DESIGNED FOR VMWARE, WITH VMWARE, TO ENHANCE VMWARE

Transform on premises infrastructure while experiencing
the same agility and flexibility as the public cloud.

VxRail HCI System Software consists of multiple, integrated software elements that extend VMware
native capabilities. The software delivers a seamless, automated, operational experience, keeping your
infrastructure in a continuously validated state to ensure your workloads are consistently up and running.

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DELL EMC VXRAIL HCI SYSTEM SOFTWARE

RESTful API

Greater Extensibility
for Cloud and IT Automation

HCI System Software includes APIs that help you to leverage
the full power of automation and orchestration services across
your data center. This extensibility lets you build, operate, and
automate your infrastructure with cloud-like scale and agility.

**Streamline integration into your IT
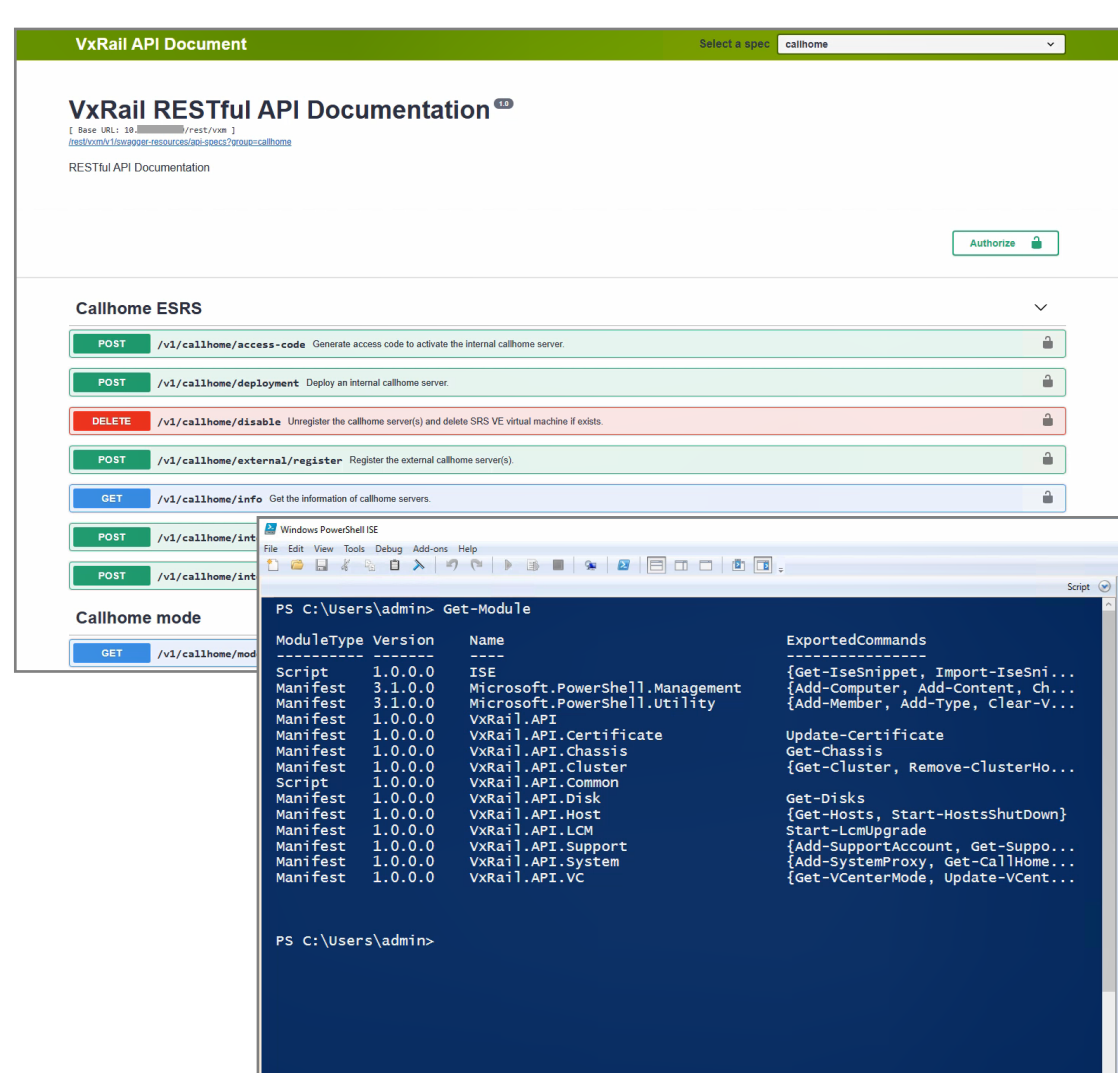environment and processes.**

Simple

Thanks to Swagger and
PowerShell integration,
you can easily consume the
API using a supported web
browser or from familiar
command line interface
for Windows and
VMware vSphere.

Powerful

Dozens of VxRail API functions give
you the power to support essential
operations such as automated
lifecycle management (LCM).

Extensible

The VxRail API is designed with
capabilities to complement REST
APIs from VMware, offering a
familiar look and feel.

vSphere Automation API

VMware PowerCLI

VMware Cloud Foundation on
Dell EMC VxRail API

Easily integrate with external
configuration management or
cloud management tools

Grow your capabilities by
combining VxRail API with
VMware APIs

Swagger Integration

Simplify open API development with
this open source toolkit launched from
within VxRail Manager

Documents all of the information
required to call each API

Remote, simultaneous
execution of LCM upgrades
at scale

Day 1 operations such as
remote deployment of
VxRail clusters

Day 2 operations such as
graceful shutdown of entire
cluster for data consistency

Graceful host shutdown,
querying, and updating
iDRAC configuration

Remote collection of system
status and health data
including log bundles

Remote collection of
inventory information

Monitoring asynchronous
API requests

Integration with Dell EMC
support features

PowerShell Integration

VxRail API PowerShell Modules enable
scripting within Windows environments

Complements VMware PowerCLI with
VxRail-specific cmdlets

Reduce OPEX and simplify IT
operations using a scripting interface
familiar to VMware admins

Bring powerful automation to lifecycle management using over 50 API functions and counting.

VxRail appliance full upgrades

Day 1 cluster deployment,
vCenter externalization

Day 2 cluster management

Host management,
iDRAC interfaces

System status checks

Chassis and node
information queries

Disk information queries

Ongoing asynchronous
task management

Callhome ESRS Management

Support features

Consulting services

Let us guide you on the best approach for your IT environment.

Using an agile project methodology, we can help you achieve reliable and repeatable processes
using Infrastructure as Code (IaC) models that leverage APIs to store configurations in code.

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View our VxRail HCI System Software video

Read our blogs

Next up: VxRail HCI System Software SaaS Multi-Cluster Management