

TOOLS

BMC: A baseboard management controller is a specialized service processor that monitors the physical state of a computer, network server, or other hardware.

VBMC: A virtual BMC for controlling virtual machines using IPMI commands.

IPMI: IPMI monitors power supply, fan speed, server health, security details, and the state of operating systems.

QCOW2: A qcow2 file is a disk image saved in the second version of the Qemu Copy on write format, which is used by QEMU virtualization.

QEMU: Quick Emulator which is generally only used for development purposes. If you are testing Openstack in a virtual machine, you must configure Compute to use qemu.

VIRSH: Virsh is a command-line interface tool for managing guests and the hypervisor and is built on the libvirt management API.

VXLAN: Vxlan is an encapsulation protocol that provides data center connectivity using tunneling to stretch L2 connections over an underlying L3.

ML2 PLUGIN: The Modular Layer 2 plugin is a framework allowing OpenStack Networking to simultaneously utilize the variety of layer 2 networking technologies found in complex real-world data centers.

PROMETHEUS: Prometheus is a free software application used for event monitoring and alerting. It records real-time metrics in a time series database built using an HTTP pull model, with flexible queries and real-time alerting.