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Virtualization data

Virtualization data refers to the information generated, managed, or used by virtualization platforms to represent, configure, monitor, and operate virtualized resources such as virtual machines (VMs), virtual networks, and virtual storage. This data includes both the configuration and operational state of virtualized environments, as well as logs, metrics, and metadata related to virtual infrastructure. It is essential for provisioning, monitoring, scaling, and troubleshooting virtualized environments.

Examples of virtualization data include the following:

- **Virtual machine (VM) configuration files**: CPU/memory/disk settings, network interfaces
- **Snapshot and image metadata**: State and properties of VM snapshots or templates
- **Virtual network configuration**: Virtual switches, VLAN assignments, connected VMs
- **Resource utilization metrics**: CPU, memory, disk, network stats for VMs/hosts
- **Event and log data**: VM migrations, errors, system events
- **Access and permission settings**: User roles and access controls for virtual resources
- **Virtual disk files**: Binary images of VM storage

Before looking at documentation for specific data sources, review the Splunk Help information on general data ingestion for Splunk Enterprise, Splunk Cloud Platform or Splunk Observability Cloud.

Add-ons and apps

- Splunk Add-on for VMware
- Splunk Add-on for VMware Extractions
- Splunk OVA for VMware
- Splunk Add-on for Amazon Kinesis Firehose
- Splunk Firehose Nozzle for VMware Tanzu
- AWS EC2 Connector
- Microsoft Azure Compute Connector
- Splunk Add-on for Microsoft Hyper-V
- Proxmox Add-on for Splunk

- Monitoring of Java Virtual Machines with JMX

Splunk Lantern articles for the Splunk platform

- Ingesting VPC flow logs into Edge Processor via Amazon Data Firehose
- Troubleshooting cross-domain network problems in minutes