

## Debugging the KVM Switch



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There are various log files stored on the host system to assist with debugging KVM related problems. In this tutorial, I will cover log file locations and tools used to track down KVM ...



Here at Bobcares we often get requests from our customers to fix issues regarding KVM Virtualization as a part of our Server Management Services. Today let's see how our Support ...



This page is part of the debugging series — pages with debugging details for a variety of Ubuntu packages. If it is easily reproducible, try building from upstream git and reproducing. Then ...



```
.RS 4 Print debug information from a running VM instance. .sp .B -a, --all .RS 4 Debug all running instances. . RE .PP .B -n, --name .RS 4 Debug the specified instance. . RE .sp .B -d, --dump .RS ...
```



Run virt-install using the --debug option to get detailed debug spew. In order to gain access to a serial console during the install, you can use -x "console=ttyS0".



Couldn't we use gdb breakpoint from the host for a VM using KVM? I never used breakpoints for x86 KVM code, but we should be able to debug the KVM code similar to debug Linux kernel right?



I was recently debugging the QEMU source code and there are endpoints like `kvm_ioctl`, `kvm_vm_ioctl`, `kvm_vcpu_ioctl`, `kvm_device_ioctl` which interact with the `/dev/kvm` and VM and ...



In situations where the source code of the hypervisor isn't available, it might be pretty hard to debug what goes on inside the VM. So I decided to make this thing that basically creates a GDB interface ...



This allows you to debug guest code in the same way that you might with a low-level debug facility like JTAG on real hardware. You can stop and start the virtual machine, examine state like registers and ...

## Contact Us

For more information, pricing, or custom energy solutions, please contact us:

Website: <https://www.gdroofing.co.za>

Email: [sales@gdroofing.co.za](mailto:sales@gdroofing.co.za)

Phone: +27 72 418 9365

Address: 22 Electron Avenue, Isando, Johannesburg, 1600, South Africa

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