configure the template:

Variable	Required	Type	Comments
description	No	String	
uuid	No	Int	
cpuset	Yes	Array of int	A minimum of 4 CPUs is required
memory	No	Int	(GiB). The default and minimum required is 6
emulatorpin	Yes	Int	
vm_disk	Yes	String	The disk image can be in <code>raw</code> or in <code>qcow2</code> . More information in the disk section.

<https://lf-energy.atlassian.net/wiki/spaces/SEAP/overview>

Documentation of Ansible variables

- Documentation within Ansible code
- Manual HTML generation (for the moment, could be automated by CI job)



<https://galaxy.ansible.com/ui/repo/published/seapath/ansible/>

Review on SEAPATH

- On January 14th within Digital Substation SIG
- Should stay in “early adoption” phase

Thanks !

Questions ?

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