

orcharhino

🔄 DEPLOY ⚙️ RUN ✅ CONTROL SIMPLIFY YOUR DATACENTER

orcharhino is THE solution for data center orchestration! With our tool, users can automate deployment and configuration management as well as lifecycle and patch management. orcharhino is dedicated to standardizing data centers – a unified interface allows users to coordinate everything as a bare-metal system, on premises, or in the cloud. Users can even operate desktop PCs and IoT devices with it. Finally, more time for other projects!

orcharhino allows you to administer a huge number of hosts. The focus is on simplifying recurring tasks: You want to roll out new hosts? Define a configuration once and roll it out repeatedly with one mouse click. You would like to install a new security patch on a few hundred hosts? Once users have determined which group of machines should get the patch, they can provision it on as many systems as they like with a single mouse click.

orcharhino is manufacturer-independent. It allows users to manage the following systems:



Deployment



Deployment refers to the processes for making managed hosts available. With orcharhino, users can provision virtual and physical systems. They can connect virtualization solutions such as libvirt, Oracle Linux Virtualization Manager, oVirt, Proxmox, Red Hat Virtualization, and VMware vSphere, or cloud providers such as Amazon EC2, Google GCE, and Microsoft Azure.

Configuration Management



Configuration Management ensures that managed hosts meet user requirements. With orcharhino, users can manage all configurations in a data center, from operating systems to databases to applications. Whether it's a matter of configuring an individual system or a hundred identical ones, everything is possible with just a few mouse clicks. orcharhino supports Ansible, Puppet, and Salt for the configuration of managed systems. If a solution is already in use, it can be easily connected to orcharhino. The idea here is simple:

most data centers use more than one type of host, for example web servers, database servers, etc. Bundling managed hosts into different types simplifies configuration. orcharhino can run preconfigured commands on all kinds of managed hosts. This allows users to push automation further.

Content and Patch Management



Content and patch management refers to the provision and control of installed and available software packages as well as the ability to install updates and patches. orcharhino contains a simple solution for this: users can periodically synchronize any repositories of operating systems and applications. When a new patch or software package is available, orcharhino will help users take the next steps. All they have to do now is decide if they want to install the new packages and patches.

The highlight is the errata management. This function provides all available errata information for an operating system in a clear overview. orcharhino automatically checks if a new patch is available. This allows users to maintain the security of their managed hosts with just a few mouse clicks.

Unique selling points and benefits of **orcharhino**

- Professional support from the manufacturer
- Open-source Software
- In-house tested updates, upgrades, and patches
- Available for AlmaLinux 8, Oracle Linux 8, Red Hat Enterprise Linux 8, and Rocky Linux 8
- Available as OVA image on AlmaLinux 8 for VMware, OVM, and KVM
- Independent of configuration management solution (Ansible, Puppet, Salt)
- Management of a variety of different Linux systems:
 - AlmaLinux 8 and 9
 - Amazon Linux 2
 - CentOS Linux 7 and CentOS Stream 8 and 9
 - Debian 10, 11, and 12
 - Oracle Linux 7, 8, and 9
 - Red Hat Enterprise Linux 7, 8, and 9
 - Rocky Linux 8 and 9
 - SUSE Linux Enterprise Server 12 and 15
 - Ubuntu 18.04, 20.04, and 22.04
- orcharhino Clients for Ubuntu 20.04 and 22.04 on ARM
- orcharhino Clients for SLES 15/RHEL9 on PPC64LE
- Deployment and configuration of Microsoft Windows Servers 2016, 2019, 2022 and Windows 10 and 11
- Unified dashboard for an overview of managed systems, including alerts from configuration management reports and security-related updates
- Automated synchronization of connected repositories with local storage
- Updates for managed hosts without access to public networks through orcharhino
- Management of Unbreakable Linux Network repositories from Oracle
- Deployment of bare-metal servers over the network using PXE and TFTP
- Authentication to Microsoft Active Directory, updating (with authentication via Kerberos) of DNS entries in Microsoft Active Directory possible
- Centrally stored configuration data of managed hosts
- Schedule and automatic execution of asynchronous security updates and configuration jobs
- Automated updates for groups or individual hosts simultaneously or in batches
- Complete overview and regular reports regarding the status of managed hosts
- Webhooks Plug-in: trigger of custom webhooks after internal events
- Standardized configurations for operating systems and applications
- Automatic status reports of managed hosts via dashboard and e-mail
- Assignment of rights to users or user groups based on locations and organizations
- Graphical user interface, command line interface, and application programming interface
- Linking of users or user groups with LDAP, FreeIPA, and Active Directory possible

System requirements

	Minimum	Recommended
CPU	4	8+
RAM	20 GiB	32 GiB
HDD /	30 GiB	50 GiB
HDD /var	~ 40 GiB for each major version of AlmaLinux, Amazon Linux, CentOS, Oracle Linux, Red Hat Enterprise Linux, Rocky Linux, and SUSE Linux Enterprise Server ~ 80 GiB for each major version of Debian and Ubuntu	500 GiB+ if users plan to maintain additional repositories or keep multiple versions of packages
Operating System	A host running AlmaLinux 8, Oracle Linux 8, Red Hat Enterprise Linux 8, or Rocky Linux 8 Alternative: use of our OVA image with orcharhino on AlmaLinux 8	

For more information, see [Prerequisites and System Requirements](#) in the orcharhino Server Installation Guide.

In case of questions, please don't hesitate to reach out to us:

ATIX AG is the leading provider of Linux and open-source solutions for data centers. We believe in open standards and deliver customized Linux and open-source solutions for your business success.

Meanwhile, more than 1,000 companies are among our customers, and as a young, ambitious company, we have set our sights on the future.

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