

Roles in SEAPATH

Debian role

The scripts and binaries are installed in the `/usr/local/bin` directory. The override of systemd service are installed in `/etc/systemd`.

- Installs `python3-setup-ovs` (sources [here](#)) with its service `votp-config_ovs` and enables it.
- Installs `vm_manager` (sources [here](#)).
- Installs `backup-restore` (sources [here](#)).
- Installs script to get a console of a virtual machine.
- Configures `vim`.
- Installs a SEAPATH resource agent
- Configures `syslog-ng`. If specified, installs certificates, keys and CA.
- Configures the `libvirtd` and `pacemaker` services.
- Sets the `UID` and `GID` to 902 for the `SNMP` user.
- Configures `SNMP` daemon and service. Installs scripts to get back the machine's status.
- Remove the `virtu` user if needed.
- Installs `sudo`'s fragment for the `SNMP` user.
- Configures the `systemd`'s journal.
- Configures an admin user with its group and `sudo`'s fragment.
- Adds a live-migration user.
- Adds `panicreboot` and `bridge_nf_call` rules to the kernel.
- Adds `br_netfilter` and `raid6_pq` modules to the kernel.
- Configures `AppArmor`.
- Configures the network with `systemd`.
- Configures the environment and the hosts.
- Configures the `hddtemp`.
- Configures the package manager.
- Configures `libvirtd`.
- Configures `GRUB`.

Hypervisor role

- Enables the `docker` service.
- Adds `vhost_vsock` module to the kernel.
- Installs the `votp-taskset` with its service.
- Adds `schedrt` rules to the kernel.
- Adds modules to the kernel specified by `sriov_driver`.
- Adds `sriov` rule to the kernel.
- Configures `GRUB`.
- Configures `tuned`.
- Configures `systemd`.
- Configures `slices` of `systemd`.
- Configures `ovs-vswitchd` service.
- Installs `ptp_status` with its service.

Debian-hardening role

- Create `ansible` and `privileged` group.
- Configures parameters of the kernel.
- Updates the `coredump`, `kexec` and `binfmt_misc` rules to the kernel.
- Installs `sysctl-hardening` and `network-hardening` rules to the kernel.
- Adds `nf_conntrack` module to the kernel.
- Installs `random-root-passwd` service and enable it.
- Installs `mktmpdir` and `terminal_idle` profile for a shell session.
- Configures the `SSH` server.
- Installs `ANSI` and `ceph-osd-smartctl` rules to `sudo`.
- Adds users to `privileged` groups.
- Configures `sudo` to be run only users members of `privileged` group.
- Configures `login.defs`.
- Configures `PAM`.
- Configures `securetty`.
- Configures some services specified in `hardened_services`.
- Uninstalls useless packages.
- Disable useless services.
- Sets a password to `GRUB`.
- Installs `audit` configuration.

Corosync role

- Regenerates the authentication key.
- Synchronizes the key between the hosts.
- Generates the configuration of `corosync`.