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F5 BIG-IP Virtual Edition in Linux KVM¶

Deploy a licensed F5® BIG-IP® Virtual Edition (VE) (licensing/licensing.html) in Linux KVM environment.

Get started¶

Document: Deploy BIG-IP VE in a Linux KVM environment (kvm/kvm_setup.html)

Document: Update an existing BIG-IP VE (shared/update.html)

Document: User's Guide (kvm/kvm_users.html)

System configurations¶

Cloud-init¶

Document: Cloud-Init and BIG-IP VE (shared/cloudinit.html)

Document: Hardware- and software-optimization (shared/HW-SW-optimization.html)

Deployment configurations¶

Acceleration¶

Document: Configure cryptographic offload for BIG-IP VE with Intel QAT (kvm/kvm_qat.html)

Document: Accelerate BIG-IP VE with F5 SmartNIC (shared/smart_nic_guide.html) and FPGA Routing Reference Guide (shared/smart_nic_routing.html)

Document: Optimize COTS hardware BIOS (shared/HW-SW-optimization.html)

High performance¶

Document: KVM: Configure Mellanox ConnectX-5 for High Performance (kvm/kvm_mellanox.html)

Document: KVM: Configure Intel X710-E810 series NIC for High Performance (kvm/kvm_intel.html)

CPU options¶

Document: Hygon x86 CPU requirements (kvm/kvm_hygon.html)

Network configuration¶

NIC bonding¶

Document: Set up bonding, teaming, and aggregation of BIG-IP VE NICs
([kvm/kvm_nic_bonding.html](#))

Testing recommendations¶

Performance¶

Document: Best practices ([shared/perf_testing-iPef.html](#))

Security vulnerabilities¶

To view recent F5 BIG-IP and F5 BIG-IQ security advisories, visit the MyF5 Document Center (<https://my.f5.com/manage/s/tech-documents#t=prodManuals&sort=relevancy>), enter “CVE” in the search field, filter your results by **Product**, and then select the Security Advisory ([https://my.f5.com/manage/s/global-search/%40uri#q=CVE&sort=relevancy&f:@f5_document_type=\[Security%20Advisory\]](https://my.f5.com/manage/s/global-search/%40uri#q=CVE&sort=relevancy&f:@f5_document_type=[Security%20Advisory])) option in the **Content Type** filter. For the **latest** list of known and fixed vulnerabilities, sort the CVE results by **Date**.

More help with BIG-IP VE¶

BIG-IP VE upgrade guide (<https://my.f5.com/manage/s/article/K84205182>)

Licensing BIG-IP VE ([licensing/licensing.html](#))

BIG-IP Release Notes ([https://my.f5.com/manage/s/tech-documents#t=prodManuals&sort=relevancy&f:@f5_product=\[BIG-IP%20LTM\]&f:@f5_document_type=\[Release%20Note\]](https://my.f5.com/manage/s/tech-documents#t=prodManuals&sort=relevancy&f:@f5_product=[BIG-IP%20LTM]&f:@f5_document_type=[Release%20Note]))

Bug tracker (<https://my.f5.com/manage/s/bug-tracker>)

F5 BIG-IP Image Generator Tool (https://clouddocs.f5.com/cloud/public/v1/ve-image-gen_index.html)

BIG-IP VE Supported Platforms ([matrix.html](#))